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ANNUAL REPORT

OF THE

COMMISSIONER OF PATENTS

FOR

THE YEAR 1867.

VOLUME IV.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1868.

IN THE SENATE OF THE UNITED STATES,
January 29, 1868.

Resolved, That 4,000 additional copies of the letters from the Commissioner of Patents, transmitting Annual Report of that office, be printed for the use of the Senate.

IN THE HOUSE OF REPRESENTATIVES,
June 5, 1868.

On motion of Mr. LAFLIN, from the Committee on Printing,

Resolved, That there be printed 15,000 extra copies of the Report of the Commissioner of Patents, 10,000 for the use of the House, and 5,000 for the Commissioner.

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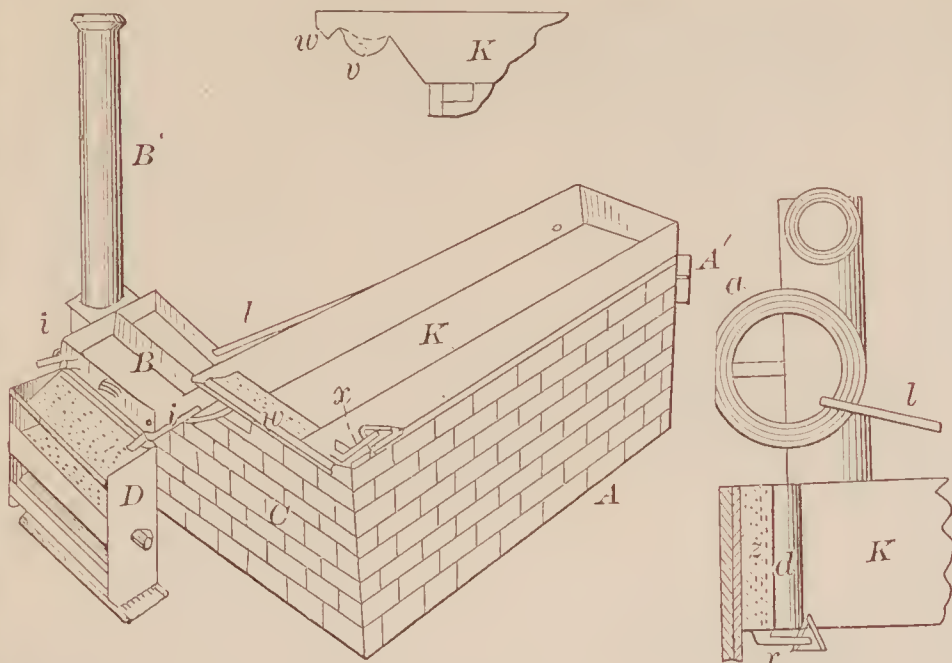
ILLUSTRATIONS.



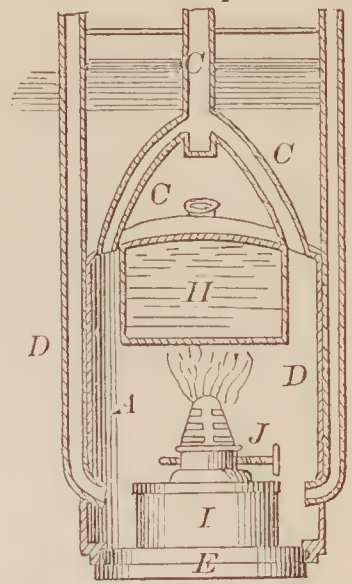
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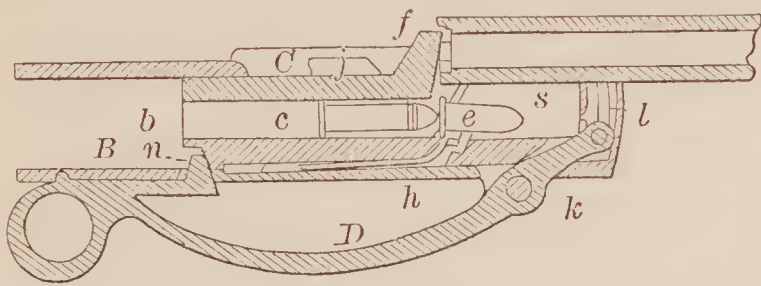
66750—Stubbs & Davis—*Evaporating Pan.*



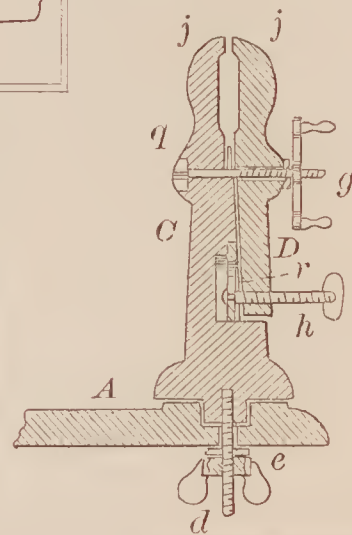
66752—C. C. Taintor—*Petroleum Lamp Heater.*



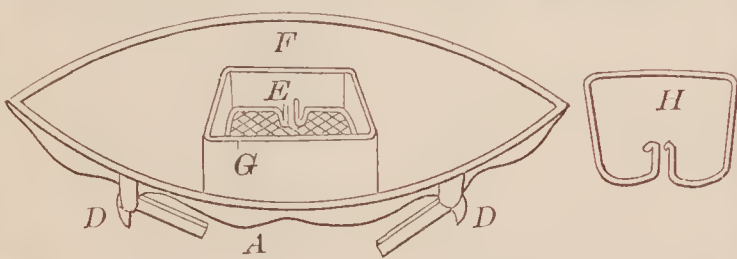
66751—E. L. Sturtevant—*Magazine Fire Arm.*



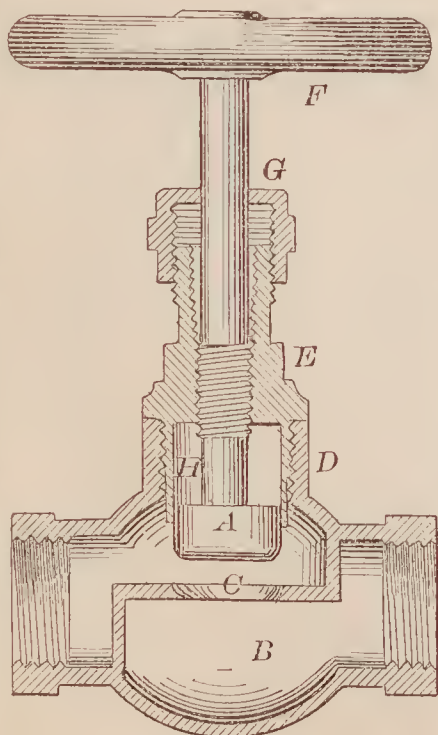
66754—E. F. Van Etten—*Clamp for Filing Saws.*



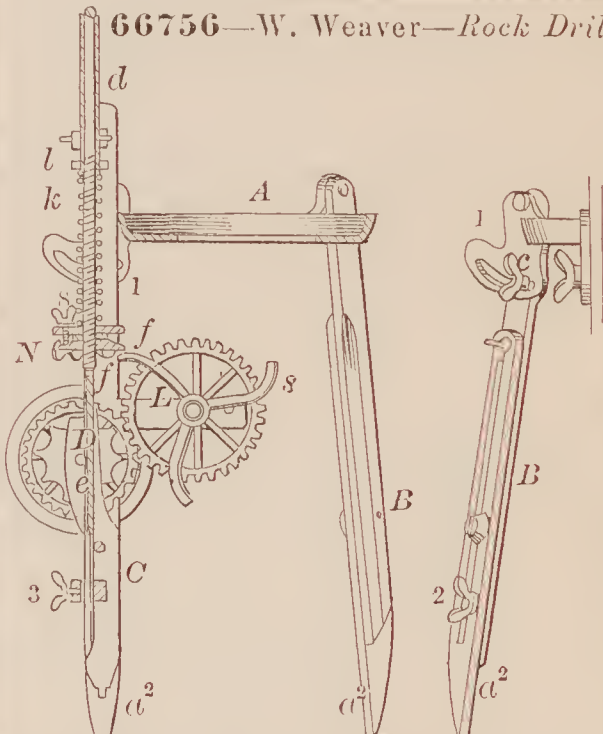
66753—Van Auken & Graham—*Milk Strainer.*



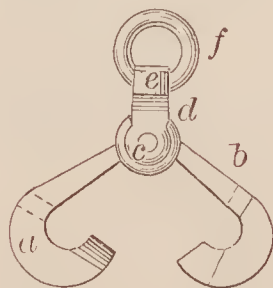
66757—J. H. Webster—*Steam Globe Valve.*



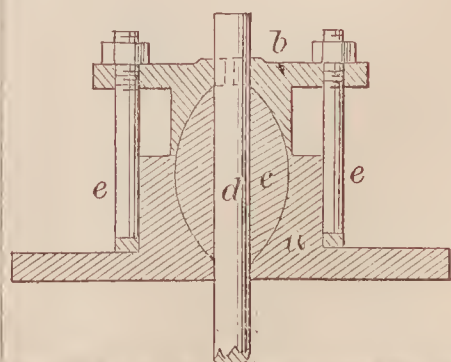
66756—W. Weaver—*Rock Drill.*

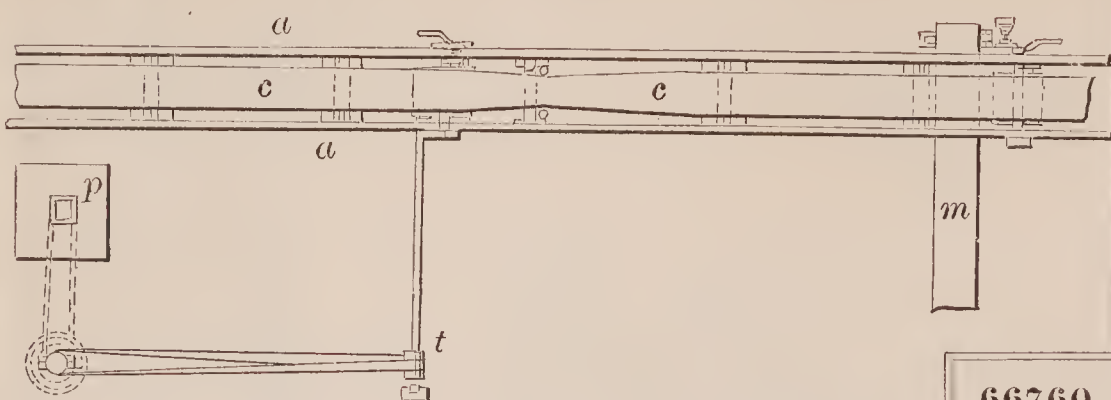
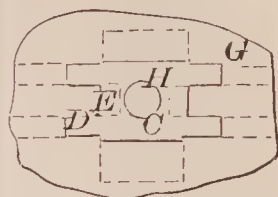
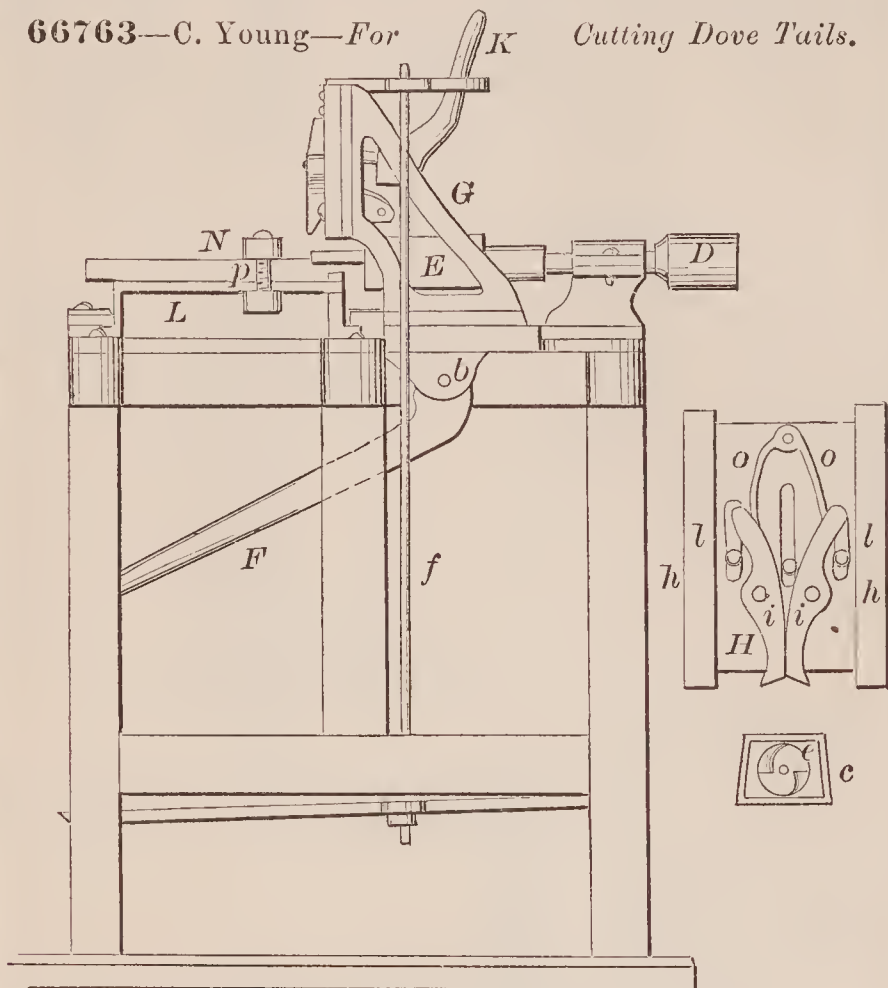
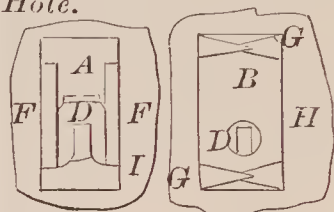
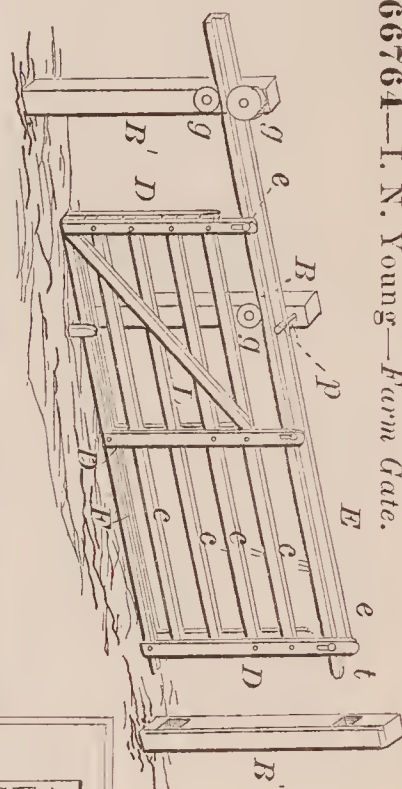
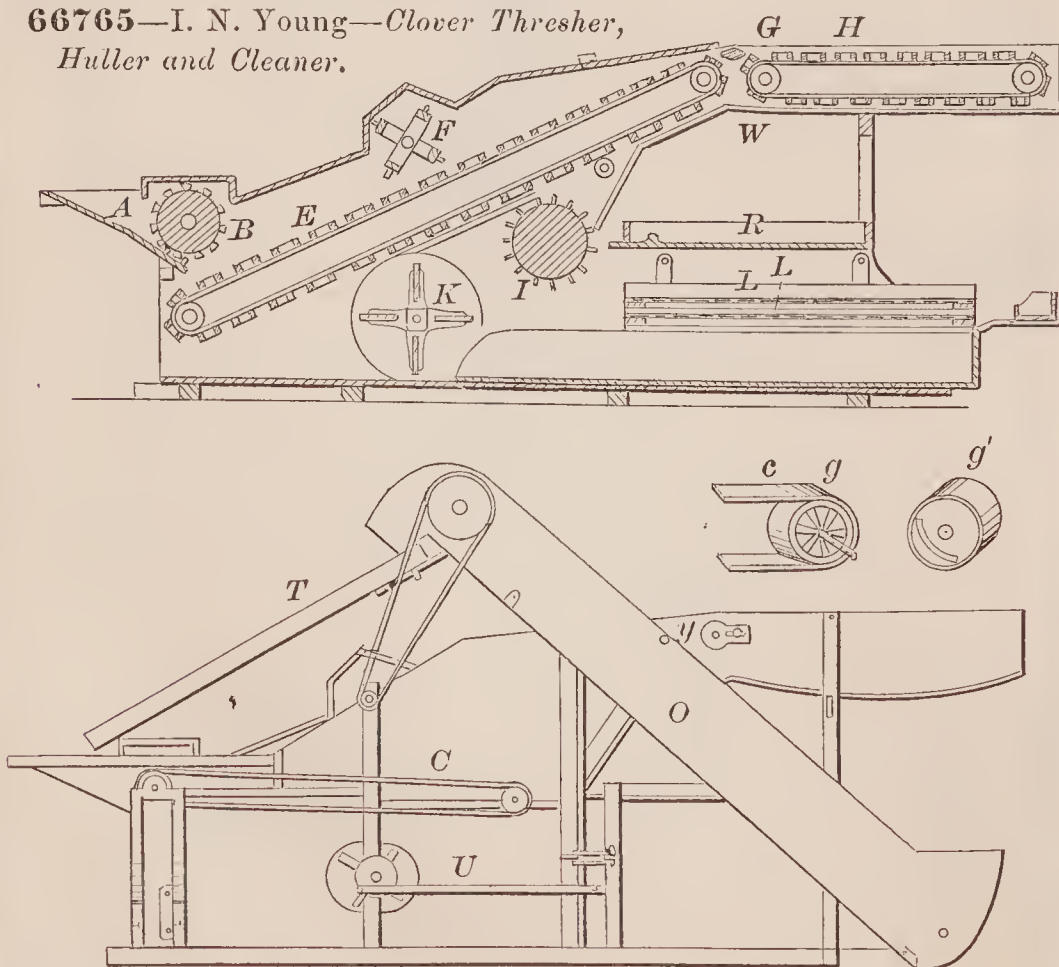
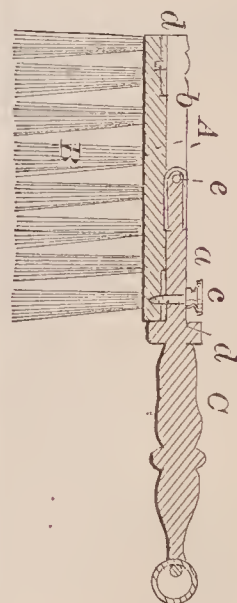


66755—A. Wallach—*Watch Chain Hook.*

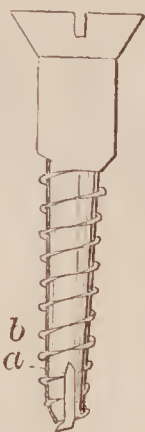


66758—J. H. Webster—*Metallic Packing for Piston Rods.*

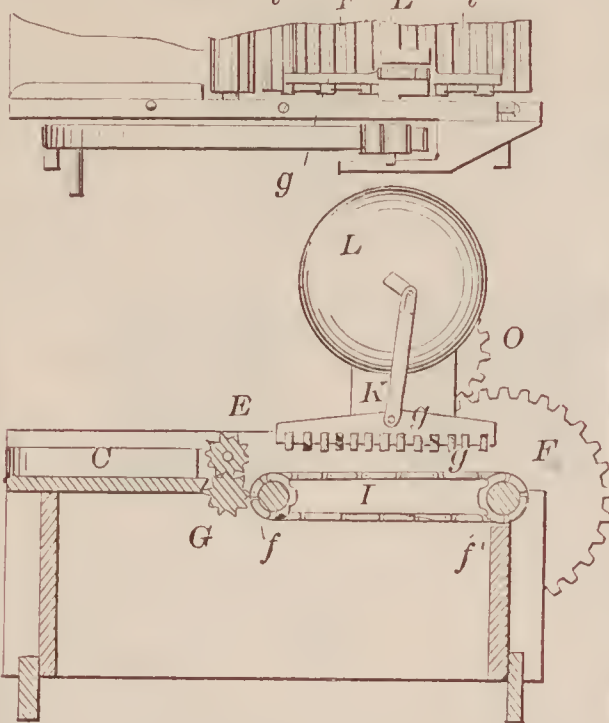


66759—P. G. B. Westmacott—*For Cleaning Grain.*66761—
E. L. Yancy—
*Carriage Curtain
Button Hole.*66763—C. Young—*For Cutting Dove Tails.*66760—E. L. Yancy—
*Carriage Curtain Button
Hole.*66764—I. N. Young—*Farm Gate.*66765—I. N. Young—*Clover Thresher,
Huller and Cleaner.*66762—A. A. Young—*Brush.*

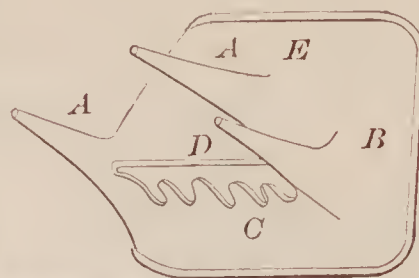
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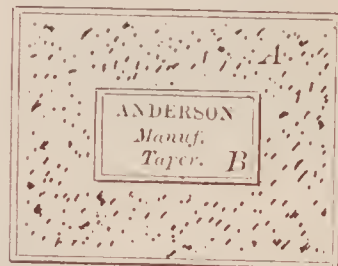
66767—H. Zellner—Breaking and Cleaning Hemp.



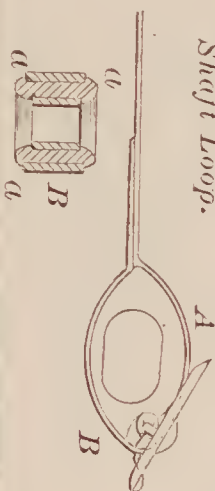
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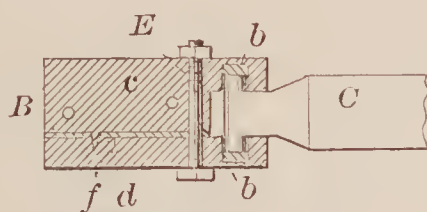
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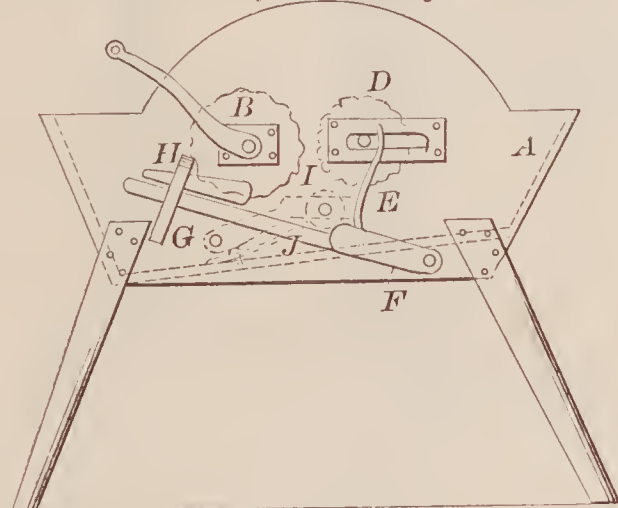
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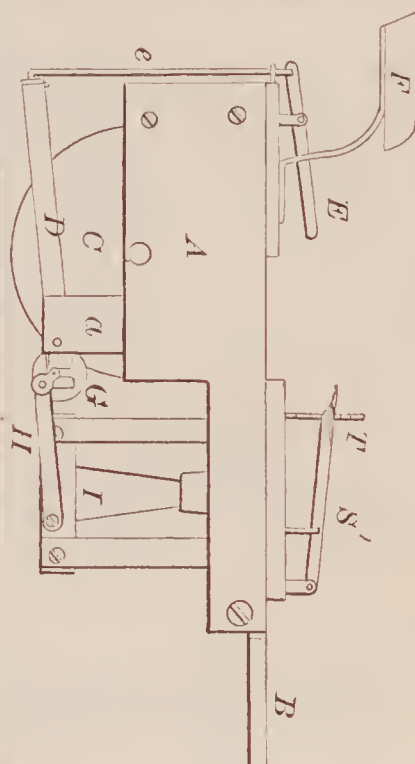
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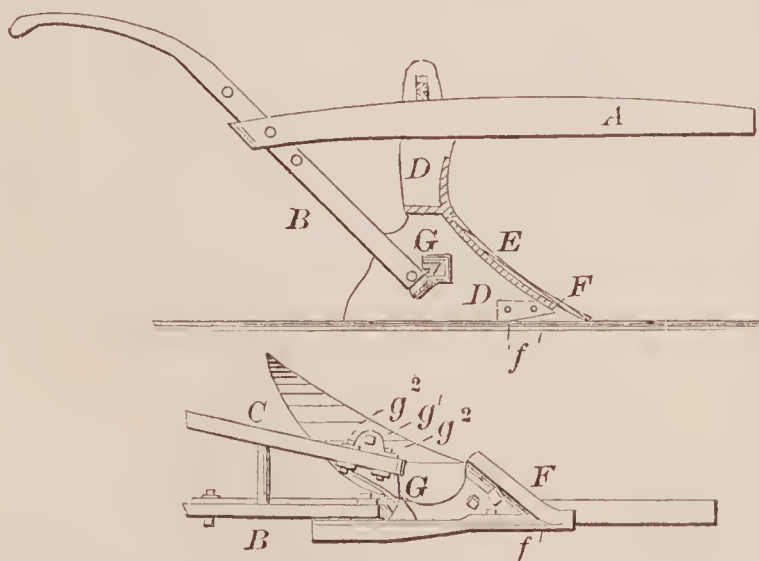
66775—J. G. Bailey—Washing Machine.



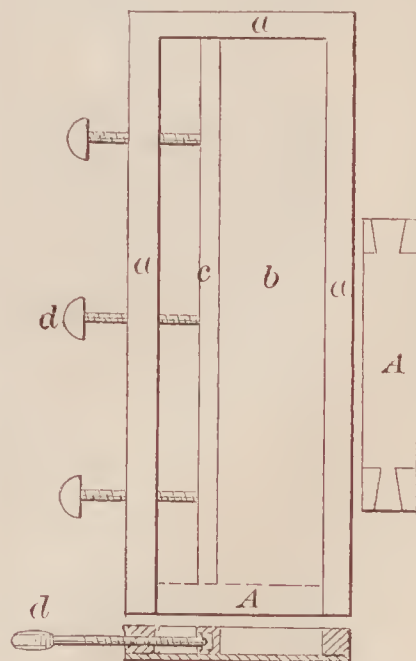
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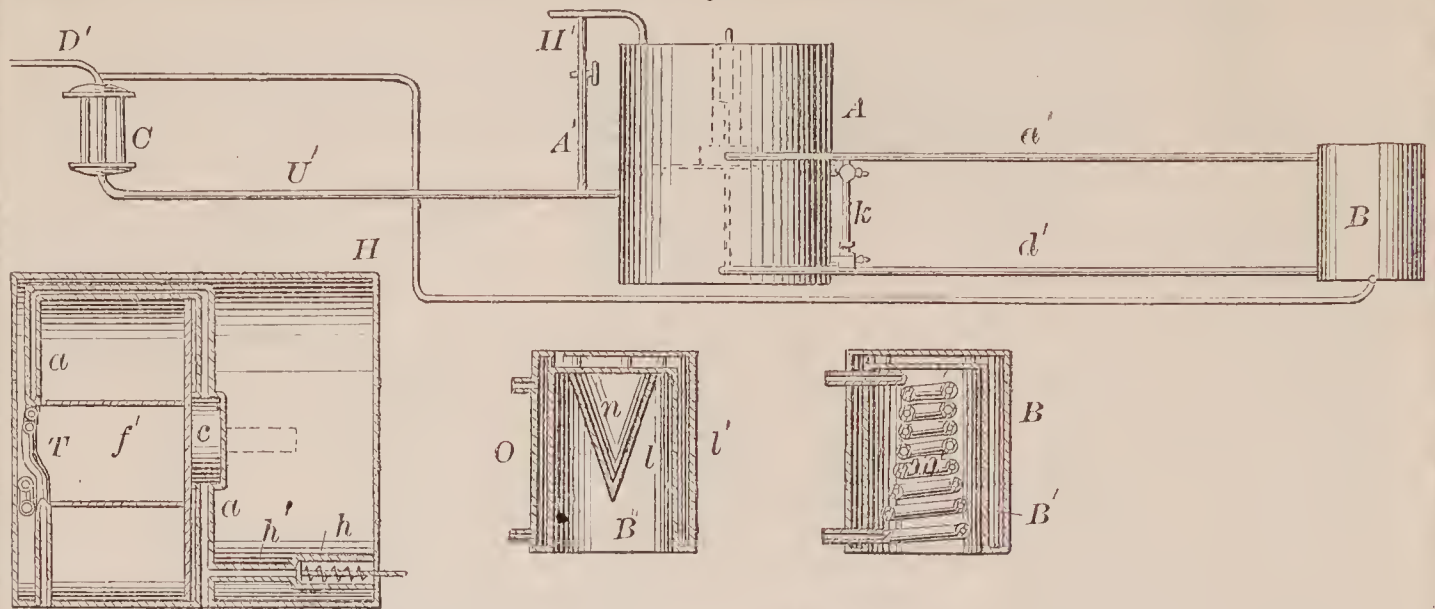
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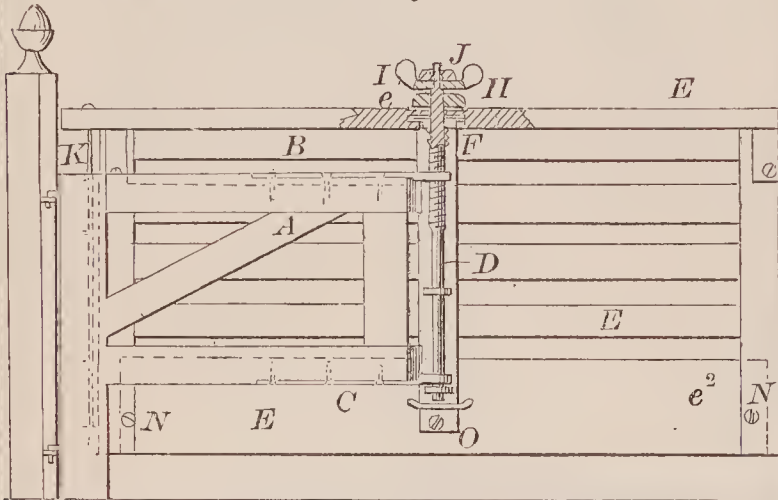
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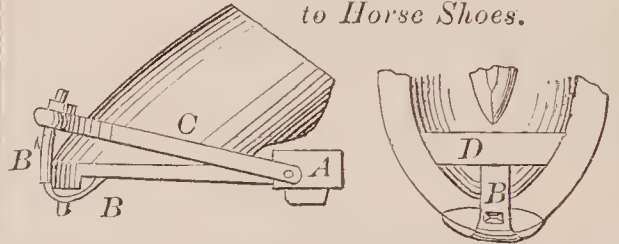
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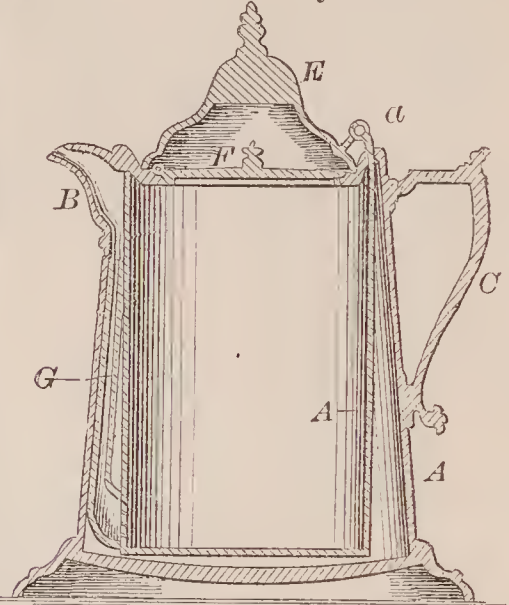
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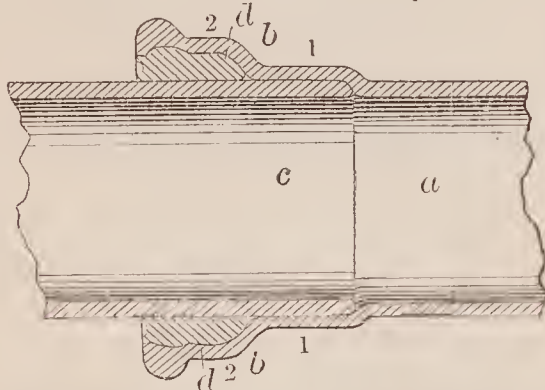
66780—W. J. Berne—Attaching Calks to Horse Shoes.



66779—W. Bellamy—Ice Pitcher.

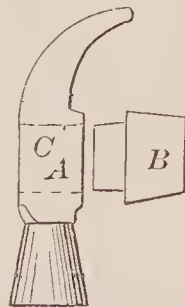


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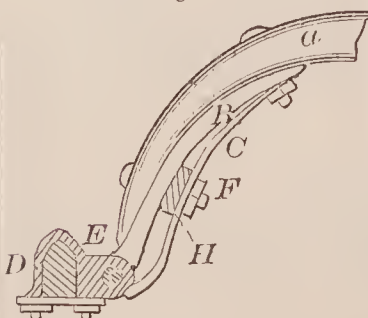


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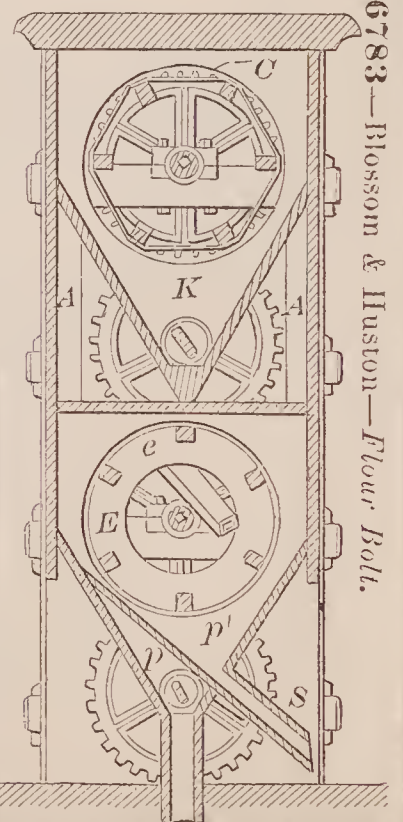
Hammer Head.



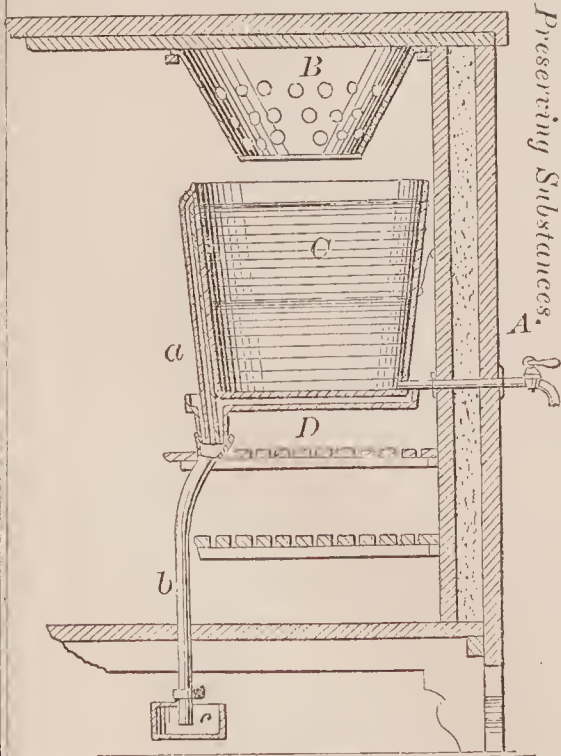
66784—C. Boynton—Attaching Thills.



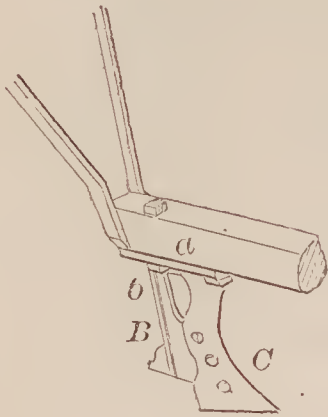
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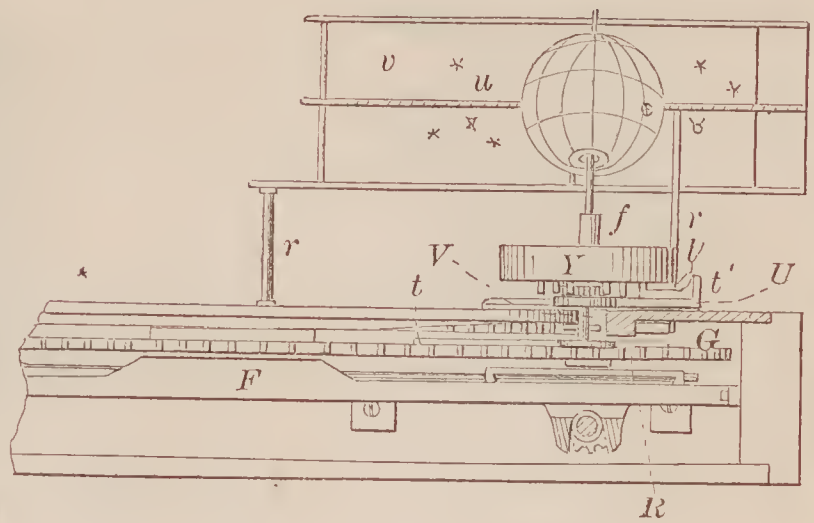
66786—E. D. Brainard—Purifying Air for Preserving Substances.



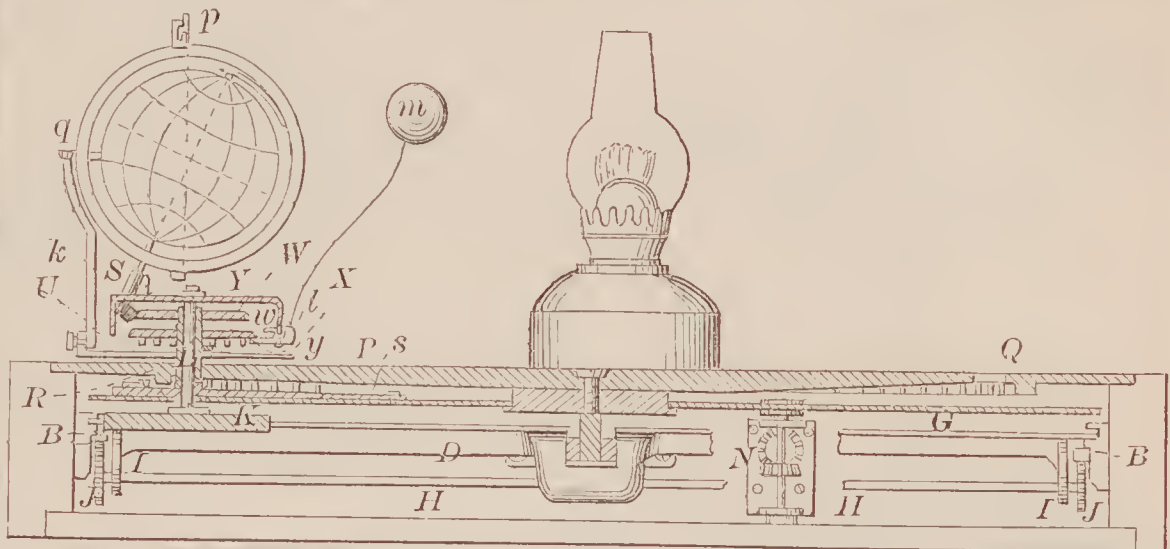
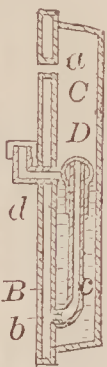
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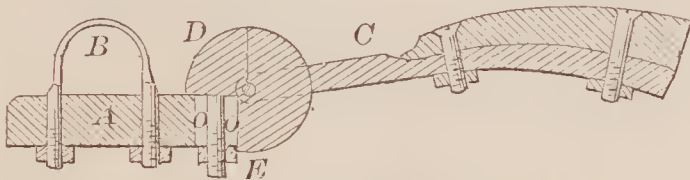
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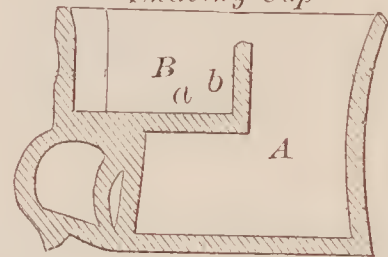
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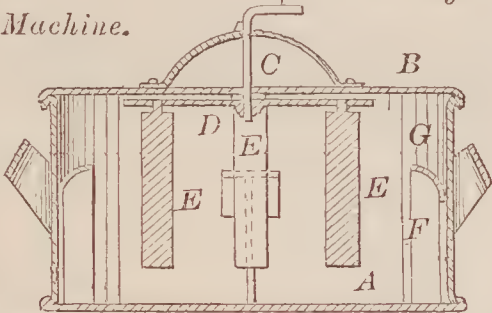
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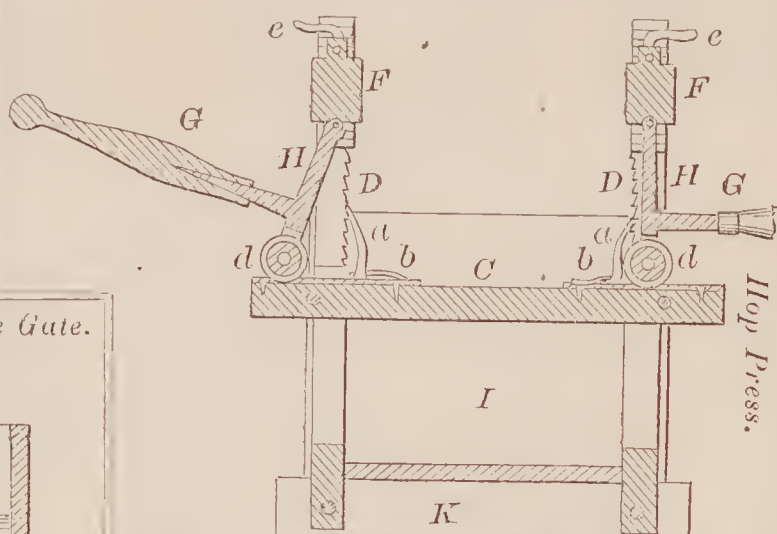
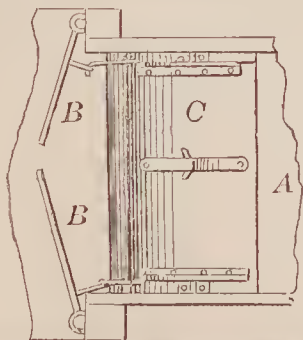
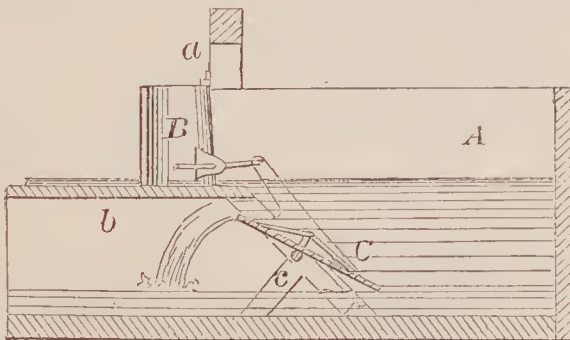
66788—Brooks & McGrady—*Shaving Cup.*



66792—W. L. Camp—*Washing Machine.*

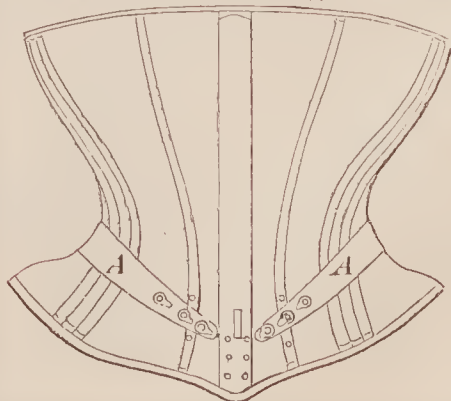


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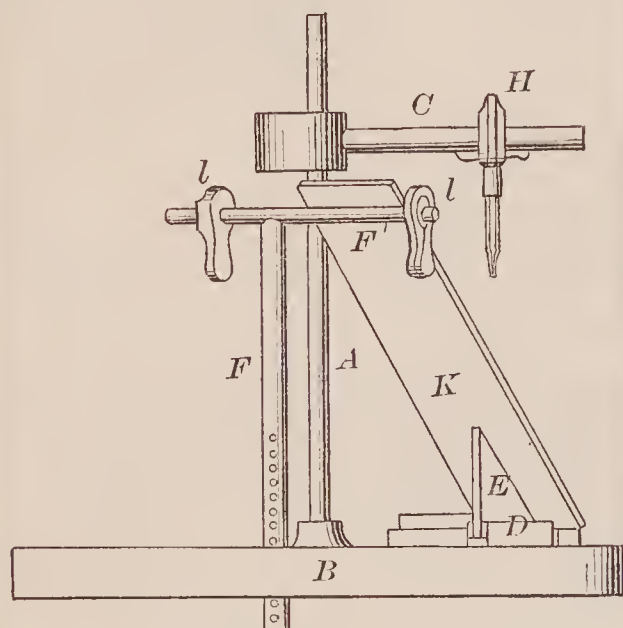
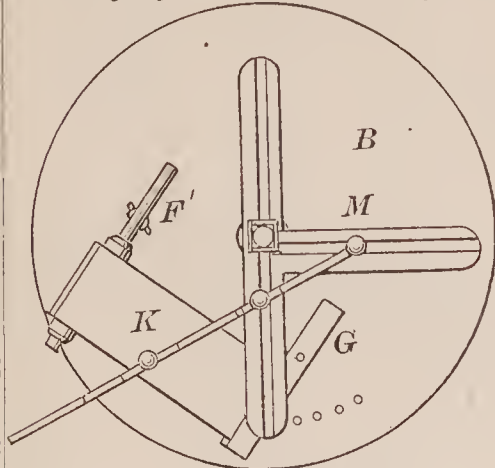


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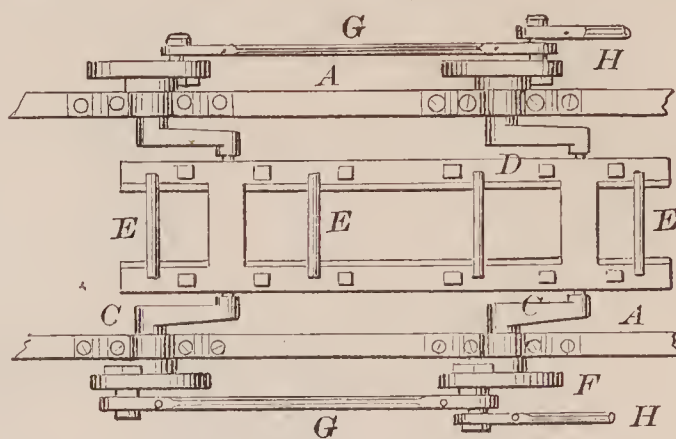
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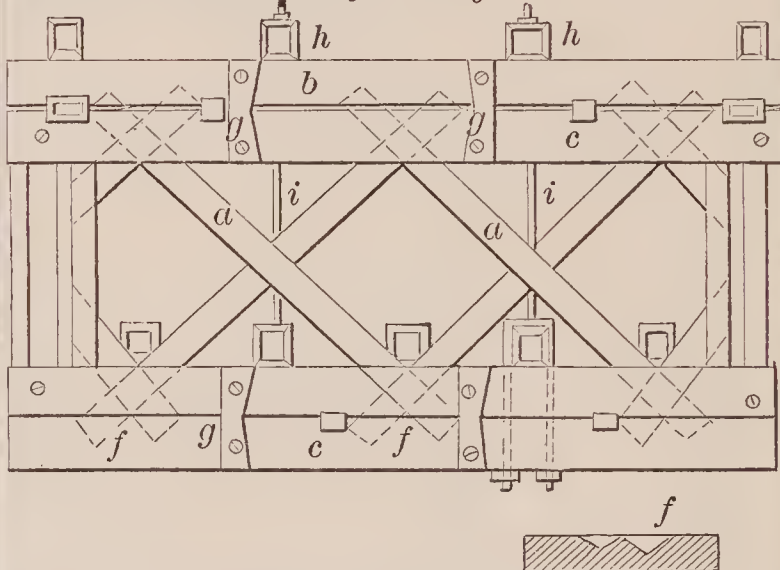
66796—A. Clow—*Instrument for Laying out Stair Railings.*



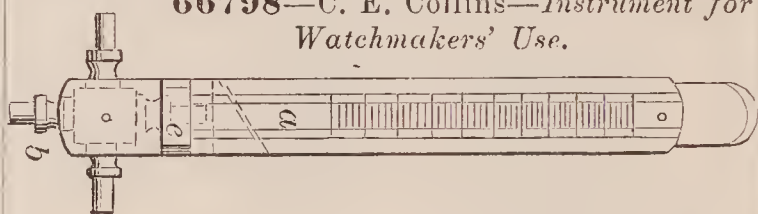
66797—W. A. Cobb—*Propeller.*



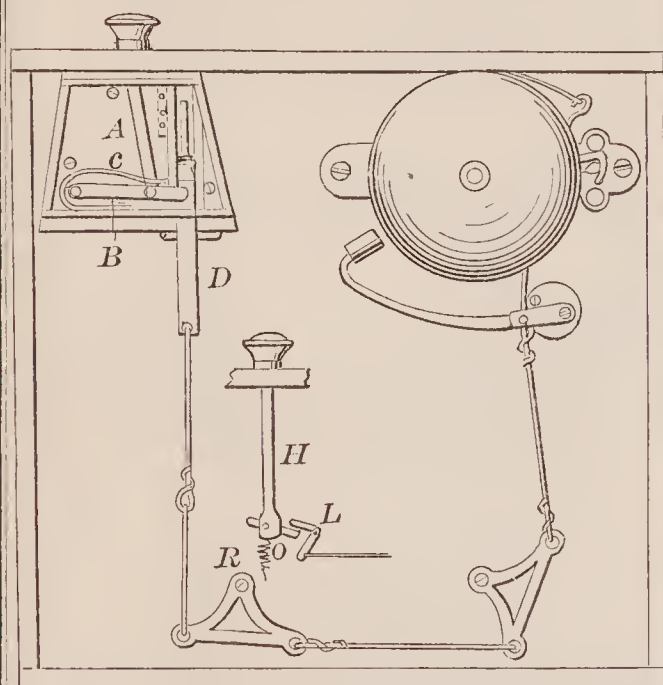
66799—G. W. Corey—*Bridge.*



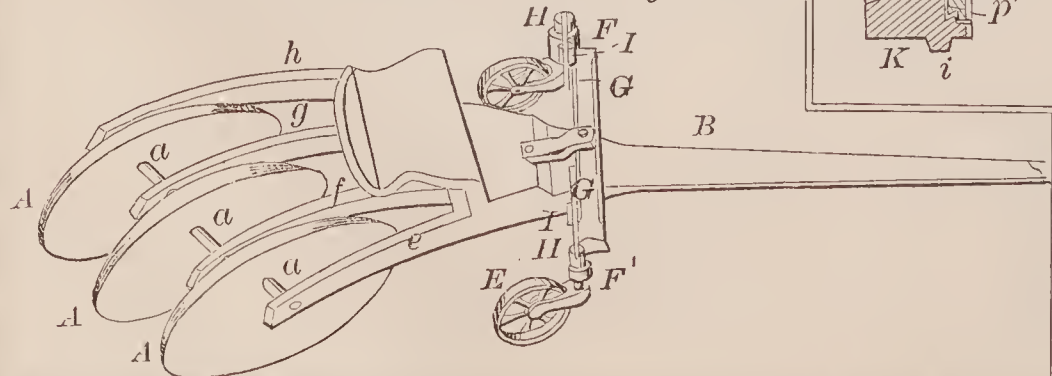
66798—C. E. Collins—*Instrument for Watchmakers' Use.*



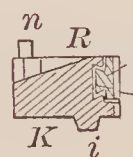
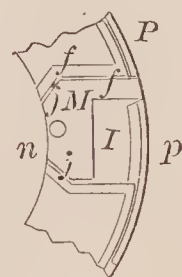
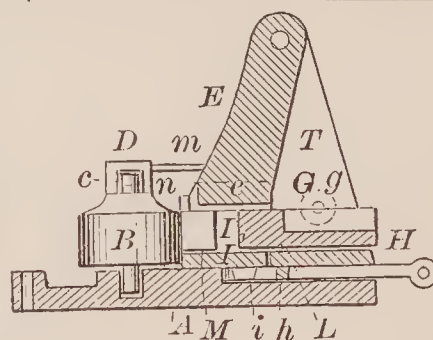
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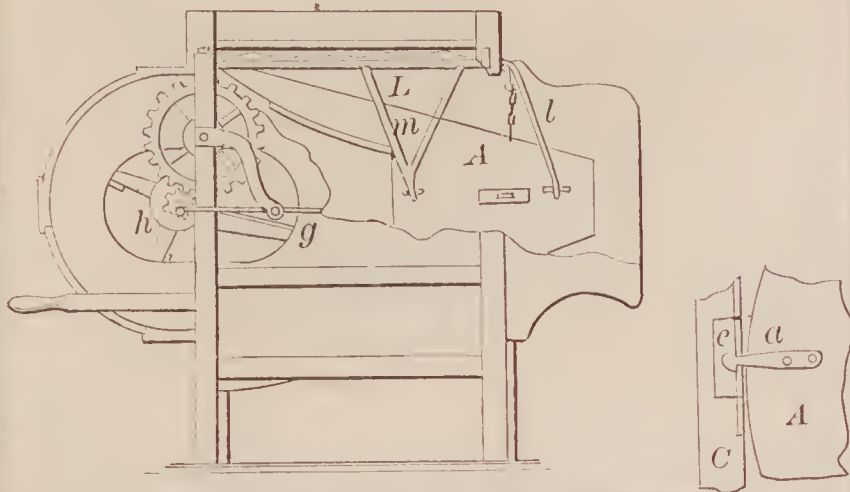
66802—M. A. & I. M. Cravath—*Revolving Plow.*



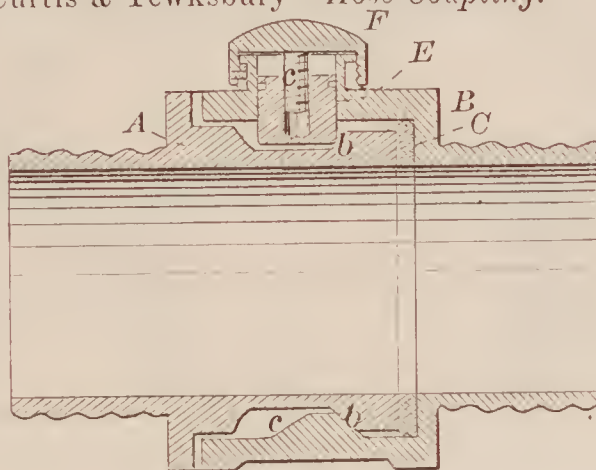
66800—F. F. Cornell, Jr.—*Brick Machine.*



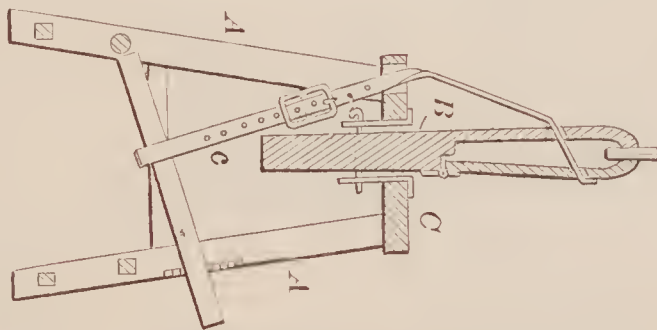
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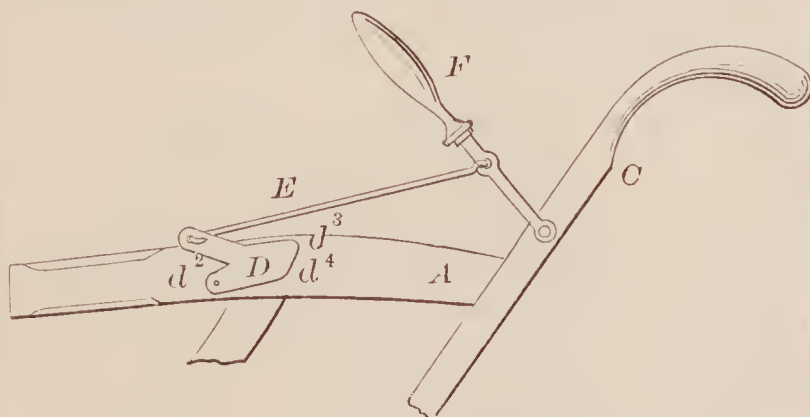
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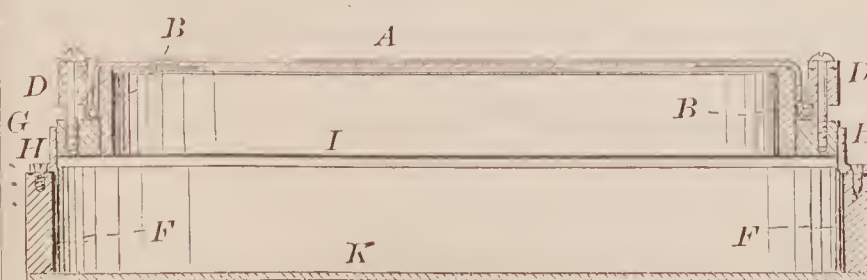
66808—O. A. Dean—*Stitching Horse*.



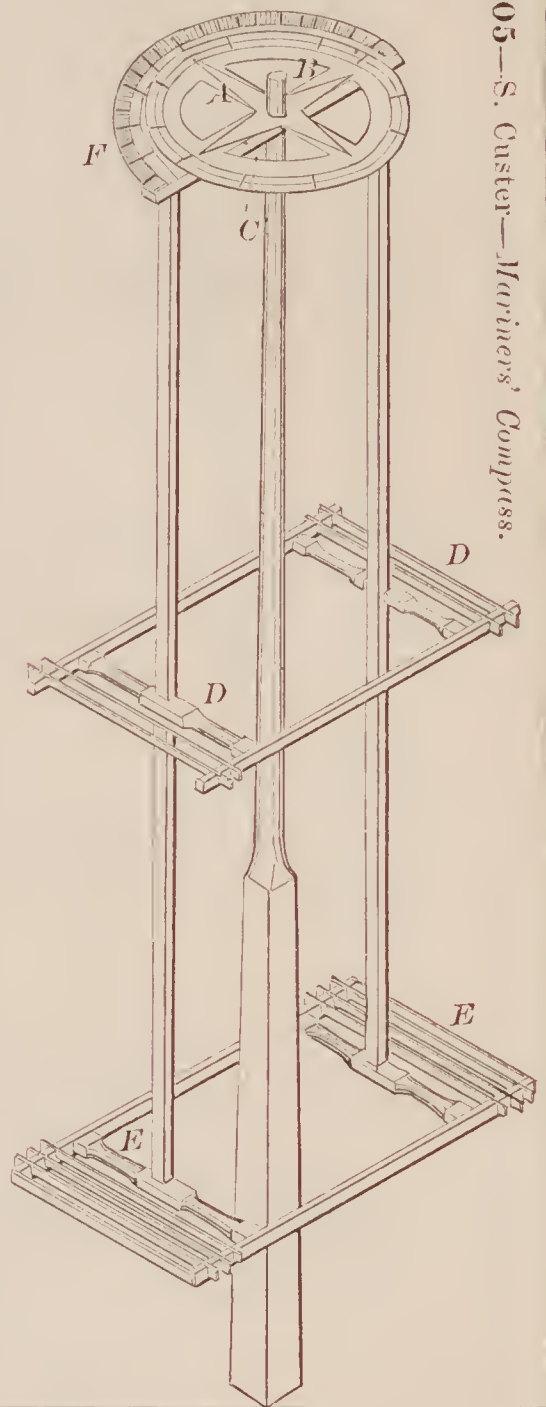
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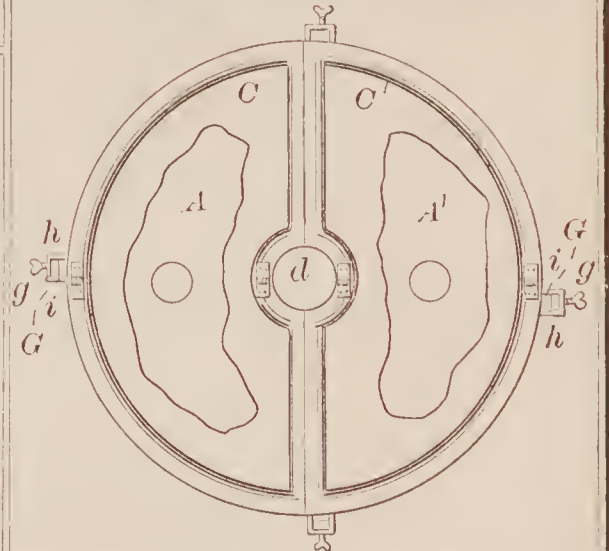
66810—H. C. Dobson—*Banjo*.



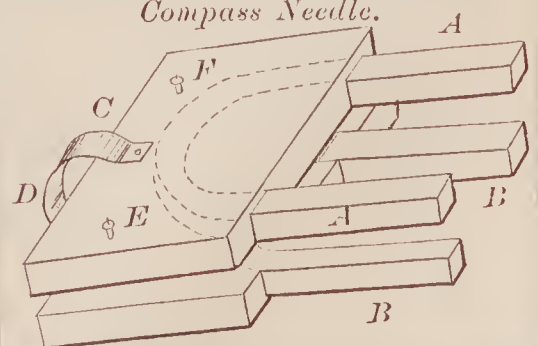
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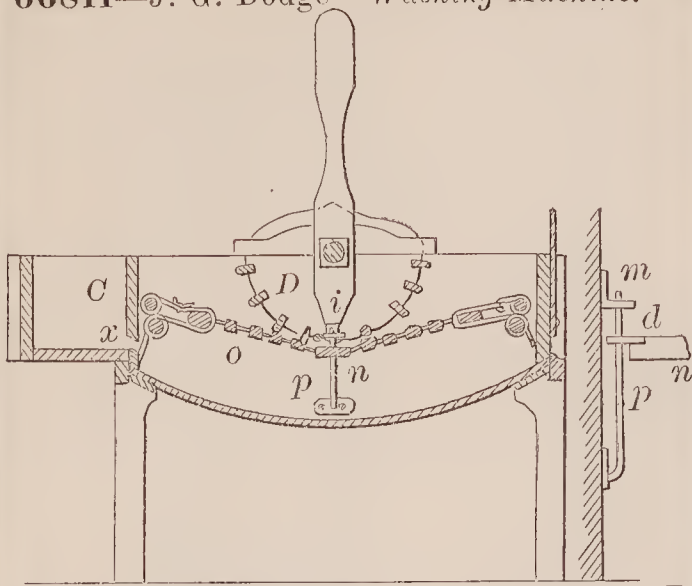
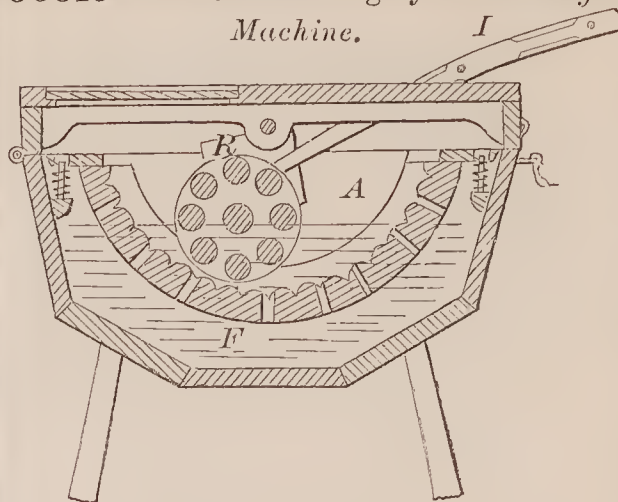
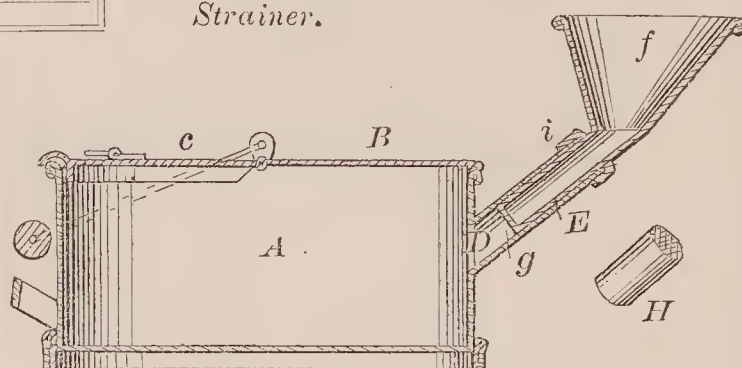
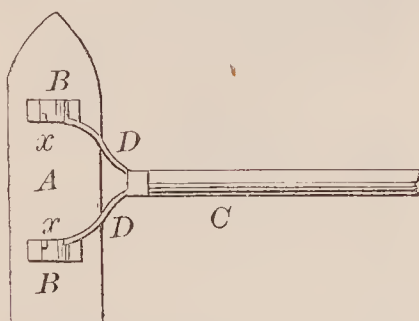
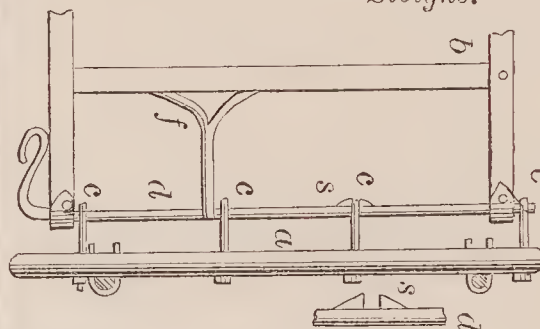
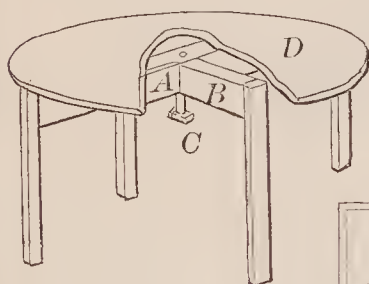
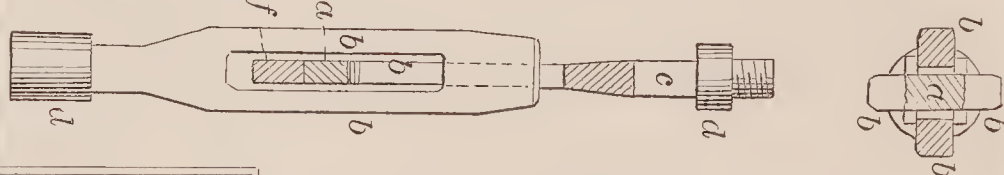
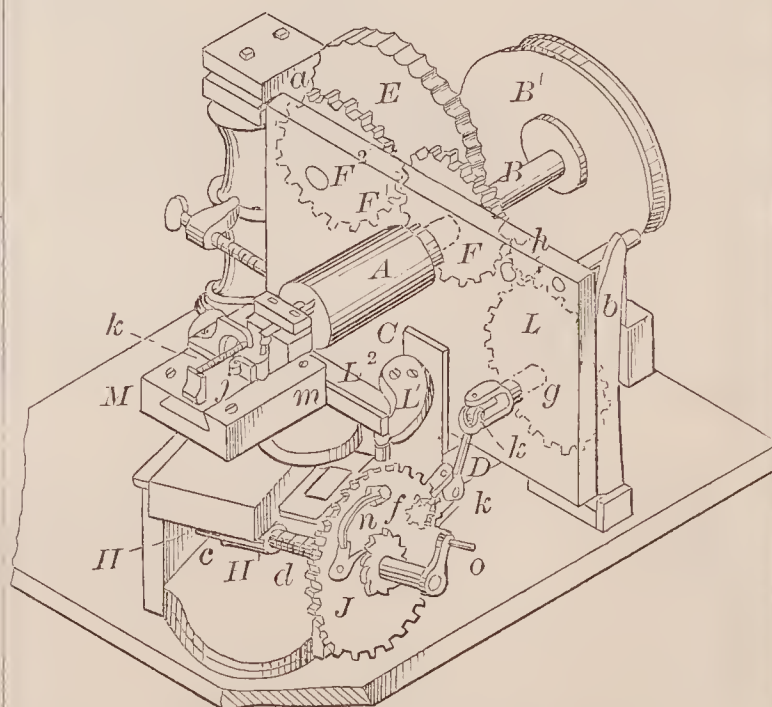
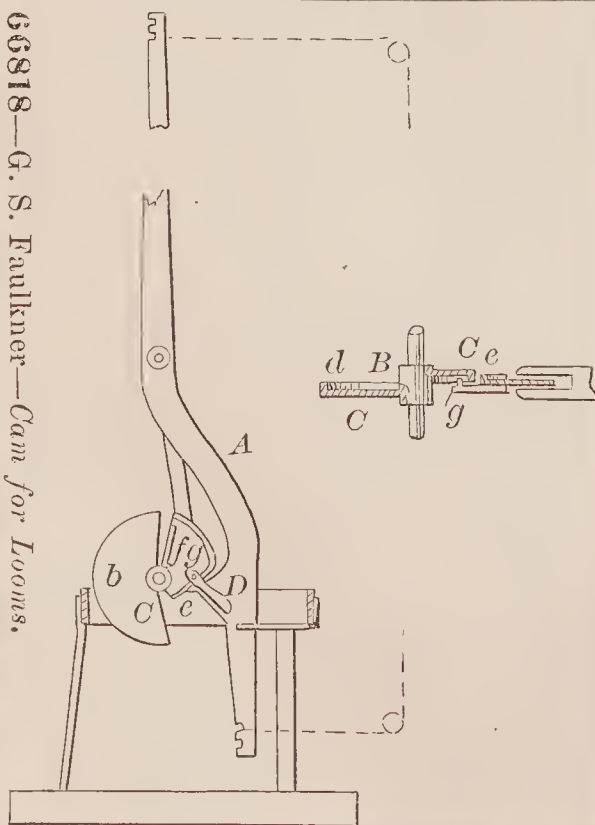


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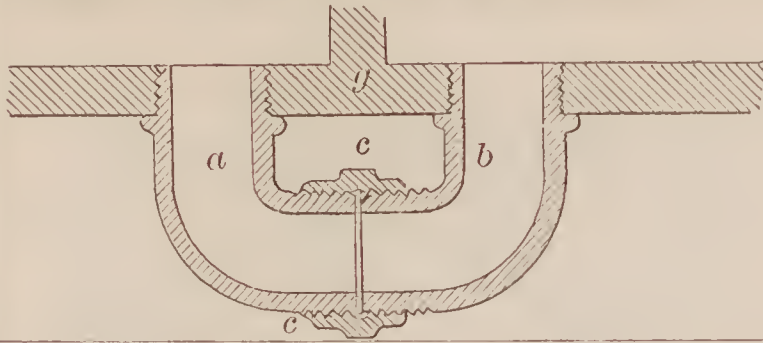


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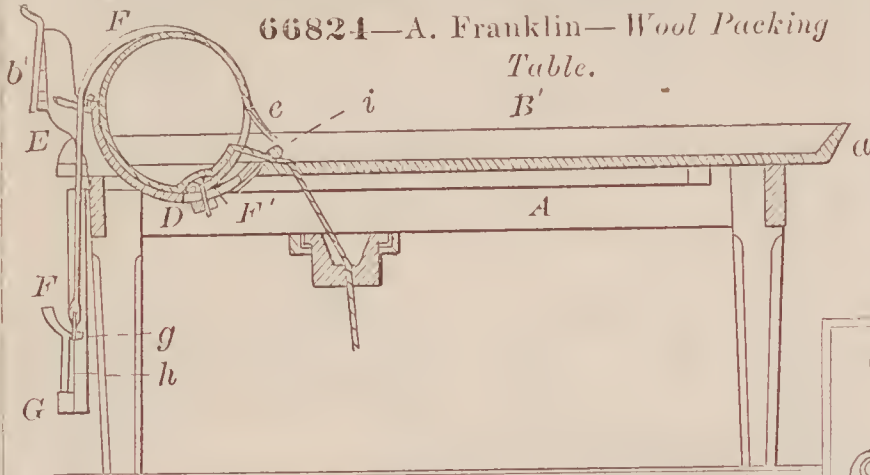


66811—J. G. Dodge—*Washing Machine.*66815—Duncan & Ridgley—*Washing Machine.*66814—J. L. Drake—*Milk Pail and Strainer.*66812—A. J. Doolittle—*Scrubbing Brush.*66817—Edwards & Whiting—*Attaching Thills to Sleighs.*66813—D. Doty—*Folding Table.*66816—J. C. Eastman—*Drill Jar.*66819—C. H. Field—*Rosette Engine.*66818—G. S. Faulkner—*Cam for Looms.*

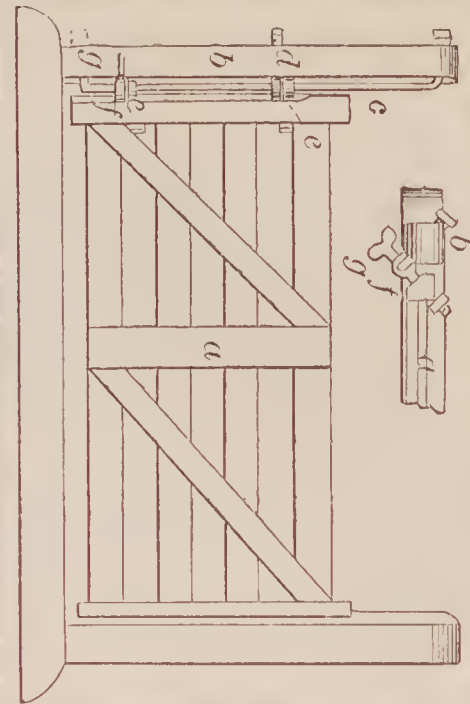
66820—B. Fitts—*Pipe Coupling.*



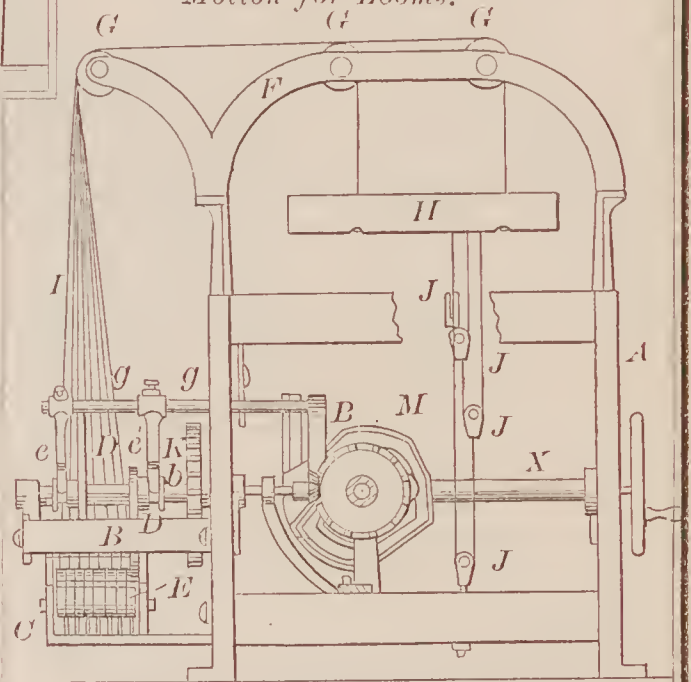
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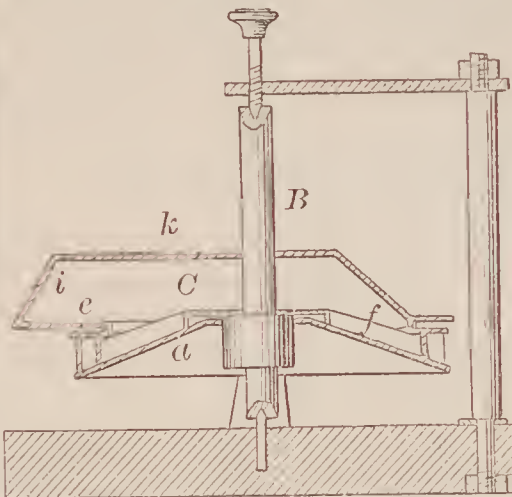
66823—G. W. Fox—*Farm Gate.*



66827—J. F. Gebhart—*Harness Motion for Looms.*



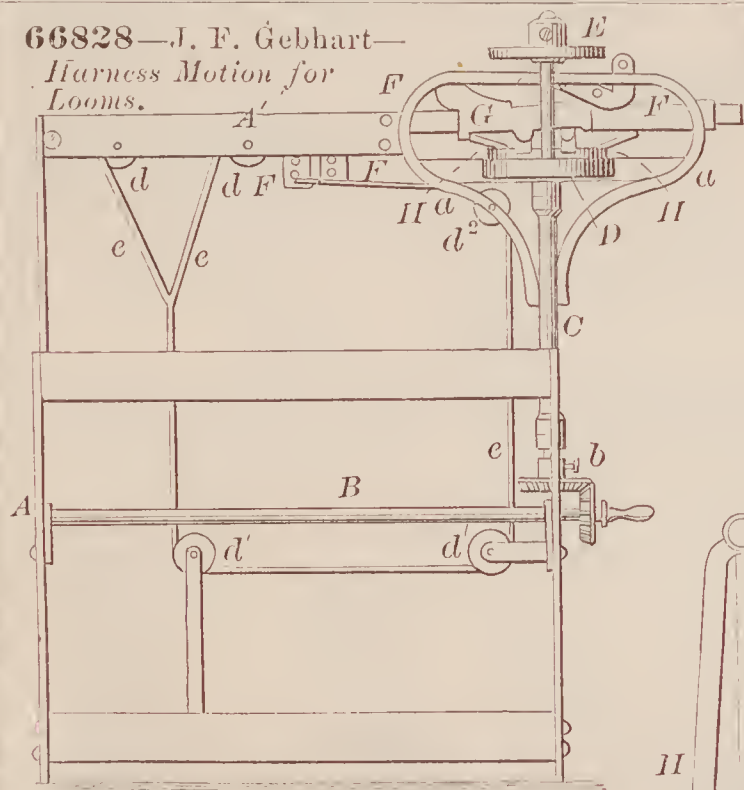
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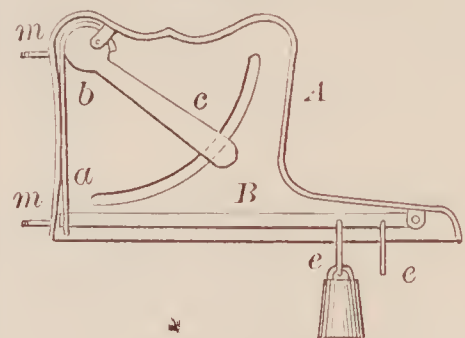
66822—A. Foss—*Whitewash Brush.*



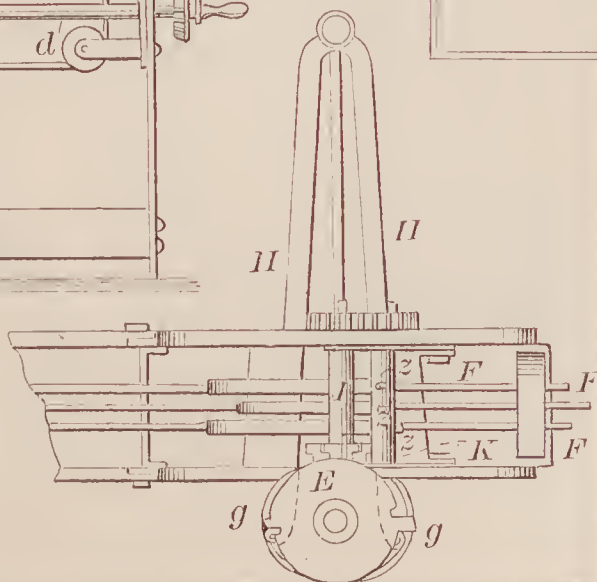
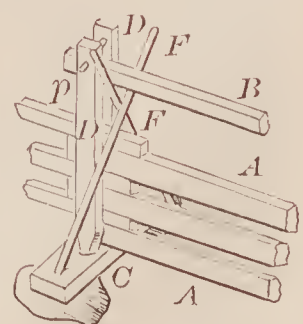
66828—J. F. Gebhart—*Harness Motion for Looms.*

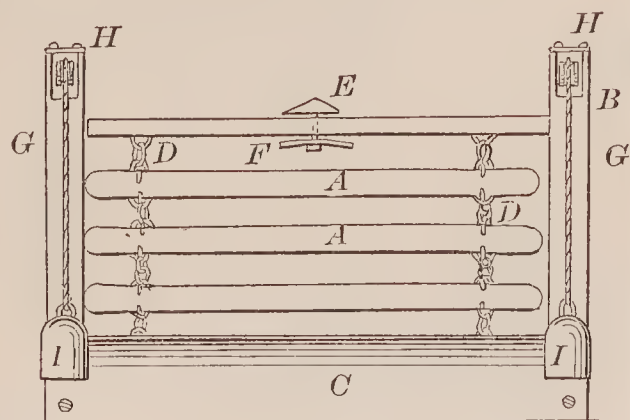
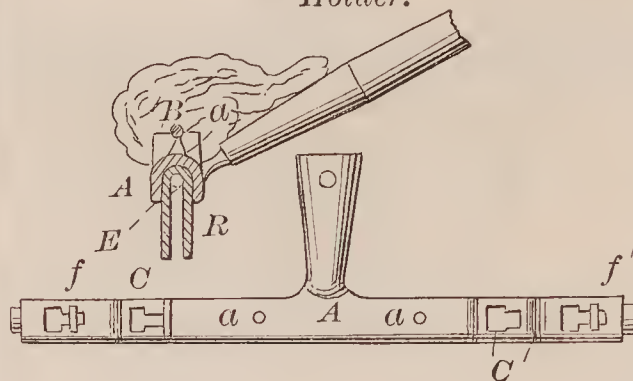
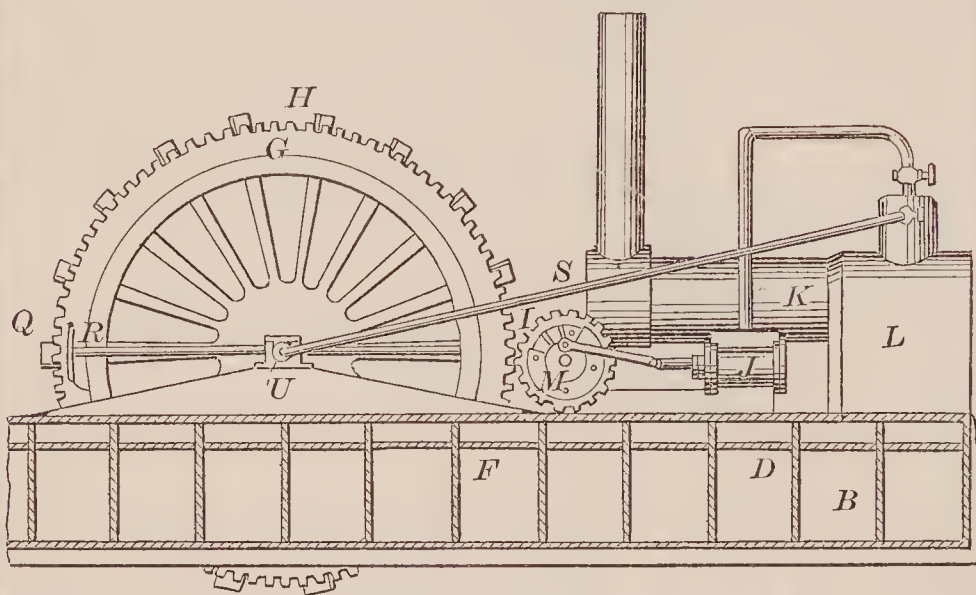
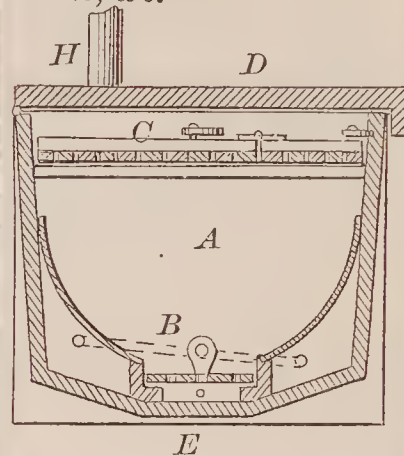
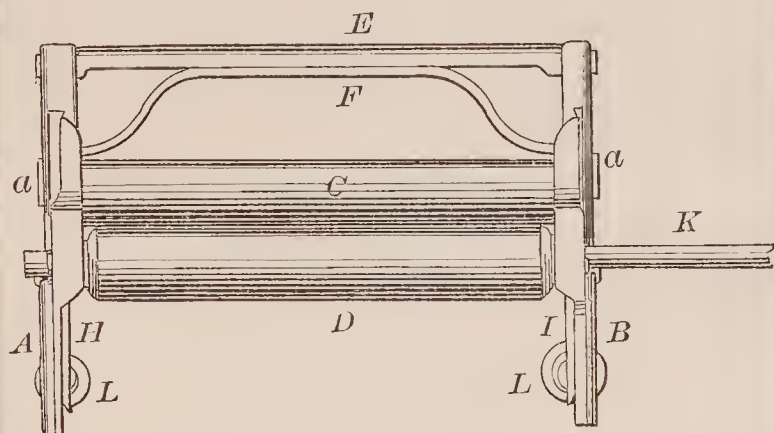
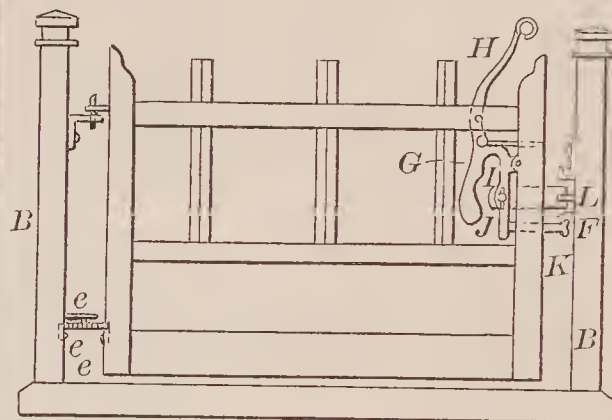
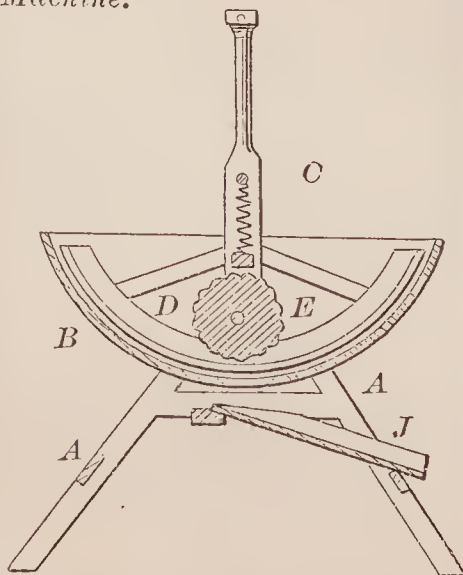
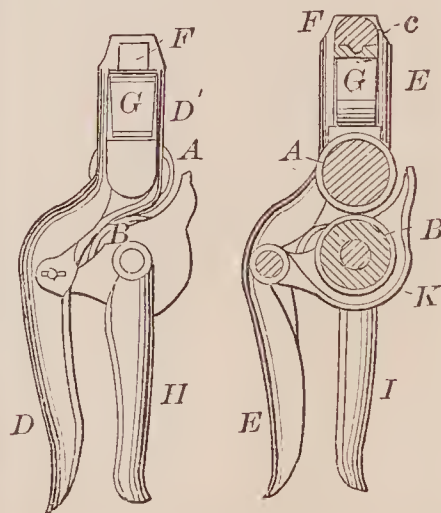
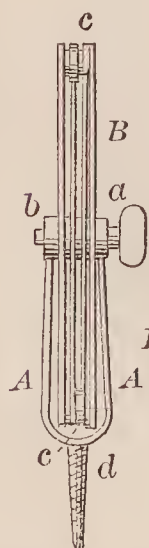


66825—L. H. Franklin—*Weighing Scale.*

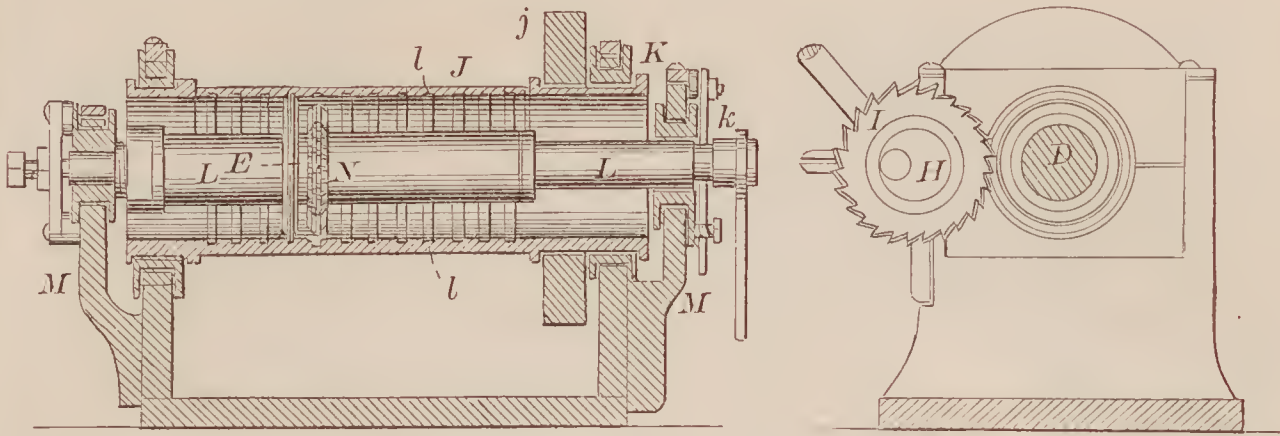


66826—G. L. Gavett—*Fence.*

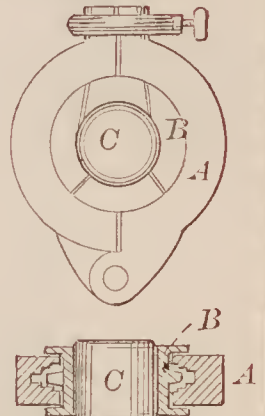
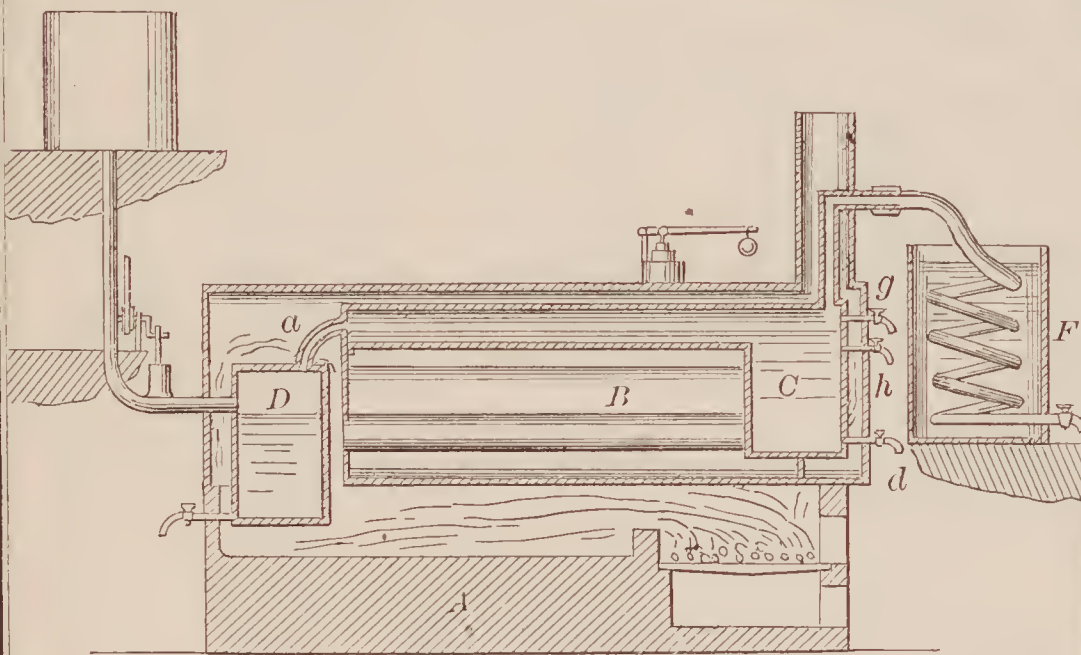


66829—S. Goewey—*Farm Gate.*66834—J. J. Harlan—*Scrubber and Mop Holder.*66830—S. J. Gold—*For Propelling Vessels.*66833—W. S. Haight—*For Hopping Beer, Ale, &c.*66835—Harrison & Harris—*Clothes Wringer.*66832—B. Greenside—*Gate.*66831—W. Goodman—*Washing Machine.*66836—Harrison & Harris—*Clothes Wringer.*66837—A. Menthel—*Knife and Scissors Sharpener.*

66838—B. Hilbert—For Making Centres for Watch Cases.



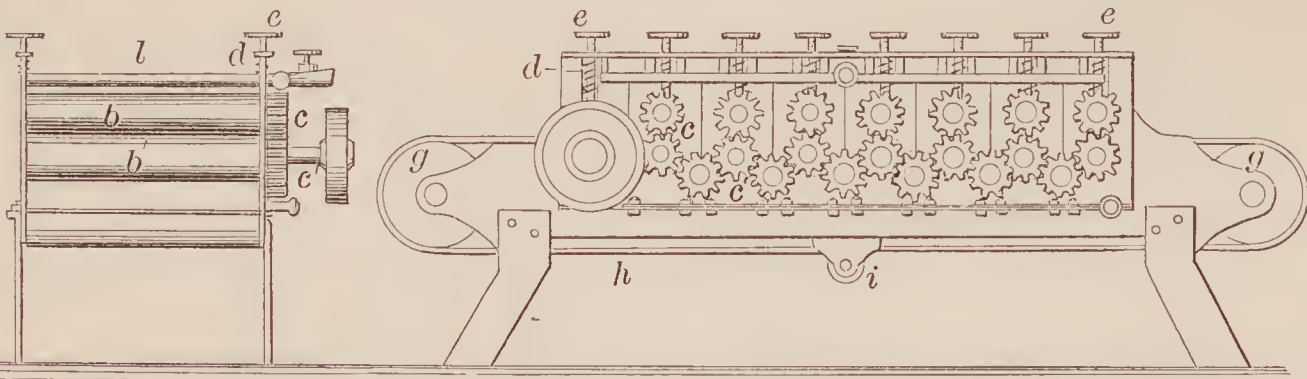
66841—C. G. Howell—For Distilling and Refining Petroleum.



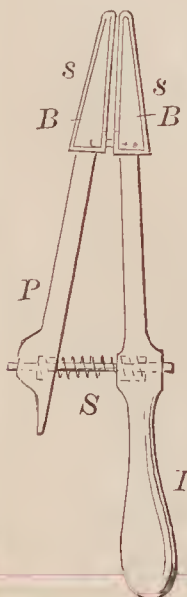
56840—
B. D. Howe—Preventing
Horses from Biting and
Cribbing.



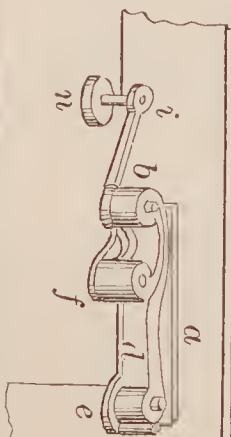
66839—I. Hogeland—Washing and Wringing Machine.



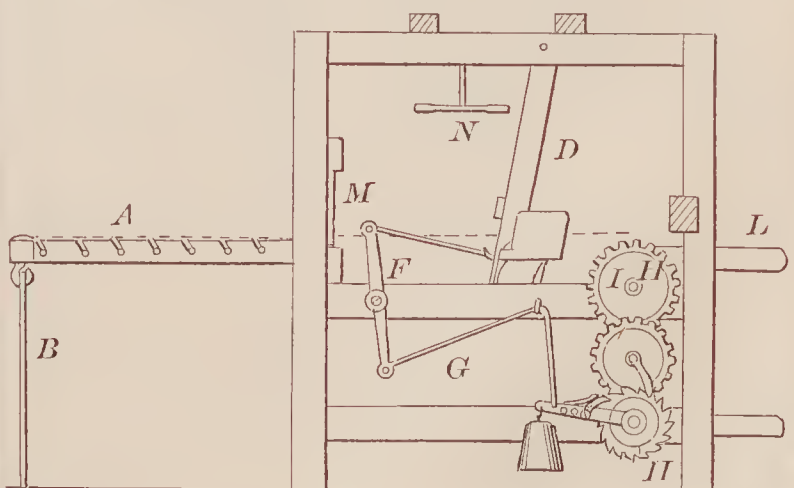
66842—F. M. Hubbard—Dish
Holler.



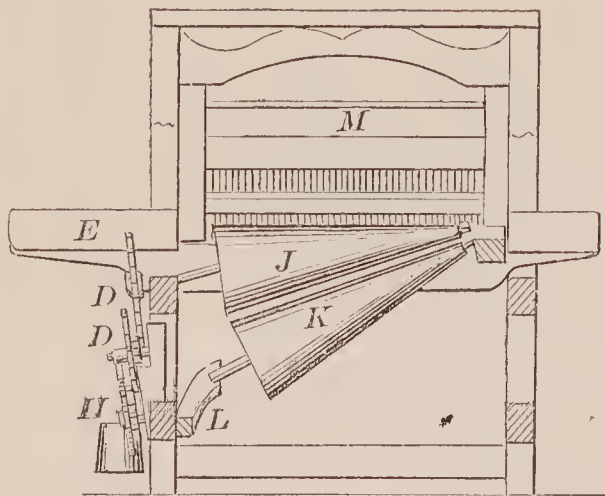
66843—H. Hughes—Door Spring.



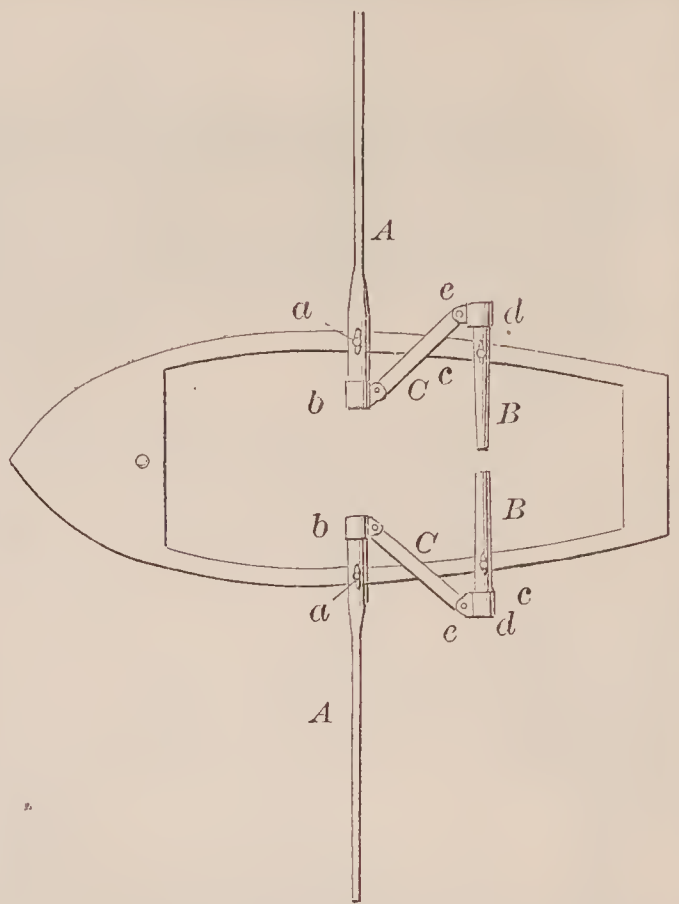
66844—F. W. Huppelsberg—Loom.



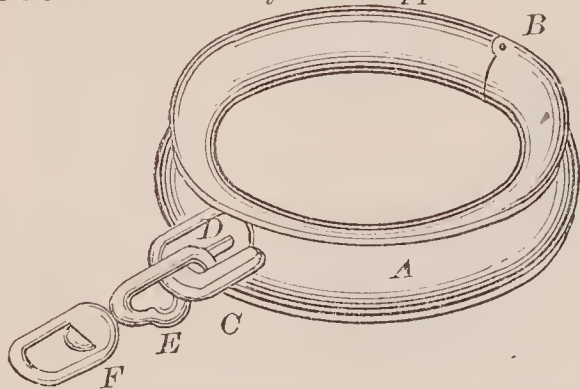
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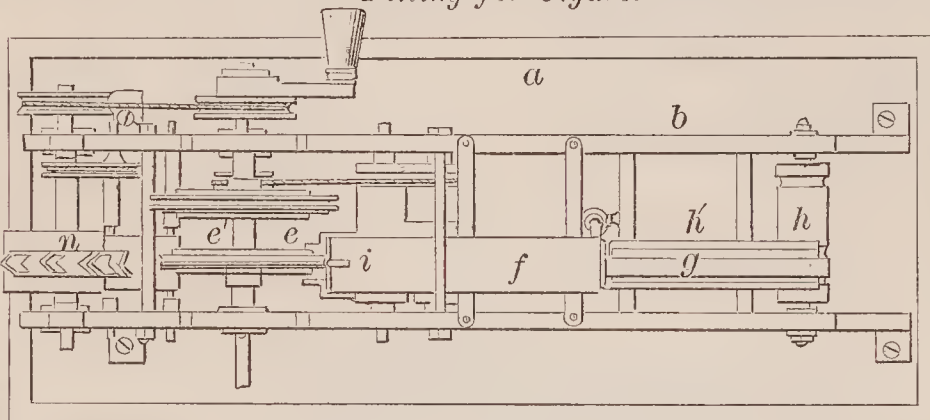
66847—A. S. Jacobs—Oar.



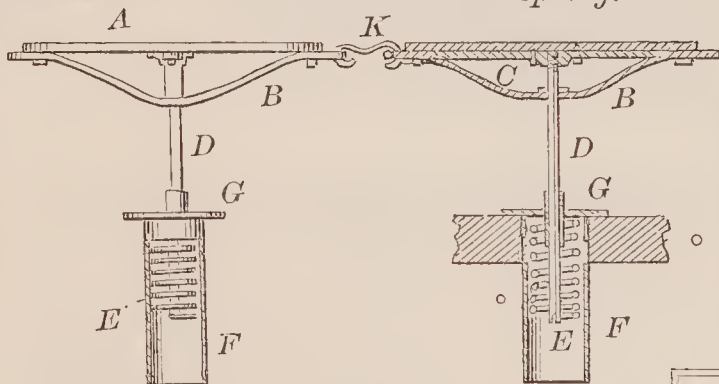
66846—G. W. Hyatt—Hopple.



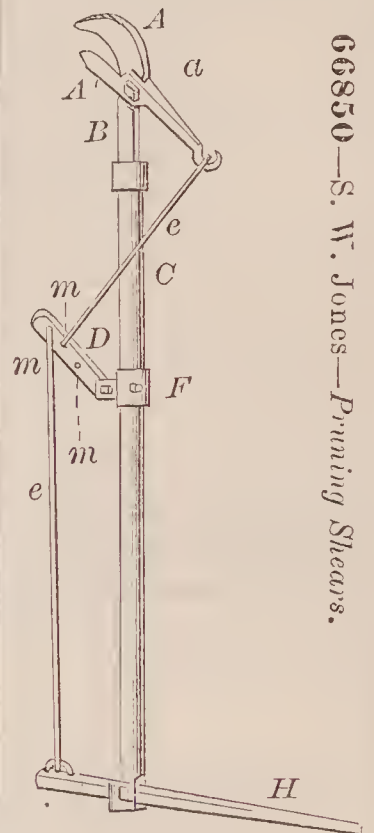
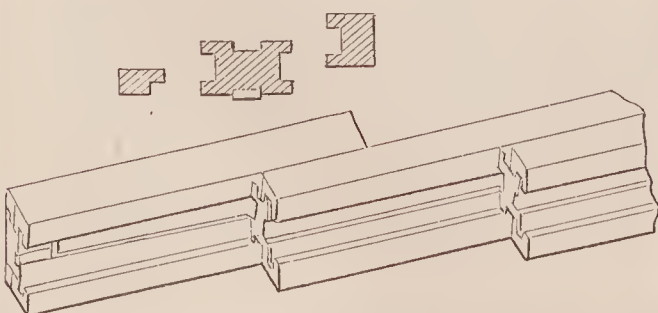
66845—W. W. Huse—For Compressing and Cutting the Filling for Cigars.



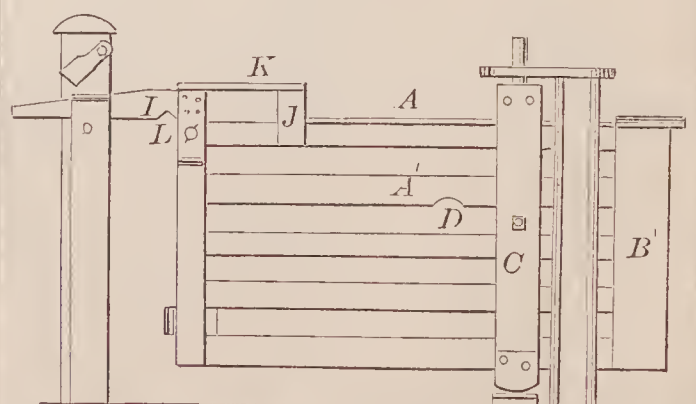
66849—J. Johnson—Bed Bottom Spring.

66848—P. Jewell, Jr.—
Rubber Coated Rubber
Belting.

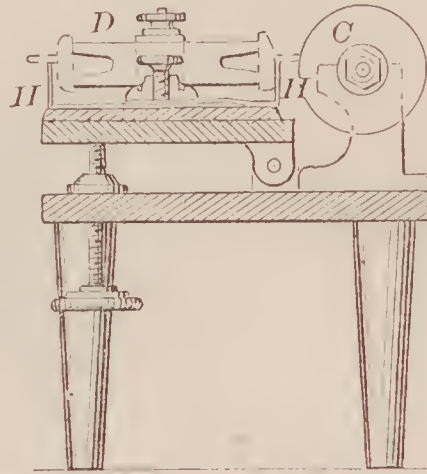
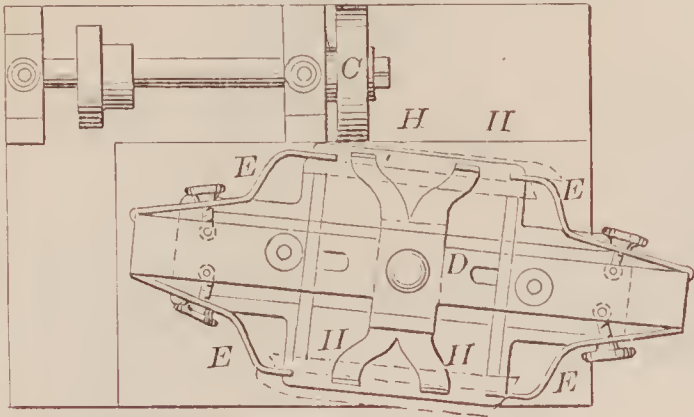
66850—S. W. Jones—Pruning Shears.

66851—C. Kean—Extension Side for
Tables.

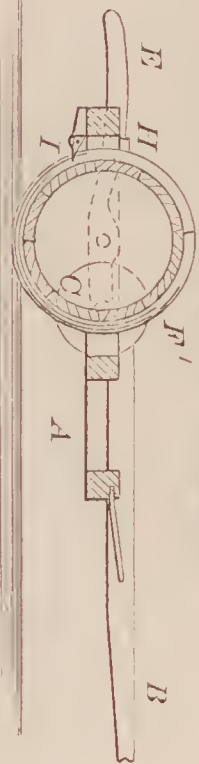
66852—E. Kemper—Gate.



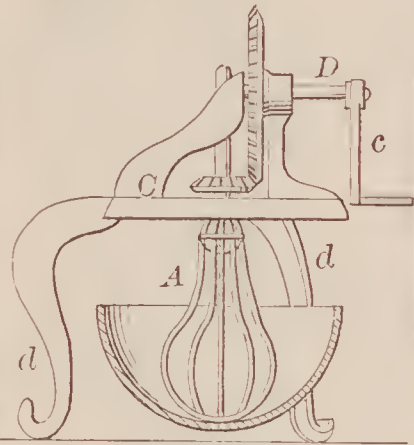
66853—A. Kipp, Jr.—*For Grinding Skate Runners.*



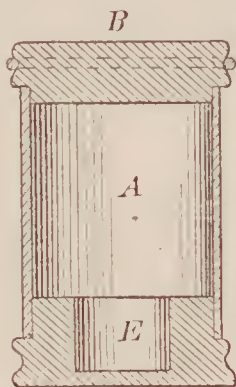
66861—A. Mains—*Land Roller and Marker.*



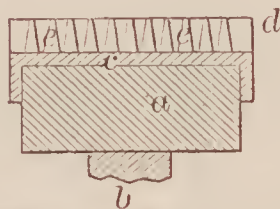
66855—P. Klepper—*Egg Beater.*



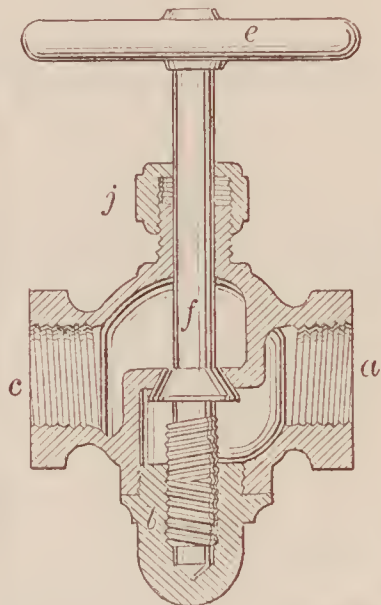
66858—C. L. Lochman—*Box for Indelible Ink, &c.*



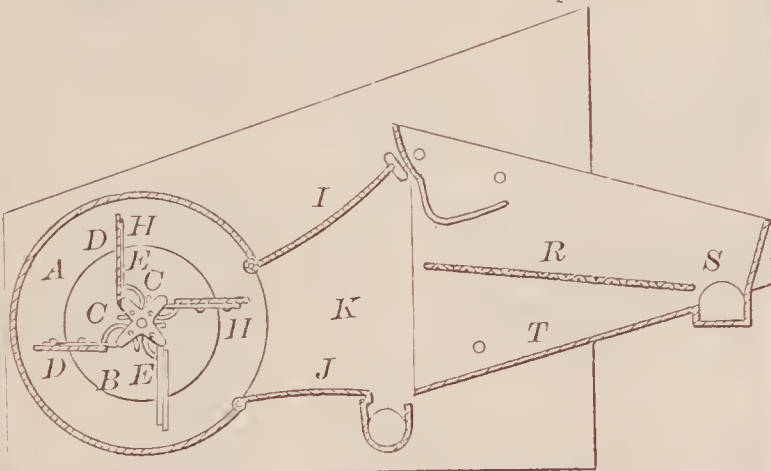
66856—B. I. Lane—*Scrubbing Utensil.*



66857—D. Lee—*Globe Valve.*



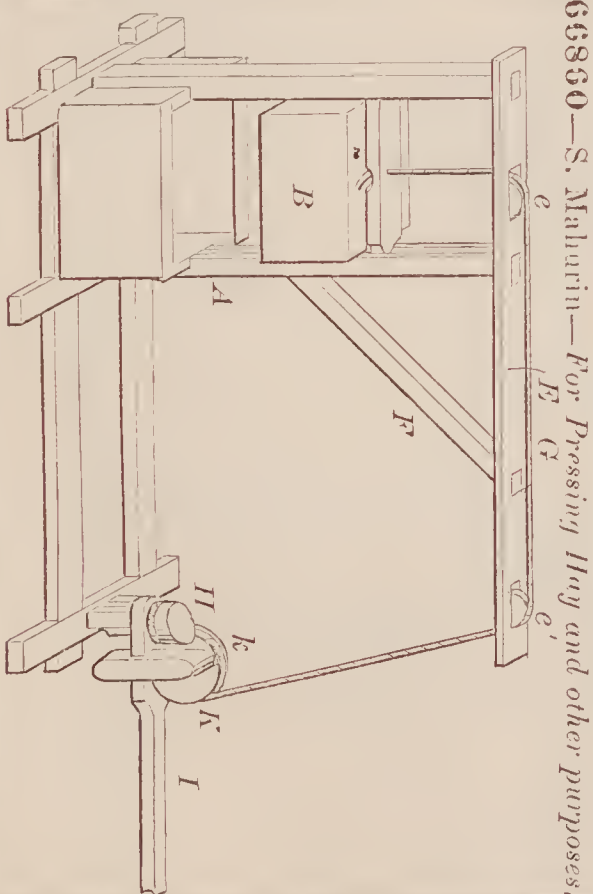
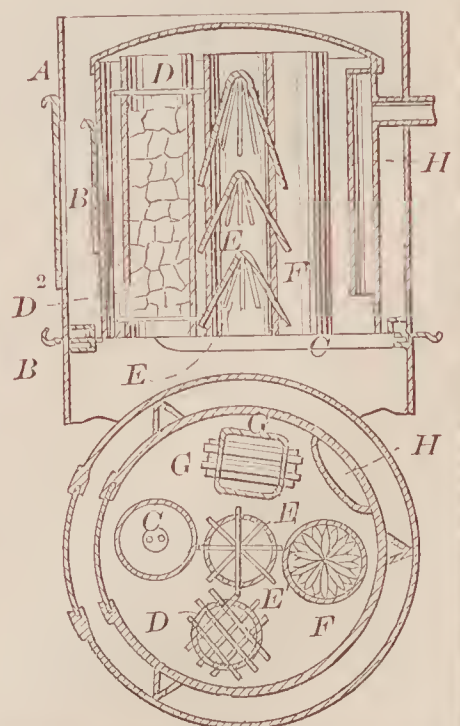
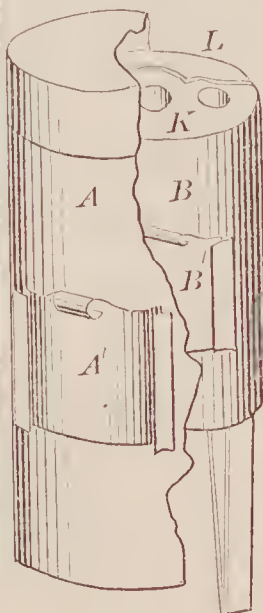
66859—A. W. Lockart—*Grain Separator.*



66854—Kissell & Blickensderfer—*Corrugated Lightning Rod.*

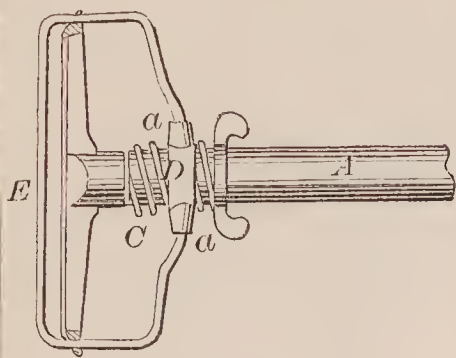


66862—M. S. Marshall—*Gas Stove.*

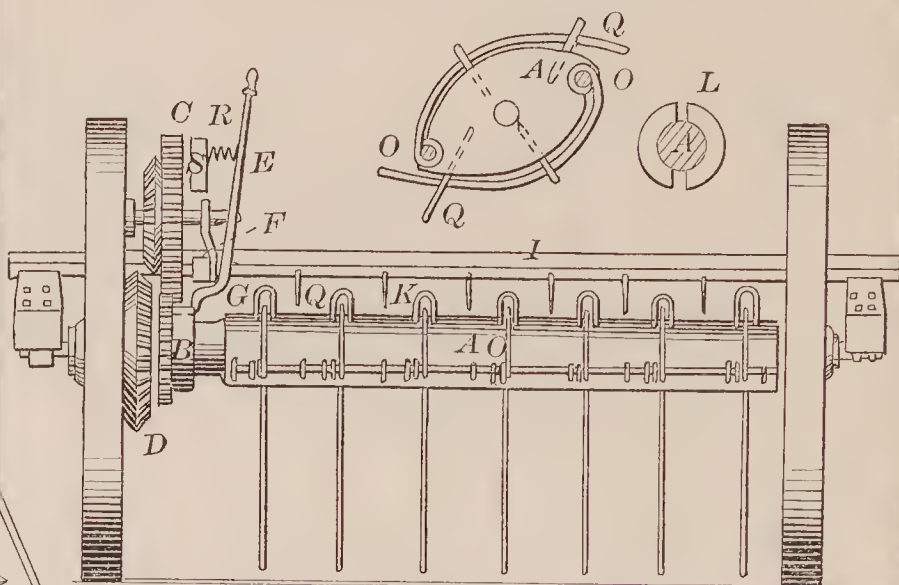


66860—S. Mahurin—*For Pressing Hay and other purposes.*

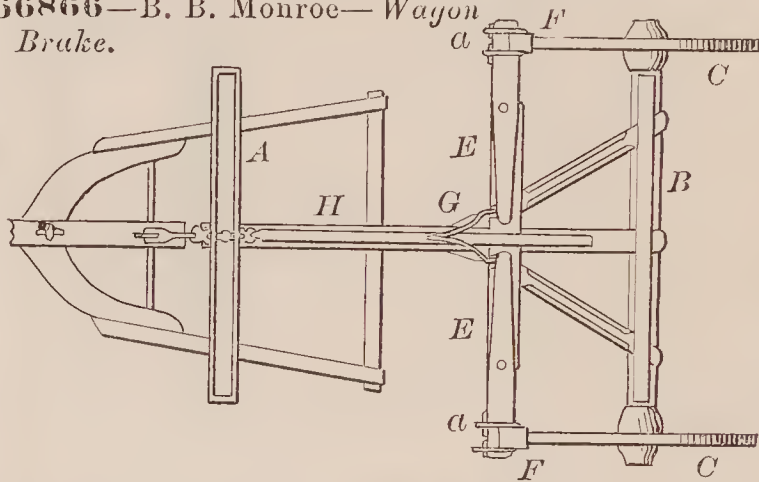
66863—Mason & Messenger—*Mop Head.*



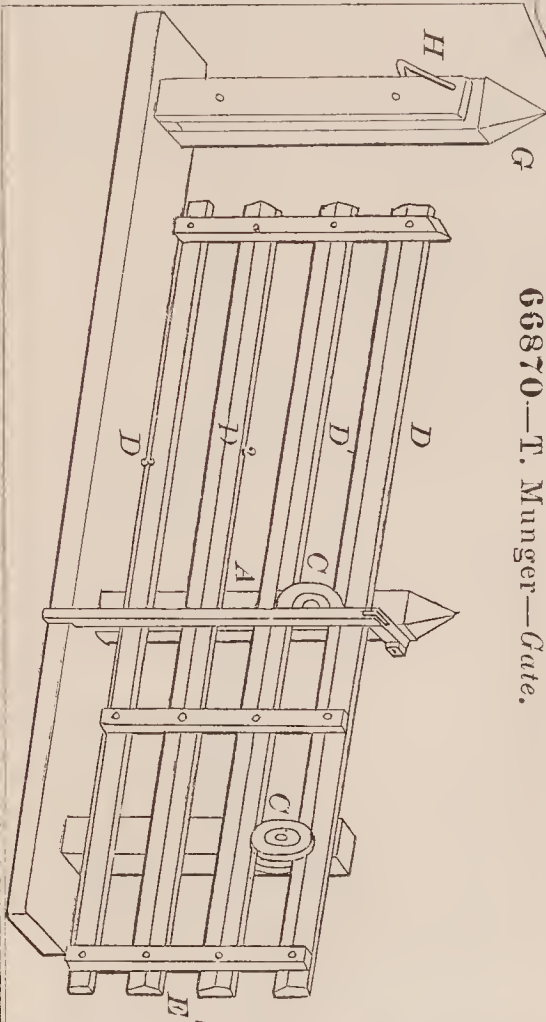
66865—W. H. McPherson—*Horse Rake.*



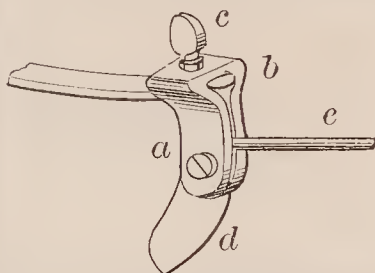
66866—B. B. Monroe—*Wagon Brake.*



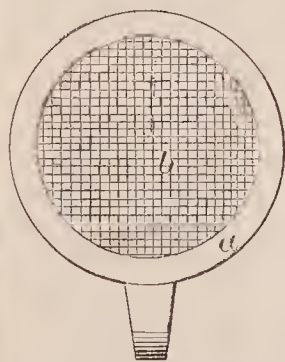
66870—T. Munger—*Gate.*



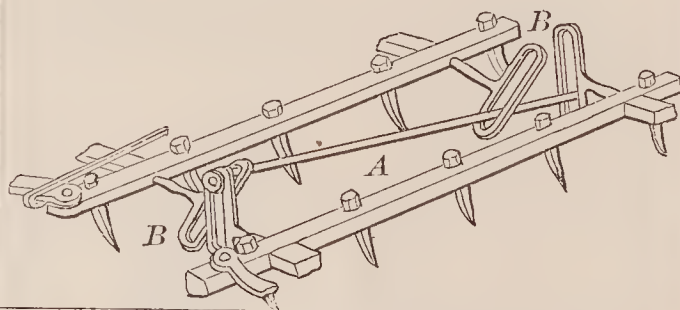
66864—J. W. Maxfield—*For Crimping Boots and Shoes.*



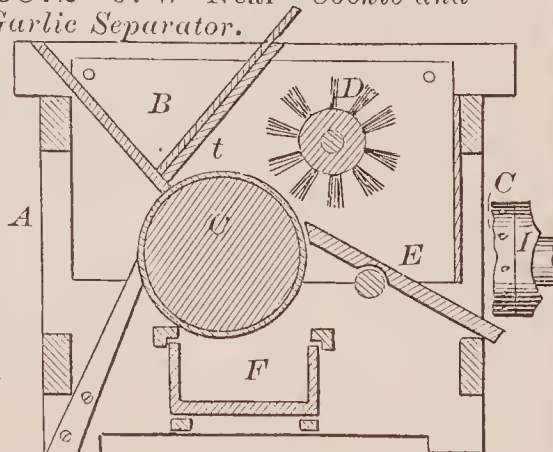
66867—F. Monroe—*Flour Box.*



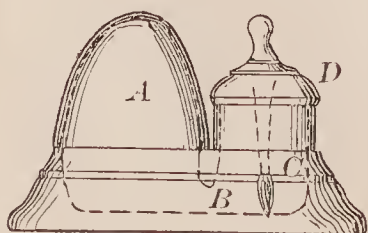
66869—J. E. Morgan—*Harrow.*



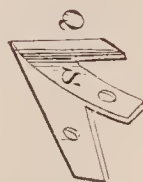
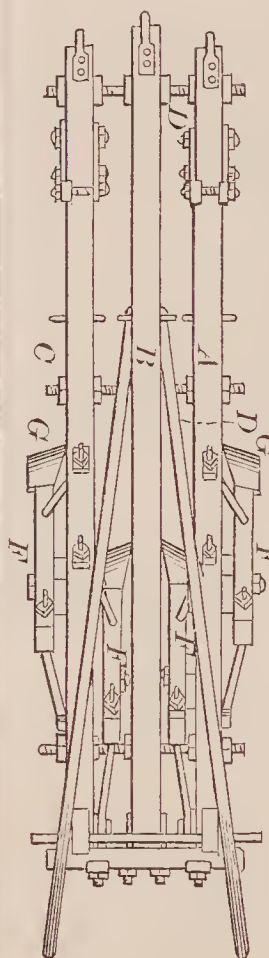
66872—J. W. Neal—*Cockle and Garlic Separator.*



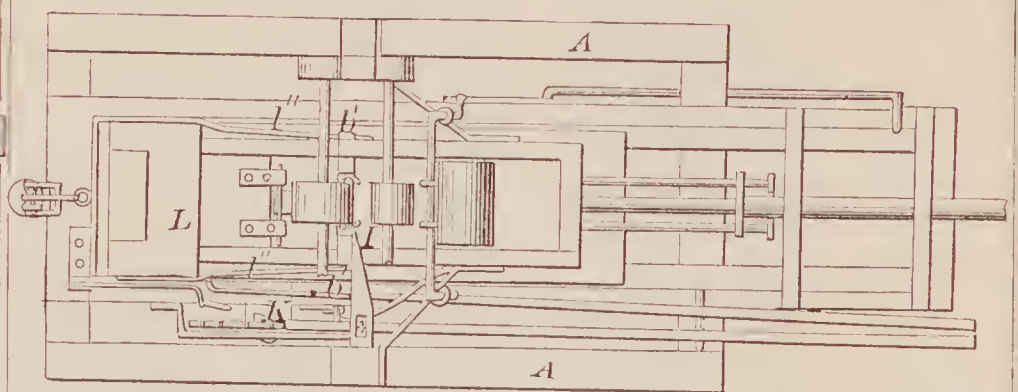
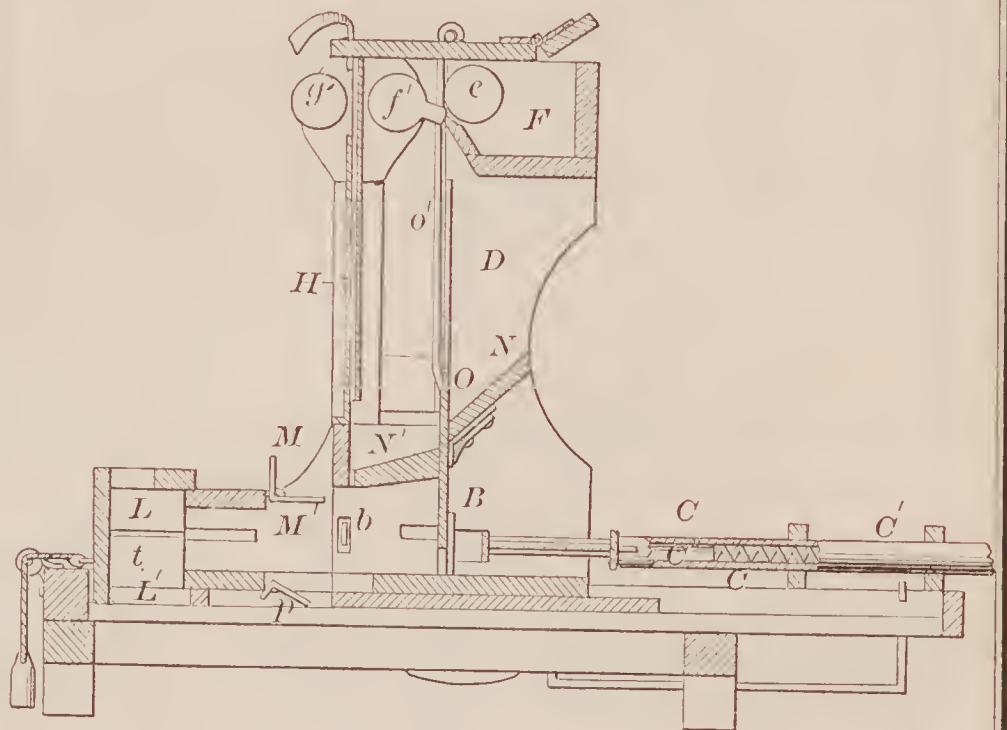
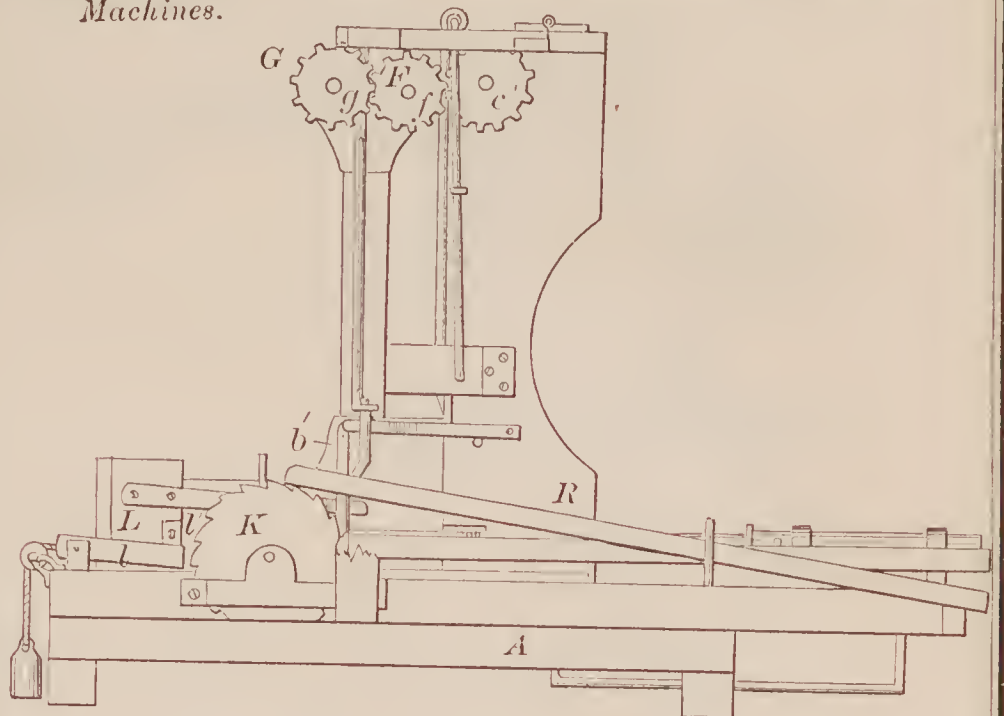
66868—E. Morgan—*Mucilage Stand.*



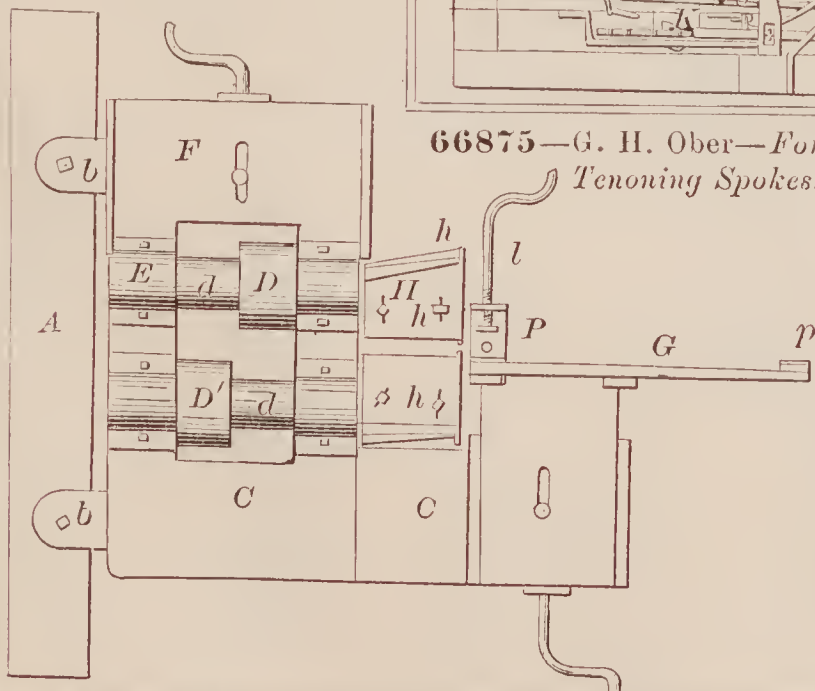
66871—J. Murphy—*Cultivator.*



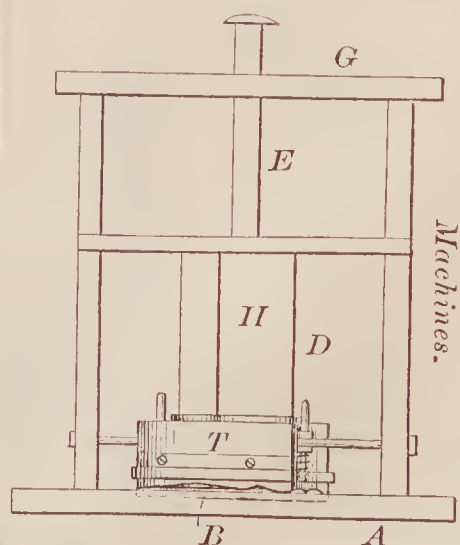
66876—E. B. Olmsted—*Packing Apparatus for Envelope Machines.*



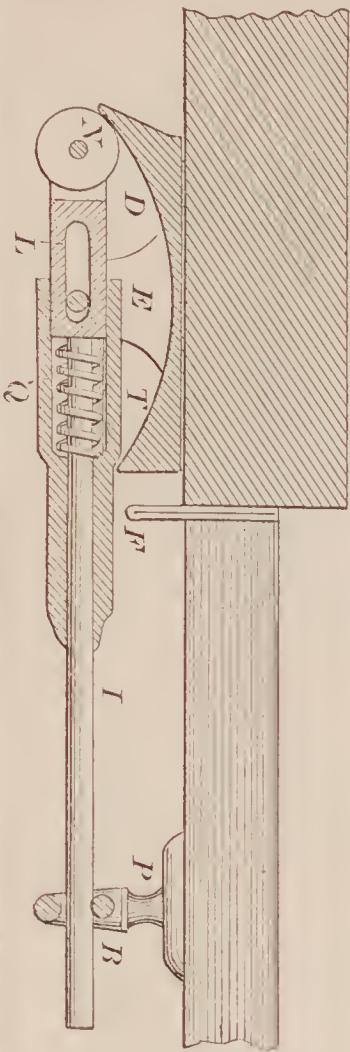
66875—G. H. Ober—*For Tenoning Spokes.*



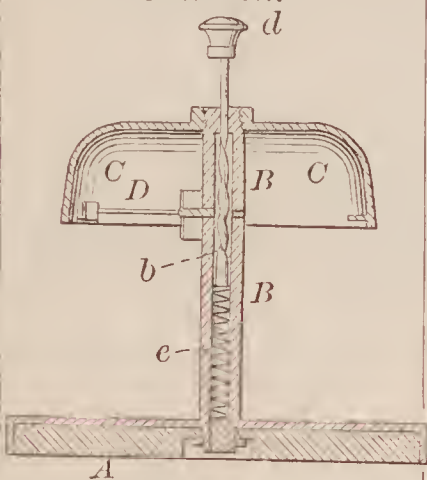
66877—E. B. Olmsted—*Cutting and Gunning Apparatus for Envelope Machines.*



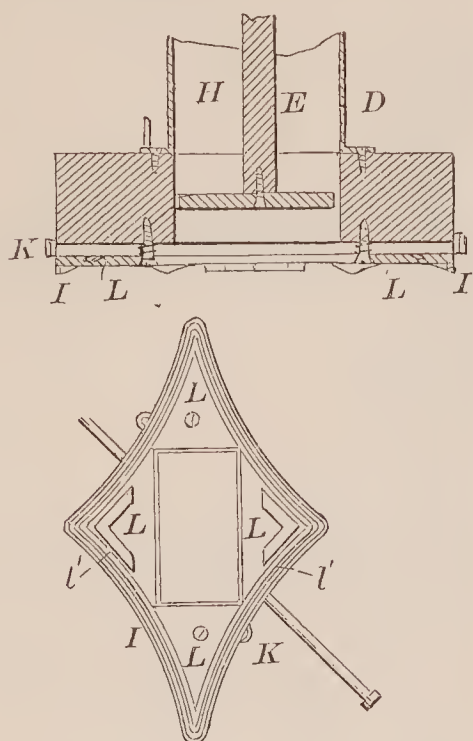
66873—J. M. Newton—*Door Spring.*



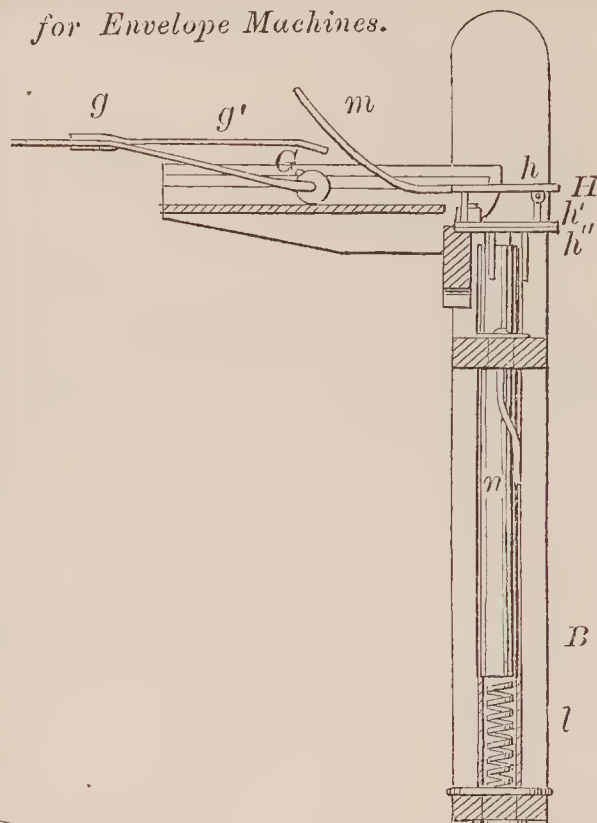
66874—W. H. Nichols—*Call Bell.*



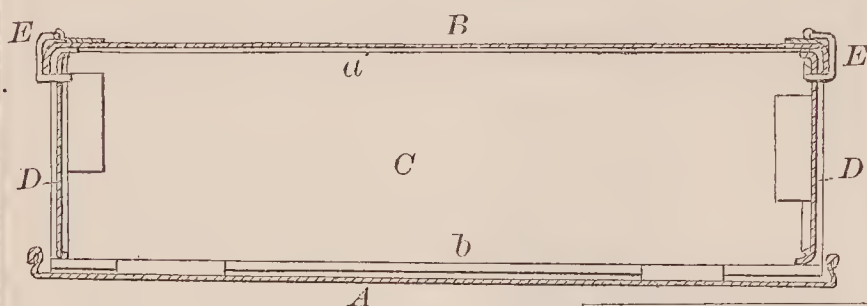
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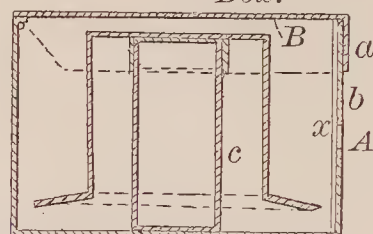
66878—E. B. Olmsted—Folding and Printing Bed for Envelope Machines.



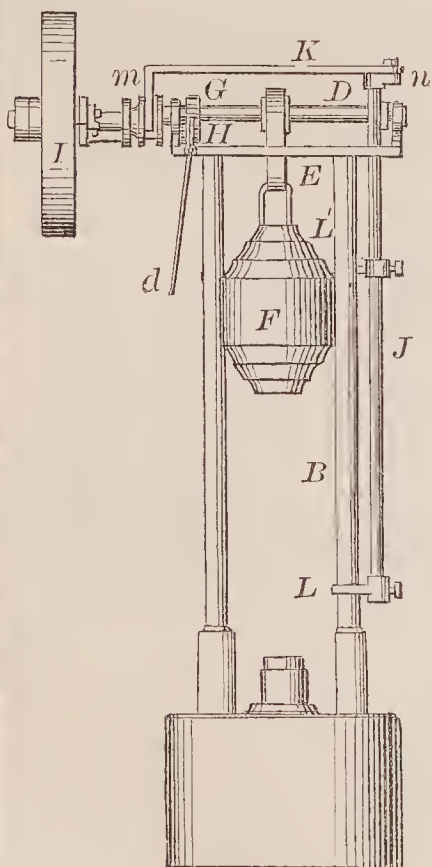
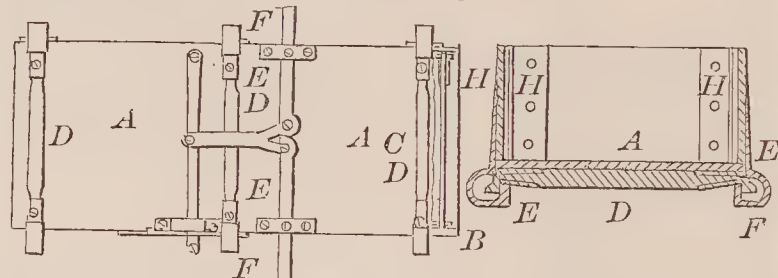
66881—F. B. Parks—Folding Lunch Box.



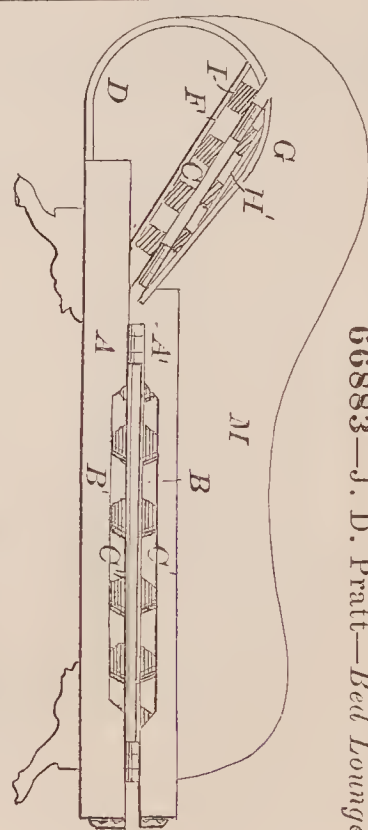
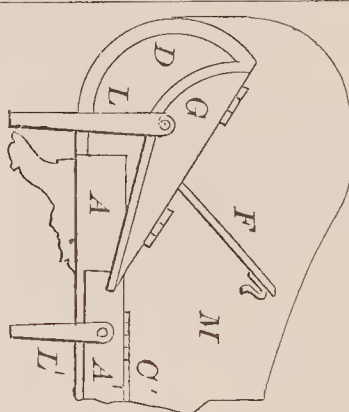
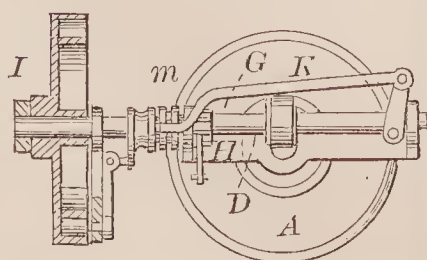
66880—C. W. Packer—Hat Box.



66882—D. H. Peterson—Wagon Box.



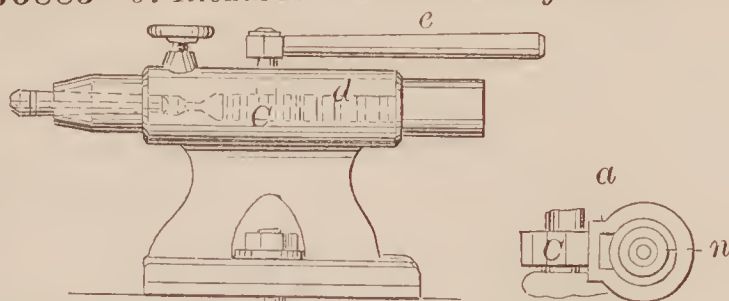
66879—L. H. Olmsted—Drop Hammer.



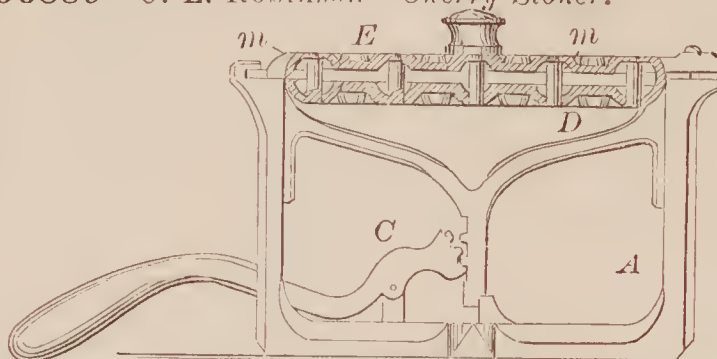
66883—J. D. Pratt—Bed Lounge.



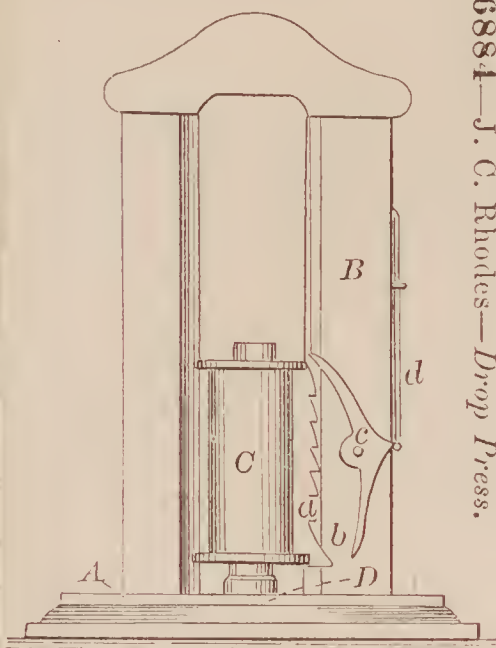
66885—J. Richards—Wood Turning Lathe.



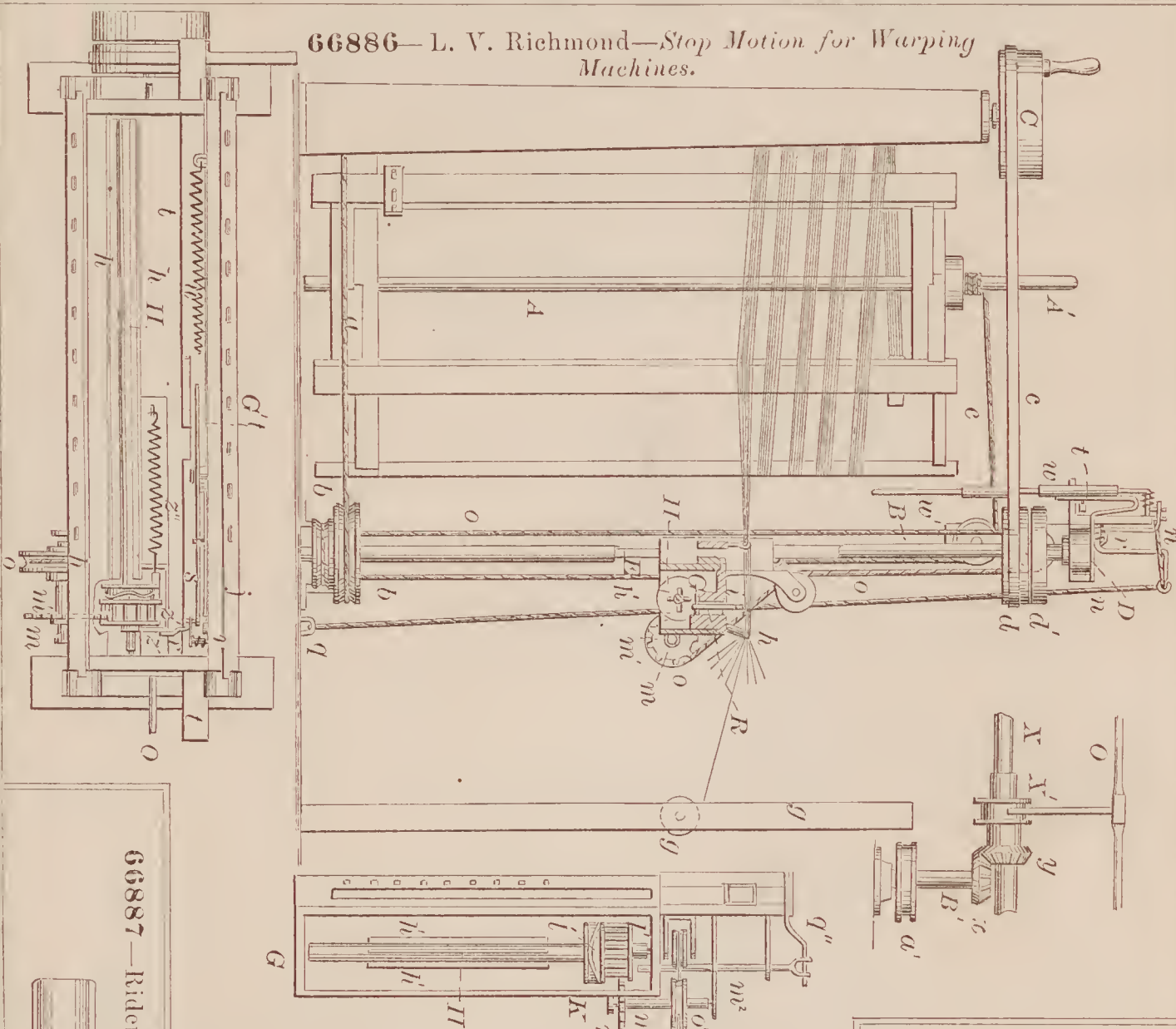
66889—O. L. Robinson—Cherry Stoner.



66884—J. C. Rhodes—Drop Press.



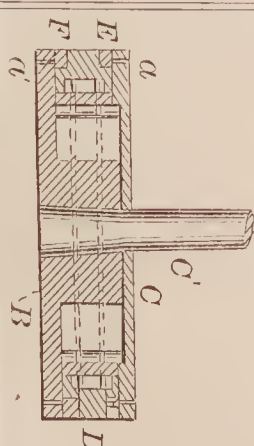
66886—L. V. Richmond—Stop Motion for Warping Machines.



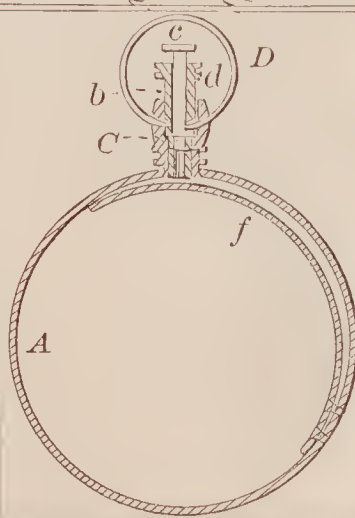
66887—Rider & Ferry—Well Tubing.



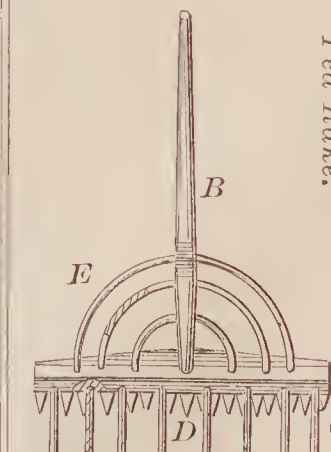
66888—G. Robinson—Piston Packing.



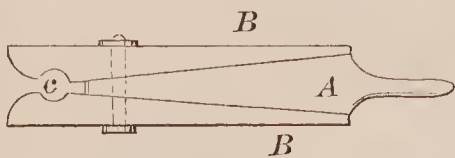
66890—H. Rothfelder—Wreck.



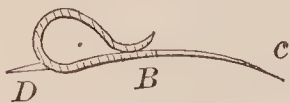
66891—E. W. Rowley, Jr.—Pea Rake.



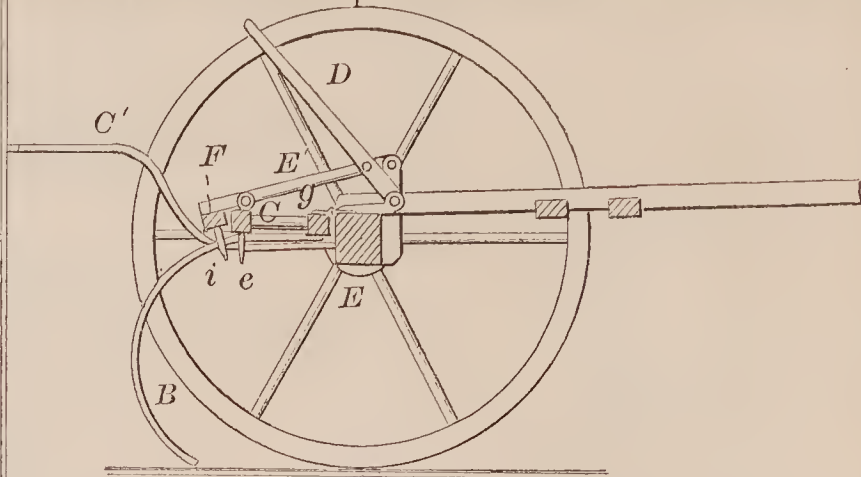
66892—J. S. Rowley—*Clip for
for Clothes Lines.*



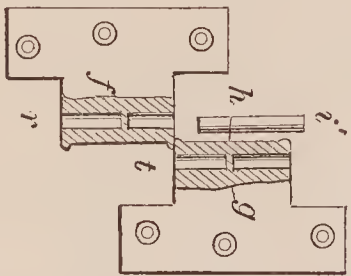
66898—S. A. Simison—*Ticket
Holder.*



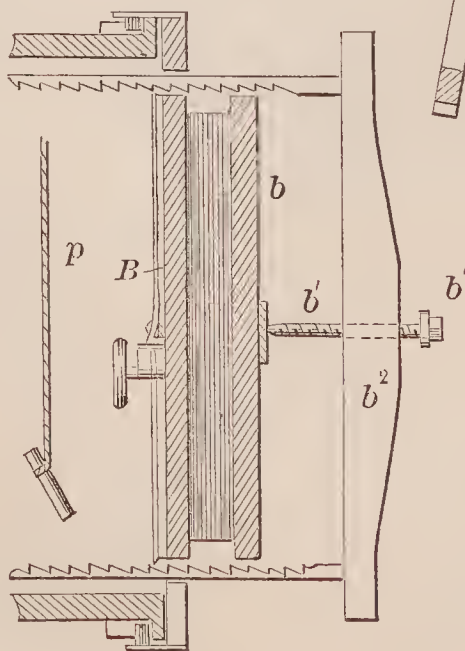
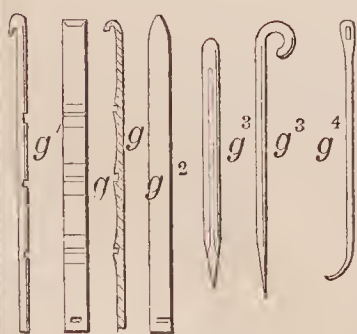
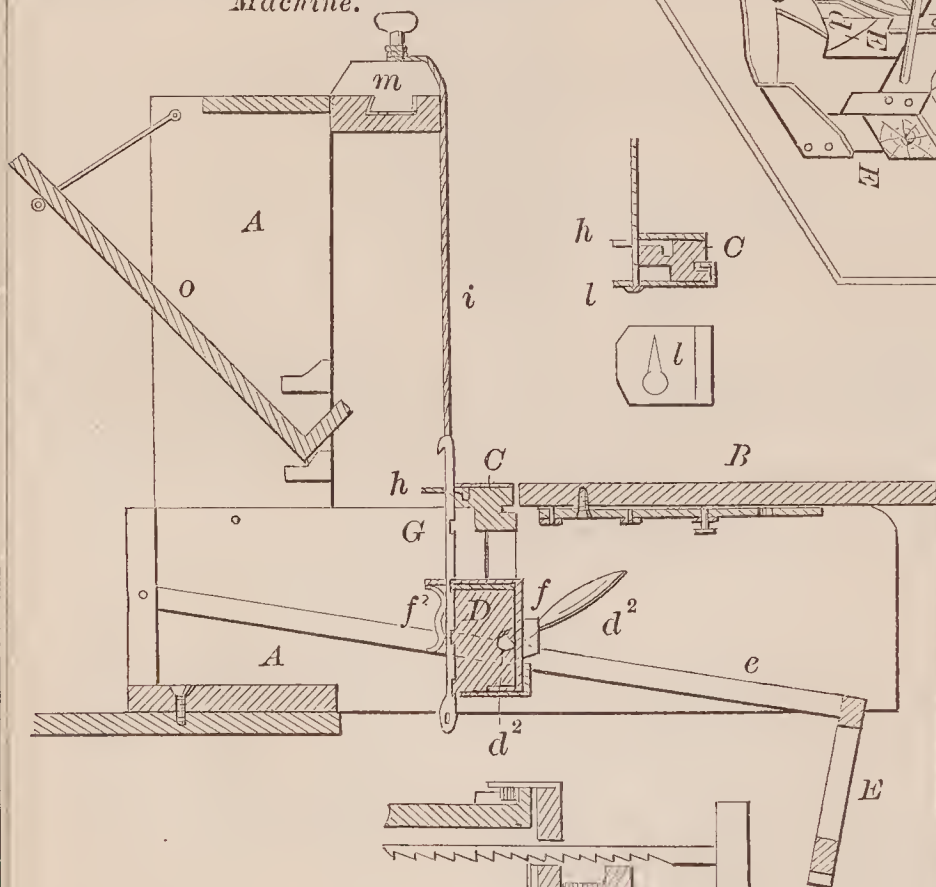
66894—D. P. Sharp—*Horse Rake.*



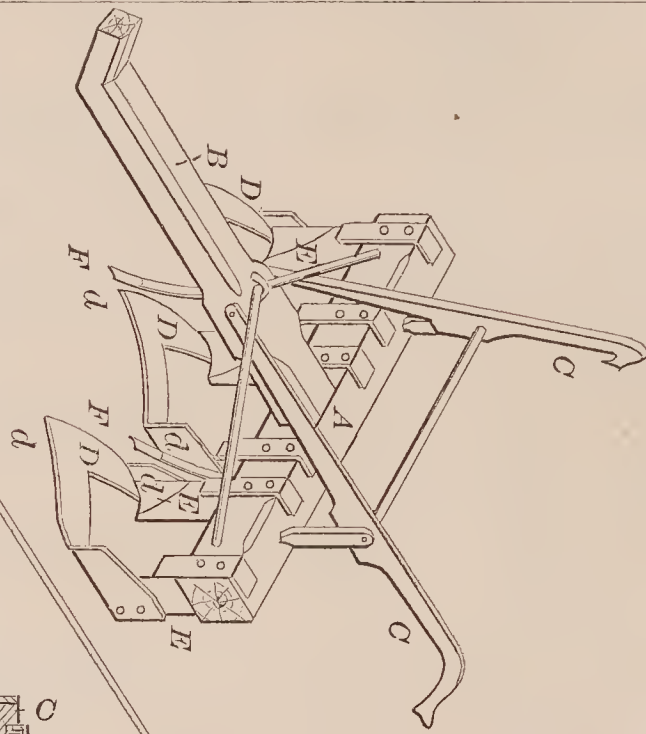
66893—Selden & Liddell—*Hinge.*



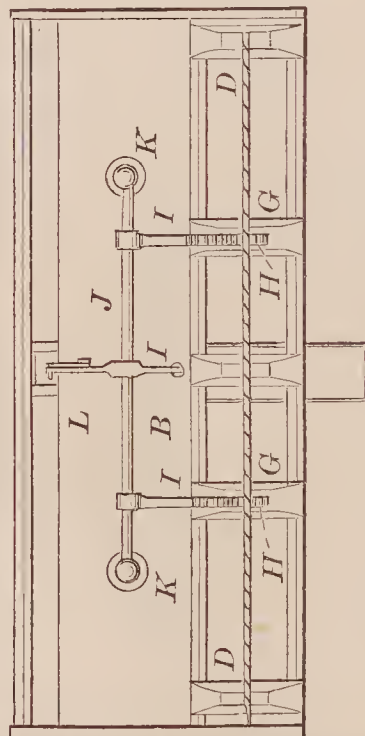
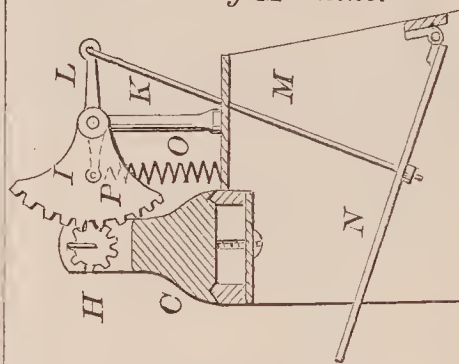
66899—F. Sims—*Book Sewing
Machine.*



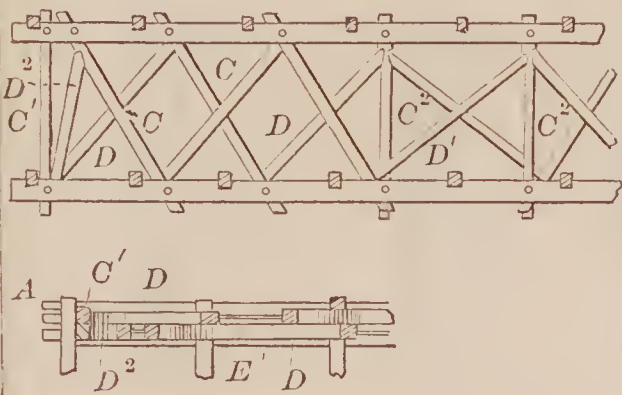
66895—F. M. Shields—*Cotton Plow.*



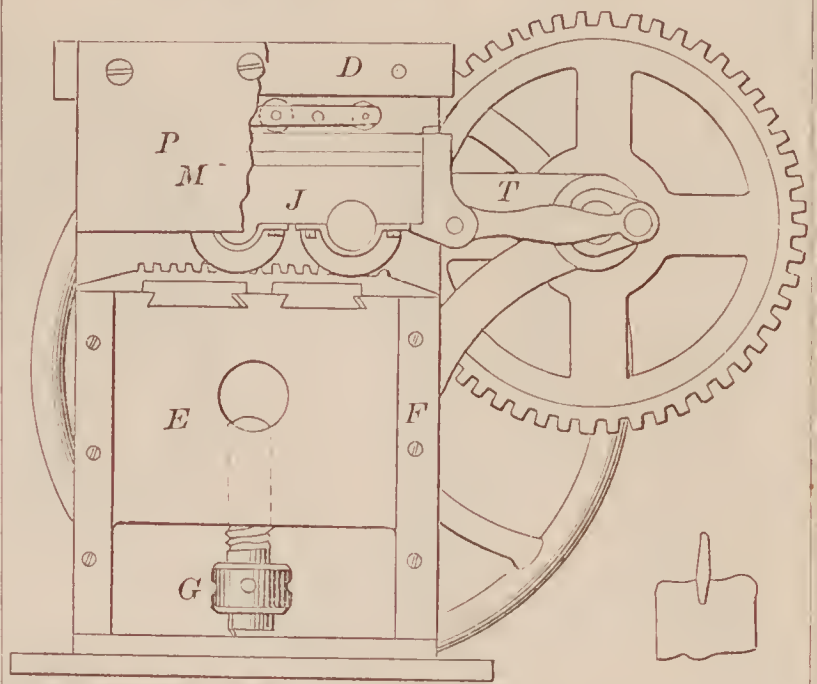
66896—C. Shortau—*Wire
Twisting Machine.*



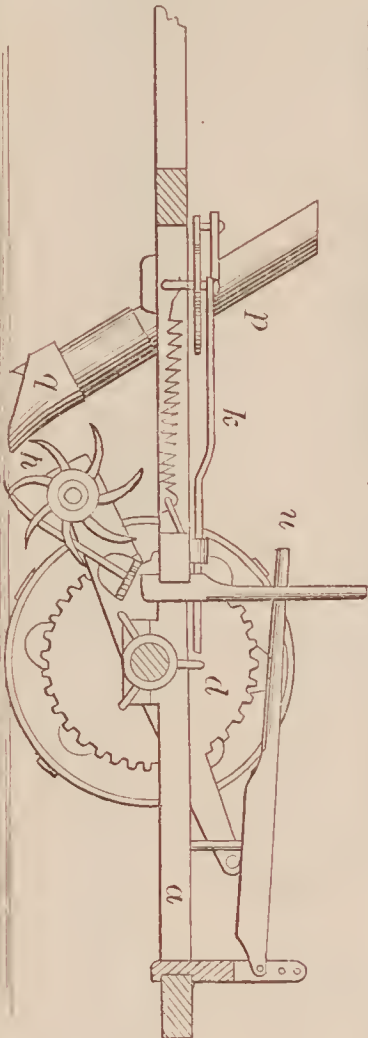
66900—R. W. Smith—*Bridge.*



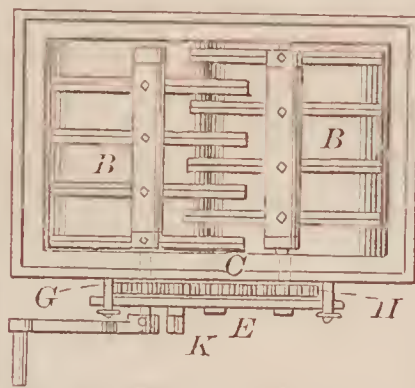
66905—W. F. Stillman—*For Rolling Hoes.*



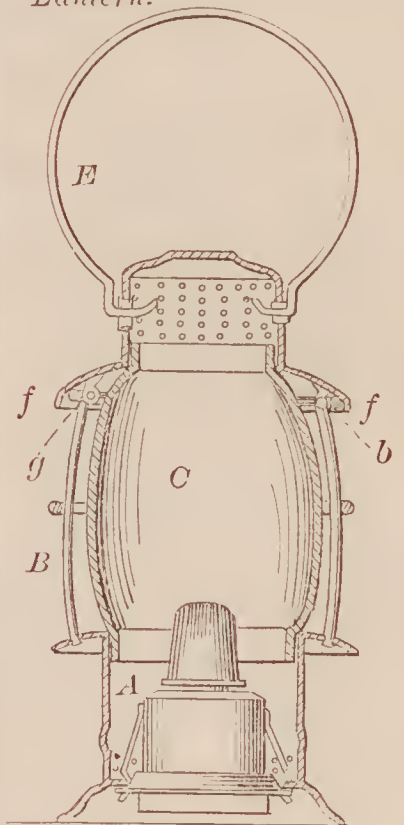
66901—D. D. Stelle—*Planter, Harrow and Cultivator.*



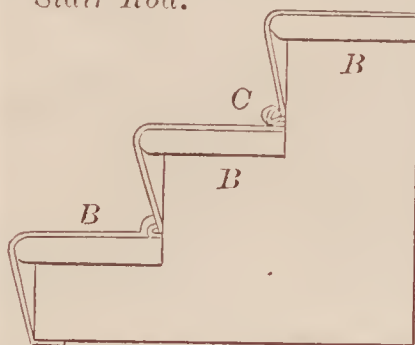
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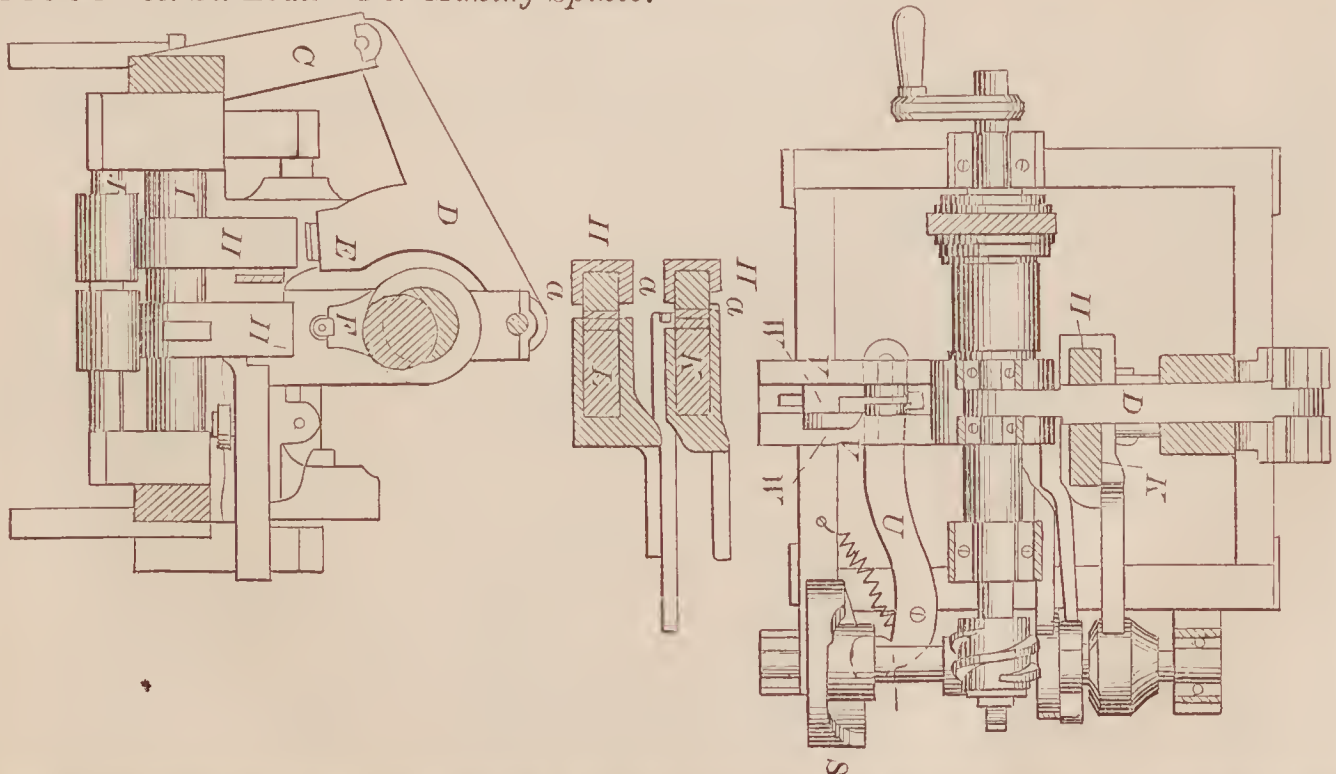
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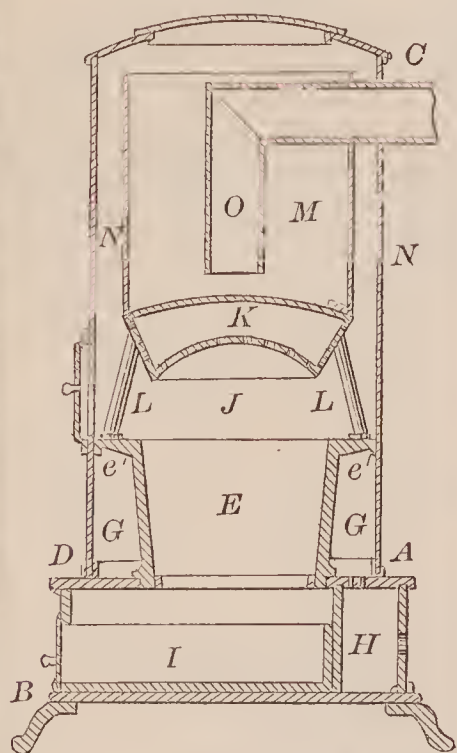
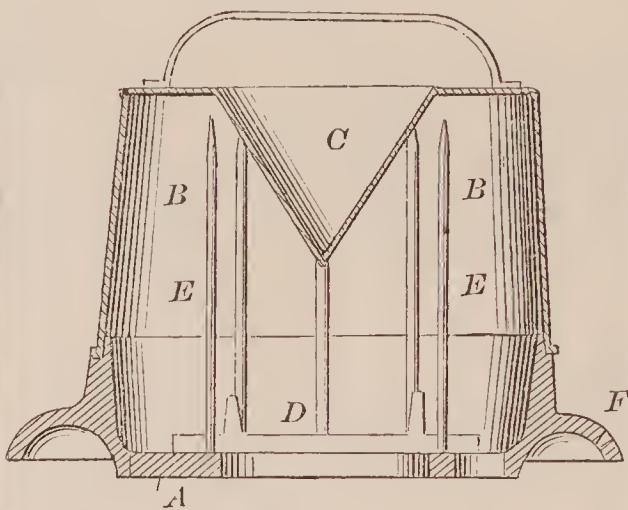
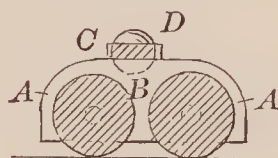
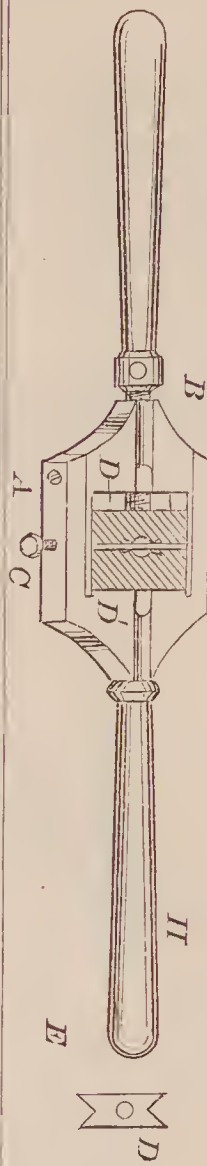
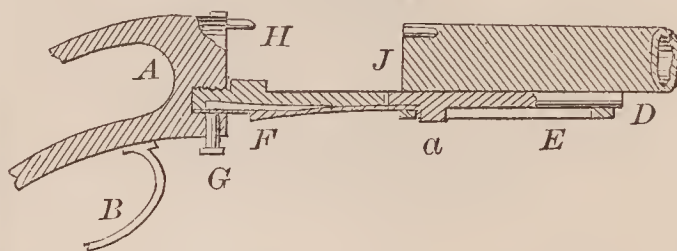
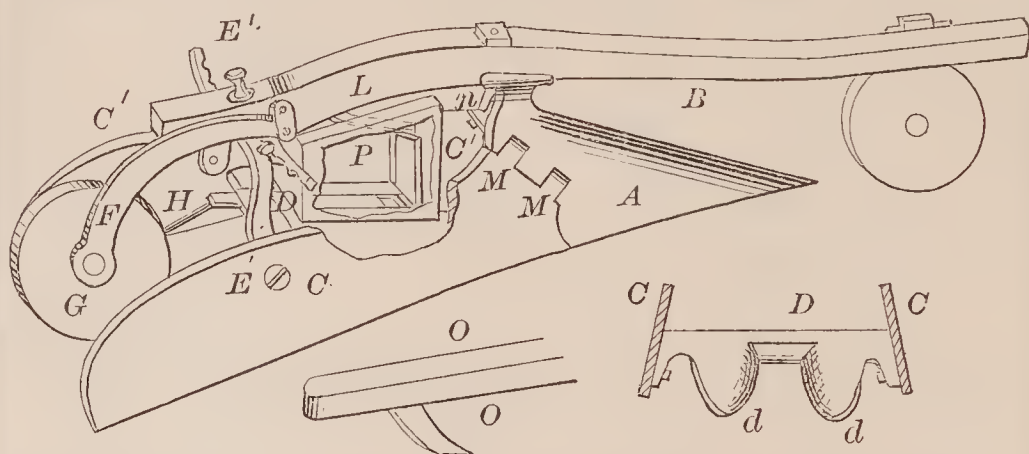
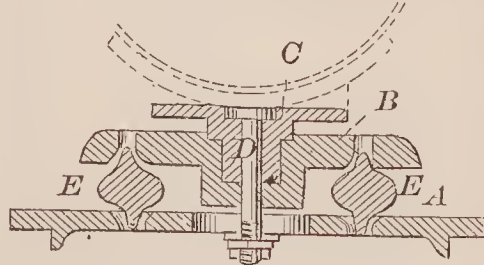
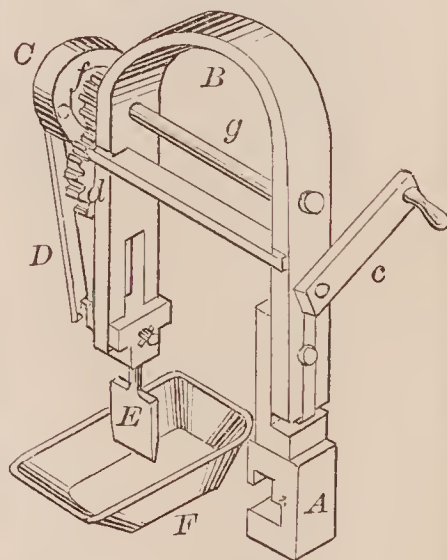
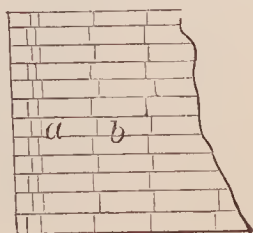
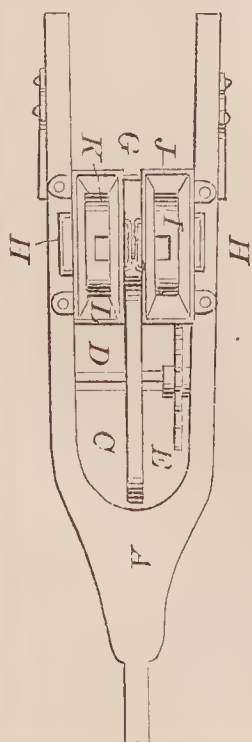
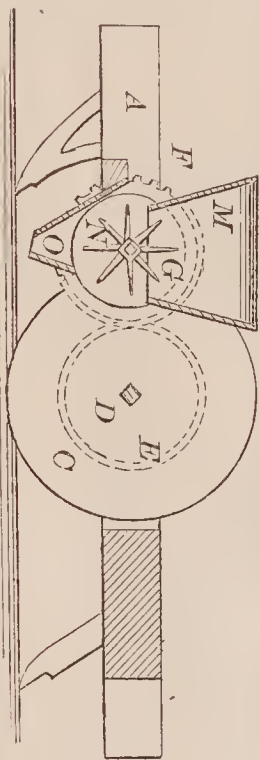


66903—C. E. Stearns—*Stair Rod.*

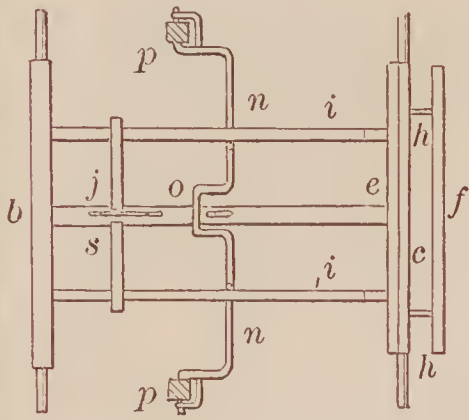


66906—A. St. Louis—*For Making Spikes.*

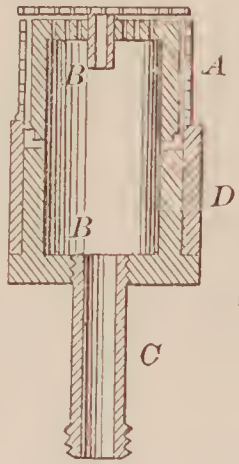


66907—J. H. Stone—*Coal Store.*66911—D. C. Teller—*Steak Broiler.*66909—A. L. Taylor—*Pastry Roller.*66908—G. C. Sweet—*Screw Plate.*66913—Thrasher & Aiken—*Breech-Loading Fire Arm.*66910—S. J. Taylor—*Corn Planter and Cultivator.*66914—J. E. & W. P. Tynan—*Locomotive Truck.*66916—W. H. H. Walker—*Meat Chopper.*66915—M. Vetter—*Window Shade.*66912—M. L. & R. W. Thornton—*Corn and Cotton Seed Planter.*

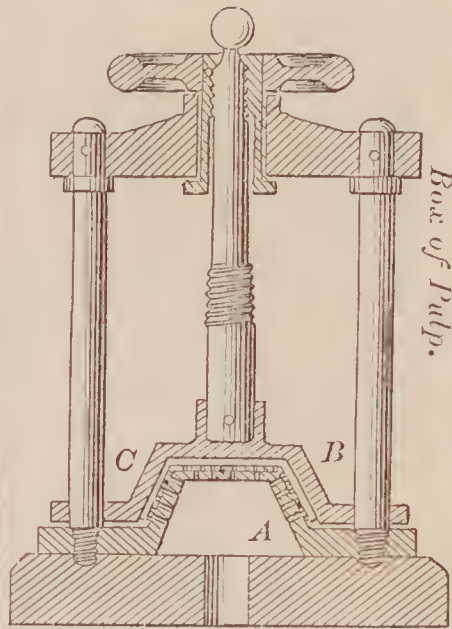
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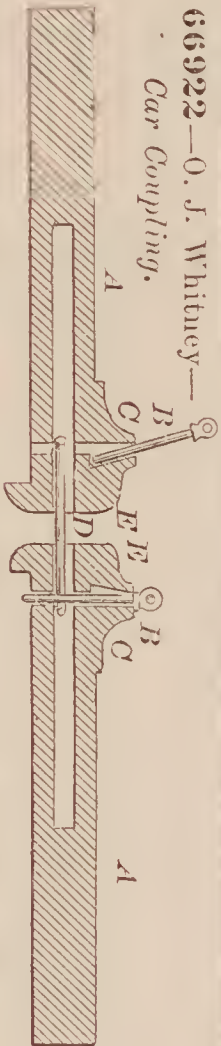
66918—Wheeler & Jerome—*Drying Box of Pulp.*



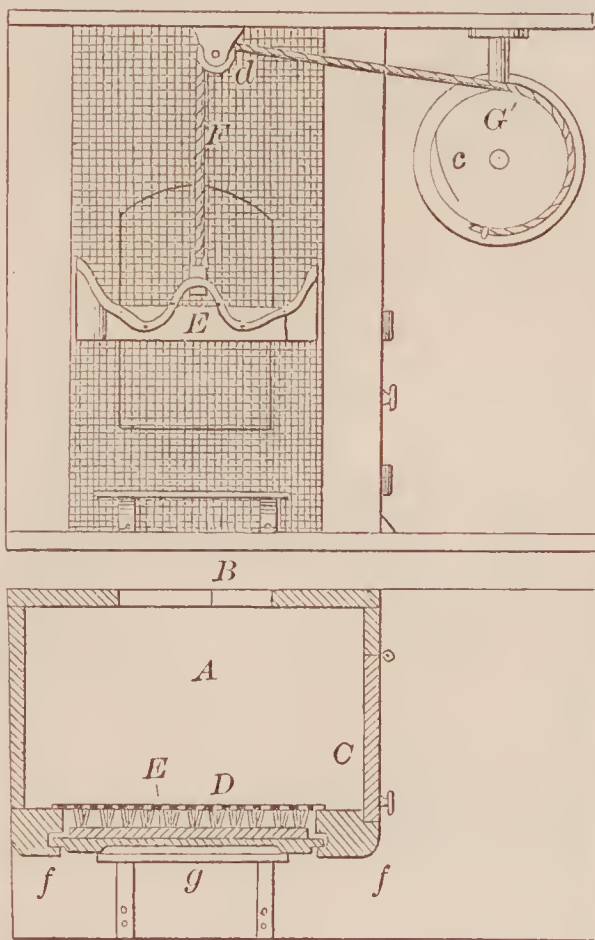
66919—Wheeler & Jerome—*Finishing Box of Pulp.*



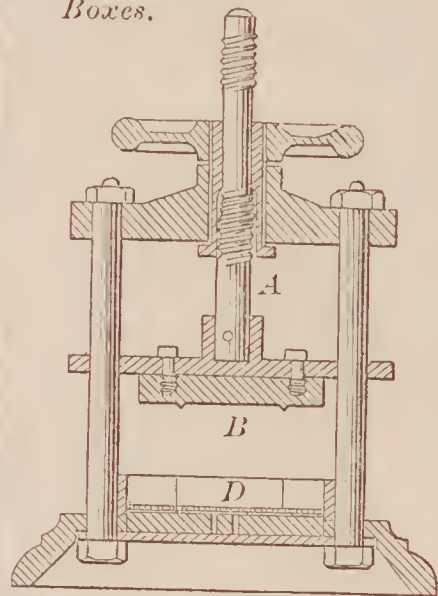
66922—O. J. Whitney—*Car Coupling.*



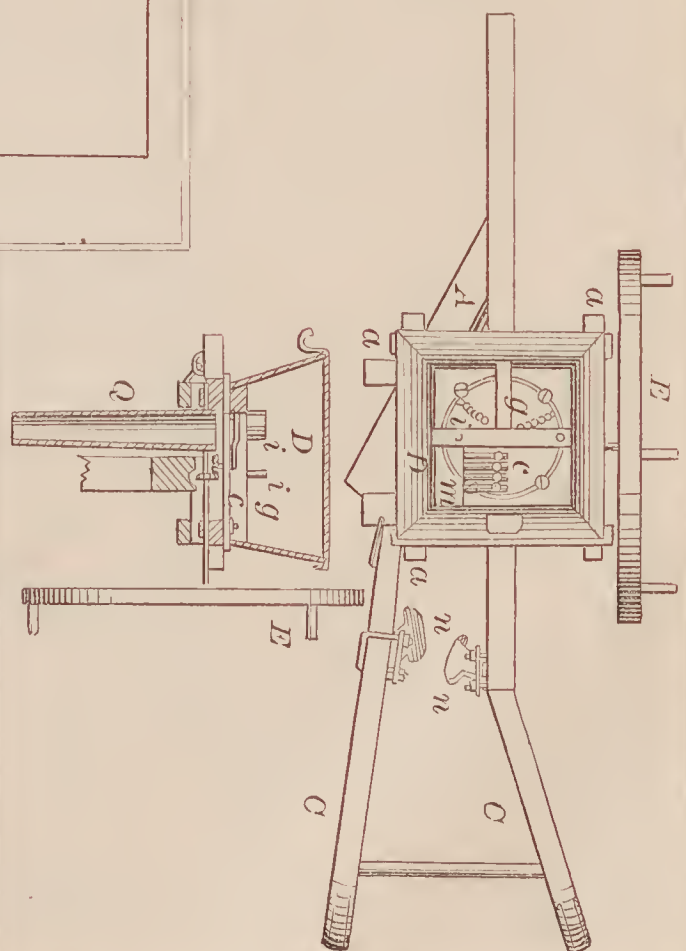
66921—J. Whitehill—*Dust Room in Cleaning Cotton.*



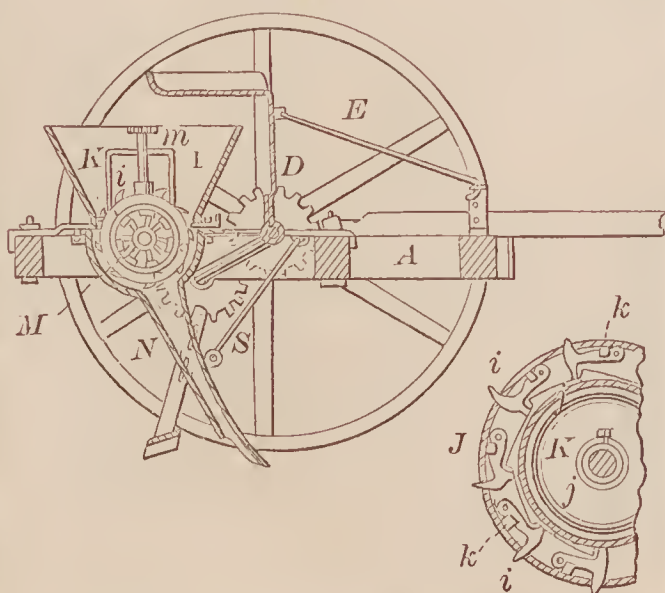
66920—Wheeler & Jerome—*Making Blanks for Paper Boxes.*

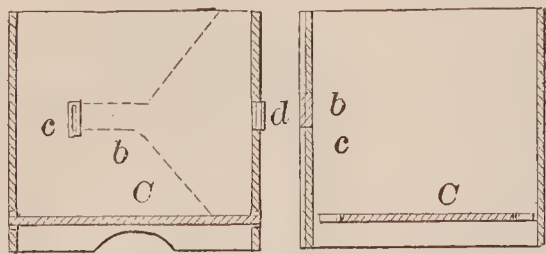
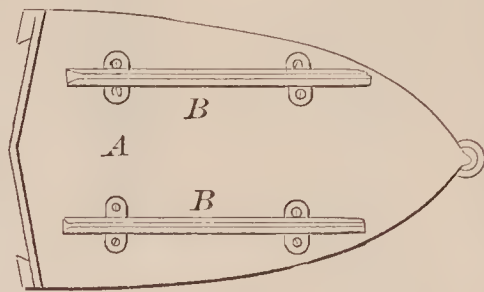
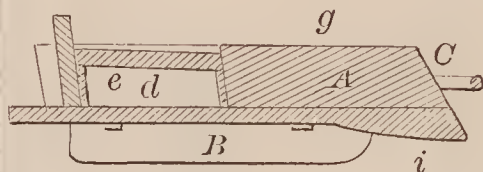
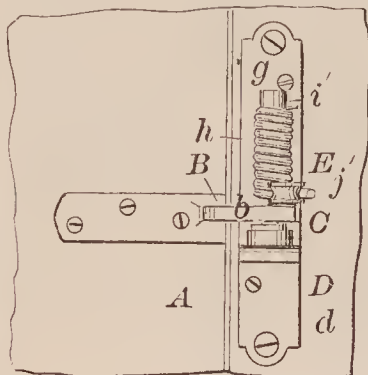
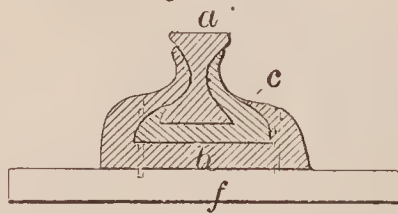
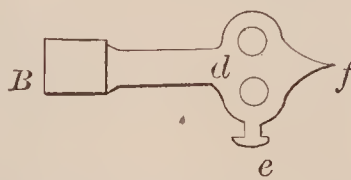
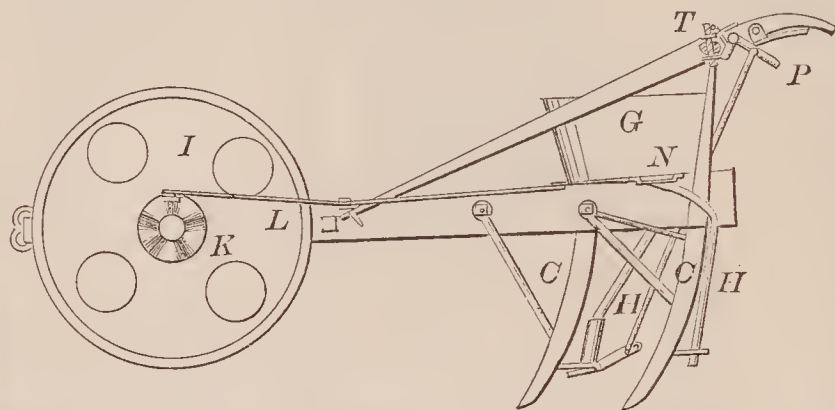
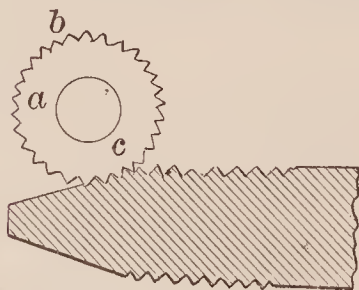
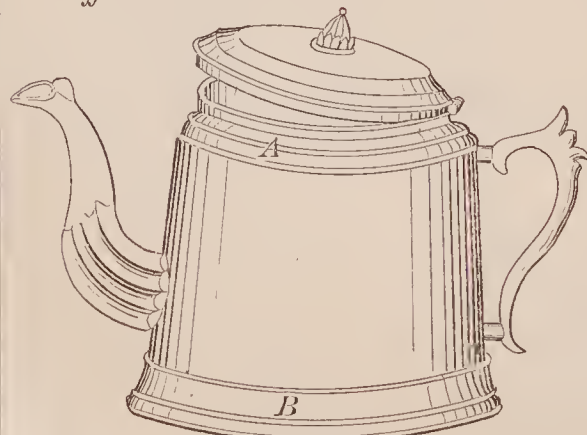
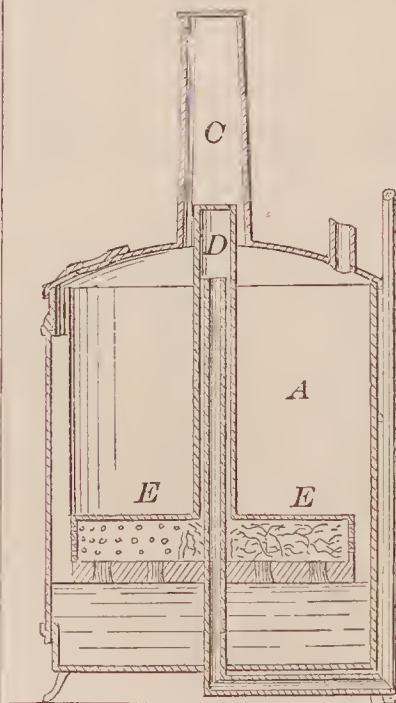
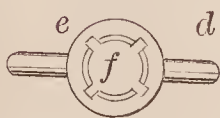
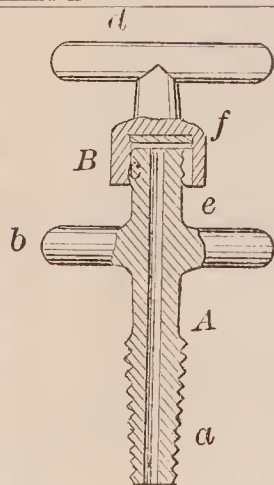


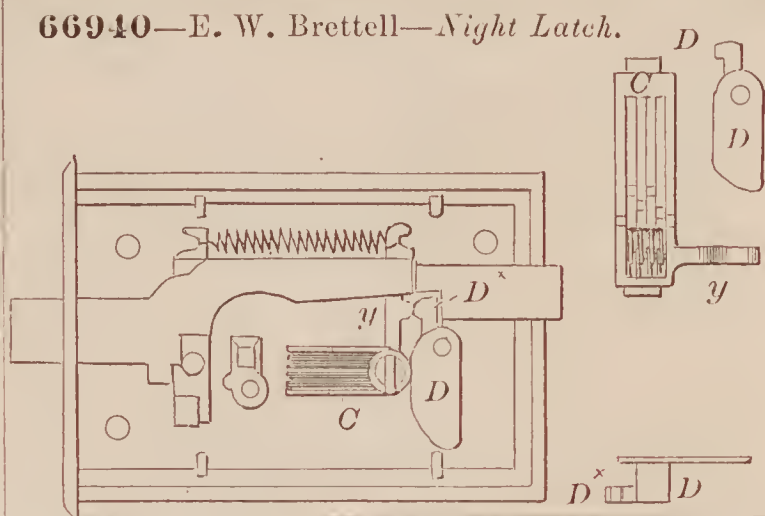
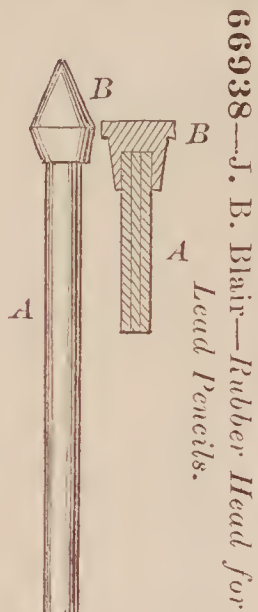
66923—B. Wieland—*Corn Planter.*



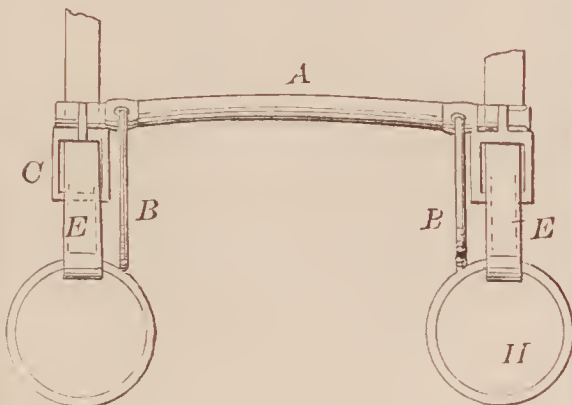
66924—Wilcox & Caldwell—*Cotton Seed Planter.*



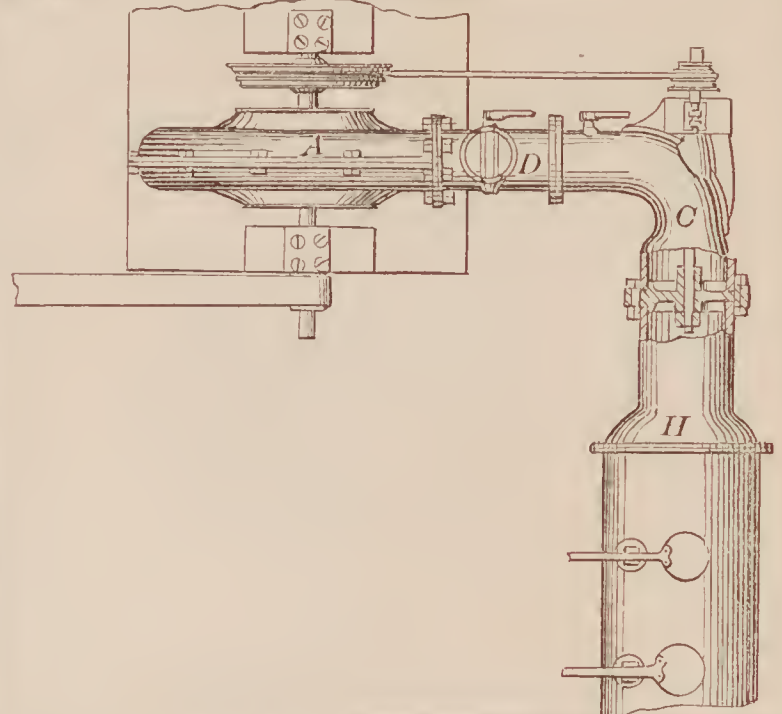
66925—W. R. Wilcox—*Fruit Box.*66926—D. L. Winsor—*Snow Plow.*66927—A. Wiswall—*Door Spring and Hinge.*66928—L. Wolf—*Key for Piano Fortes.*66930—L. M. Woodcock—*Railway Chair.*66935—Barney & Berry—*Skate Fastener.*66934—W. M. Ball—*Cultivator.*66931—Young & Hoard—*For Threading Screws.*66936—A. Bayley—*Tea and Coffee Pot.*66937—W. W. Pierce—*For Carburetted Gas.*66929—O. N. Wood—*Vent Plug.*66932—W. Young—*Steam and Water Joint.*



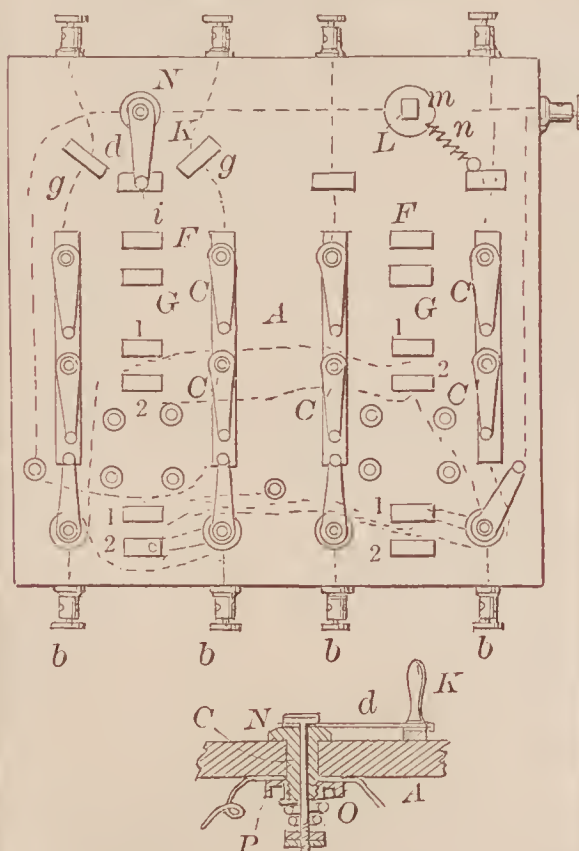
66941—W. Brower—*Pulley Bit for Bridles.*



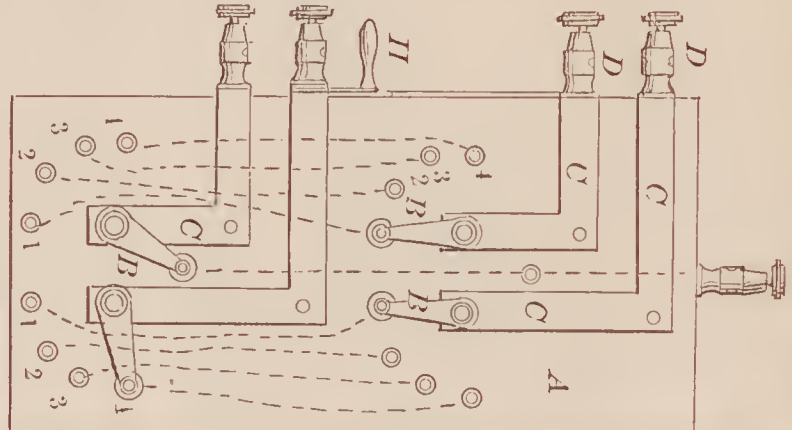
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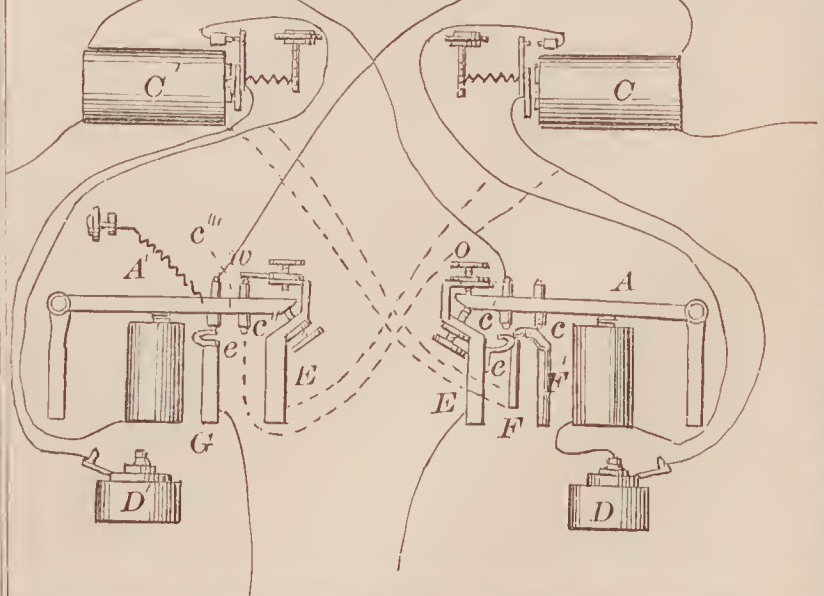
66943—W. G. Brownson—*Telegraphic Switch Board.*



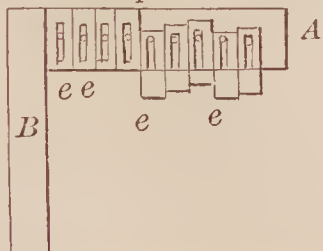
66944—W. G. Brownson—*Telegraph Battery Switch Board.*



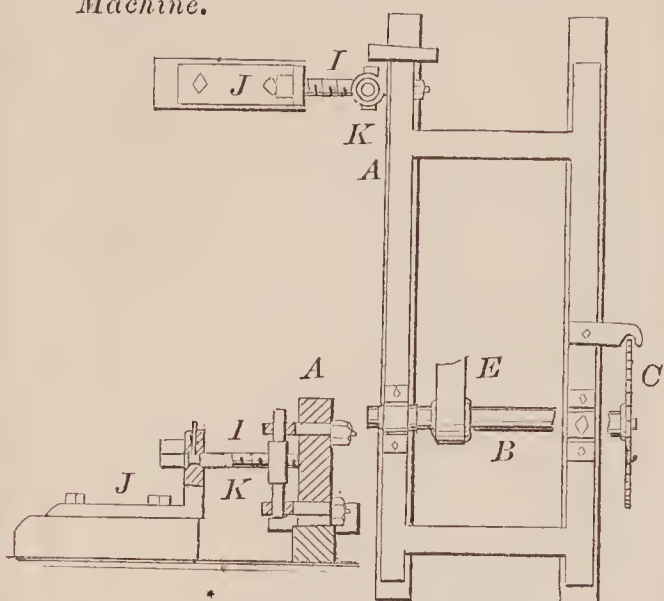
66945—Brownson & Shull—*Telegraph Repeating Instrument.*



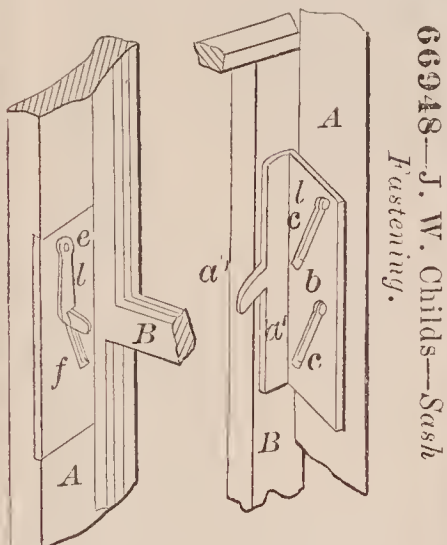
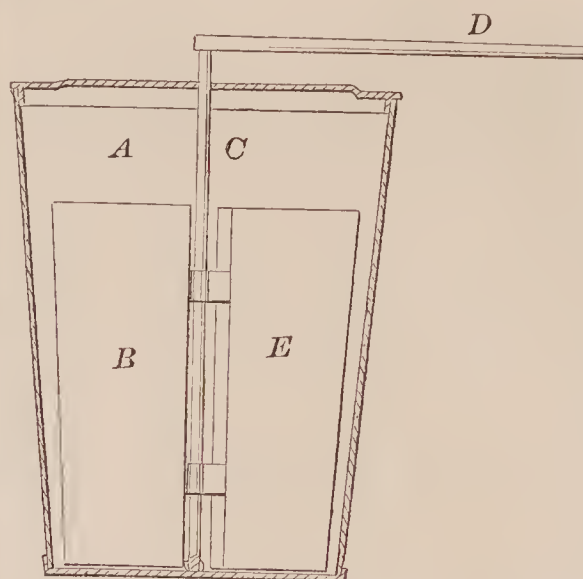
66946—Burt & Miller—*Trial Square.*



66947—D. G. Canfield—*Circular Sawing Machine.*

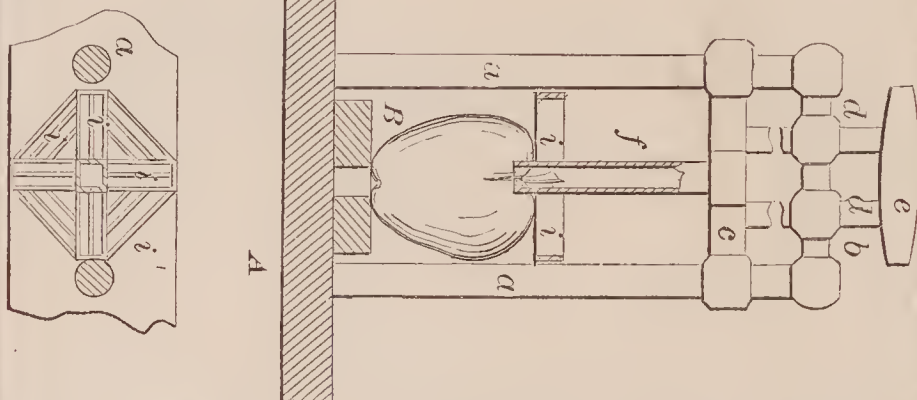


66949—L. M. Cook—*Churn.*

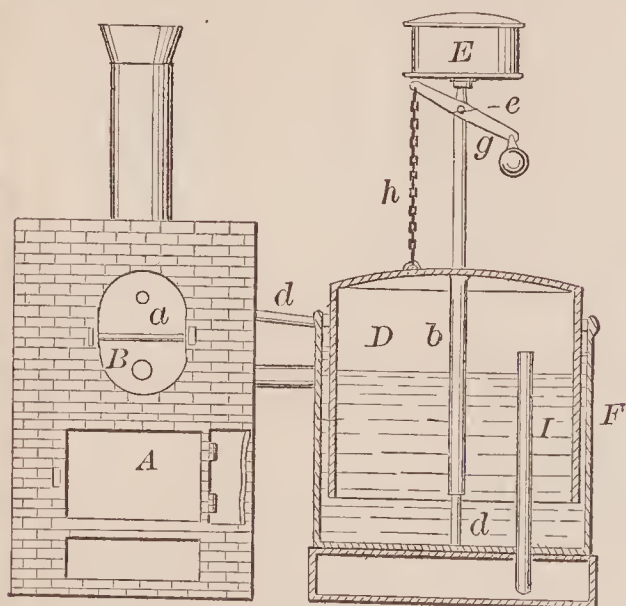


66948—J. W. Childs—*Sash Fastening.*

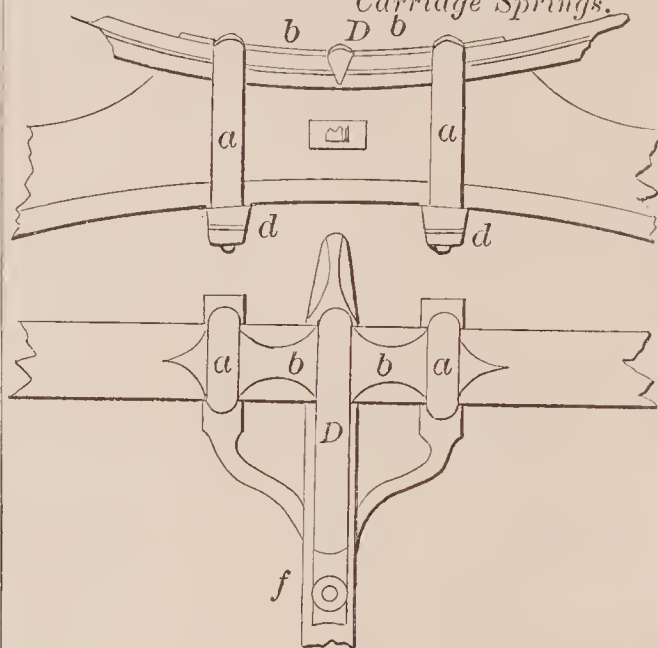
66951—G. Custer—*Apple Corer and Slicer.*



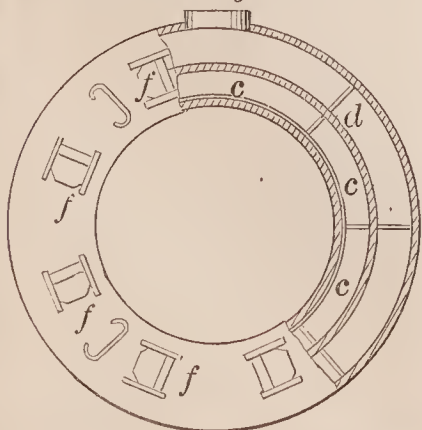
66950—R. T. Coverdale—*Gas Apparatus.*



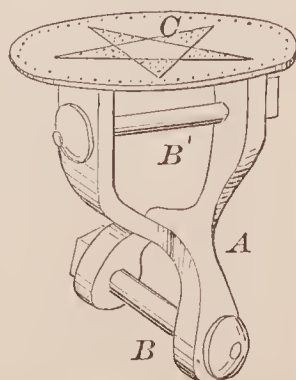
66953—J. H. Deal—*Clip and Brace for Carriage Springs.*



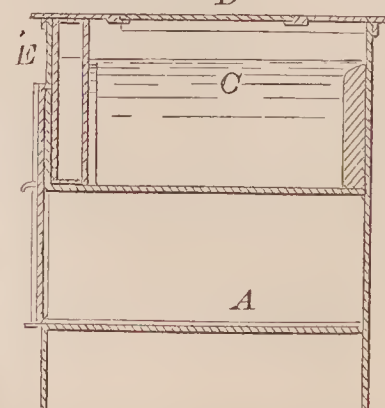
66952—McD. Darrow—*For Heating Tires.*



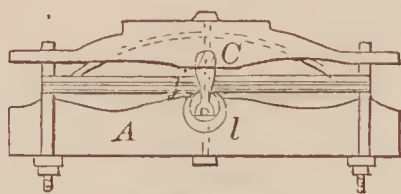
66954—J. H. Deal—*Step for Spring Wagons*



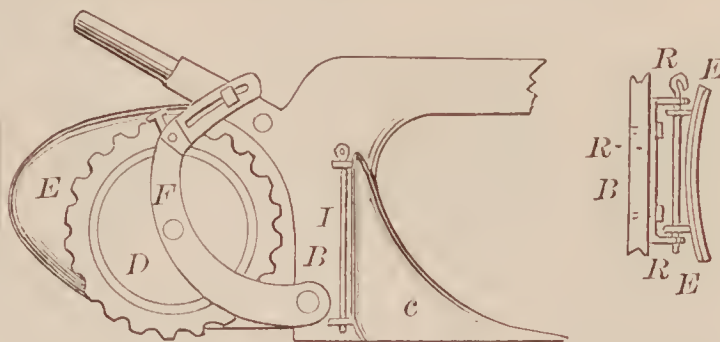
66955—R. E. Deane—*Cooking Range.*



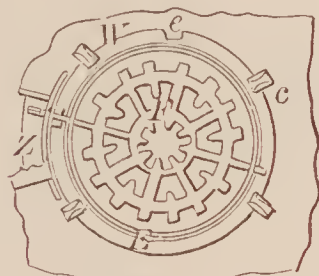
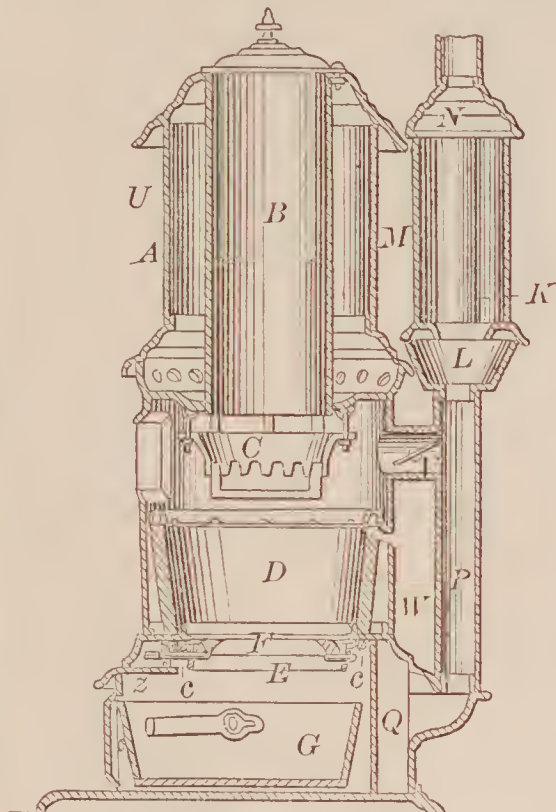
66956.—J. Deeble—*Fifth Wheel for Carriages.*



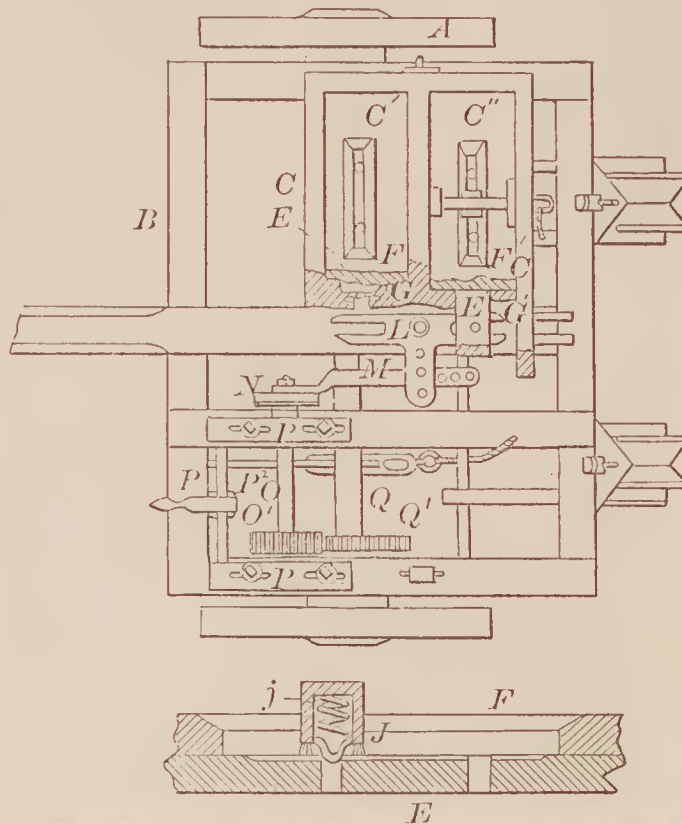
66958.—W. C. Evarts—*Plow*.



66957—W. C. Durant—*Coal Stove.*



66959—J. B. Gemmill—*Corn Planter and Guano Sower.*



66960—F. Hermann—*Cross Head for Sawmills.*

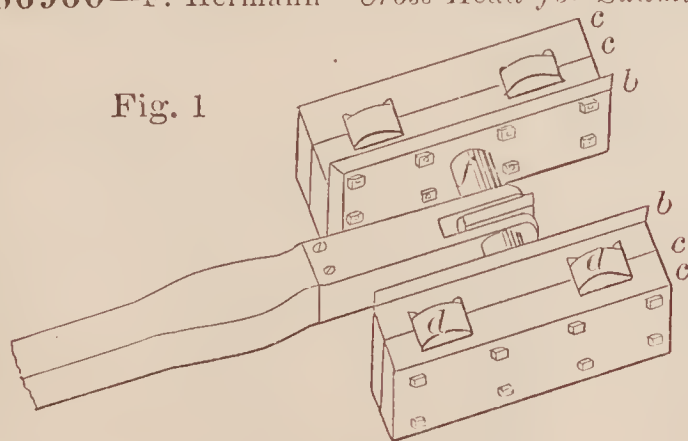


Fig. 1

Fig. 6

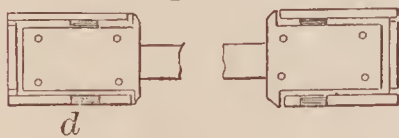


Fig. 3

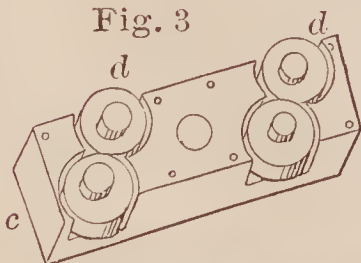
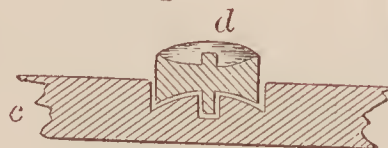
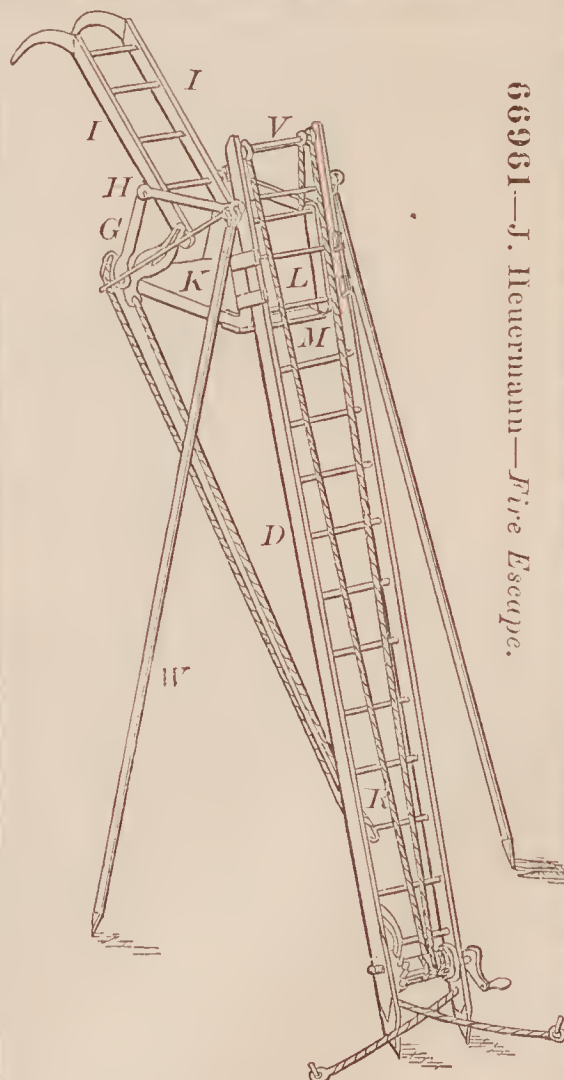
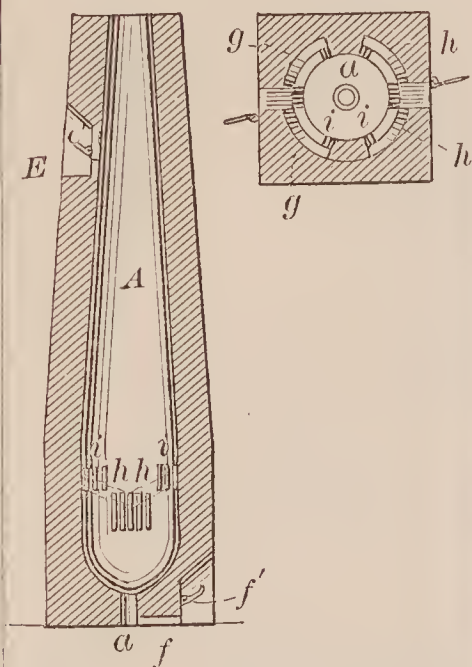
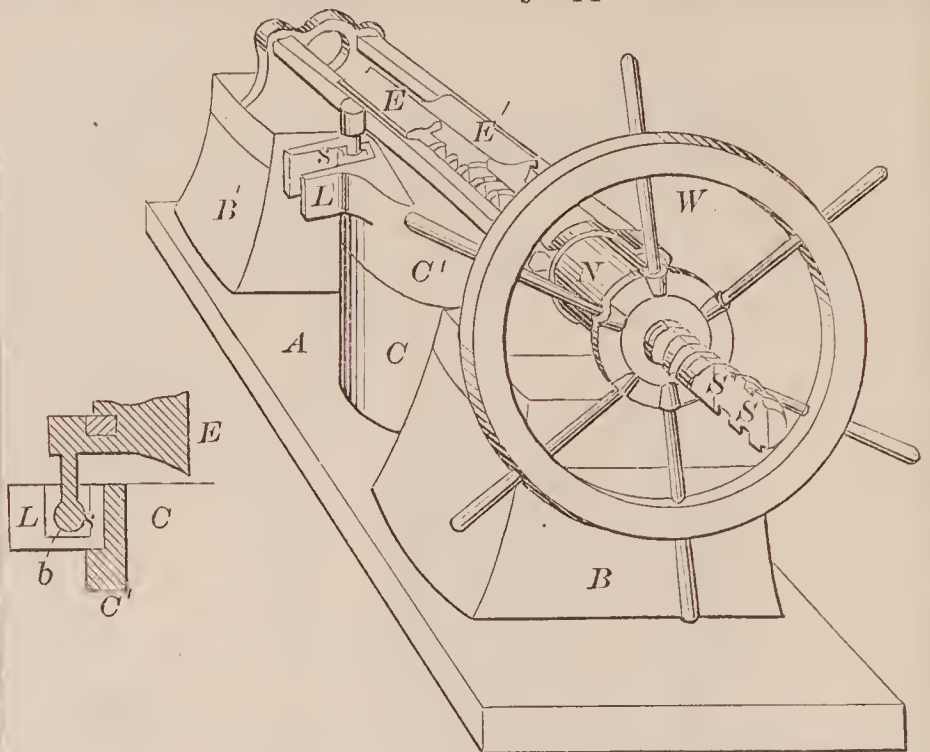
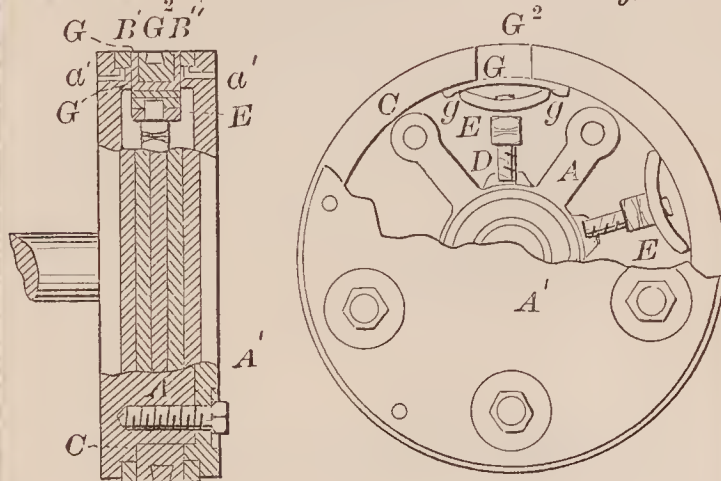
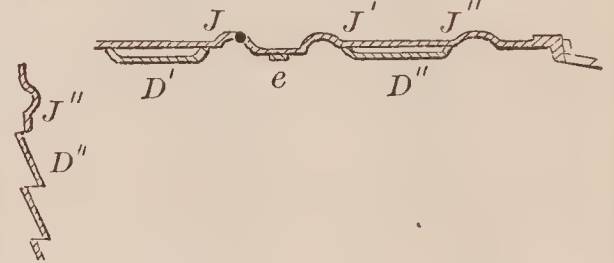
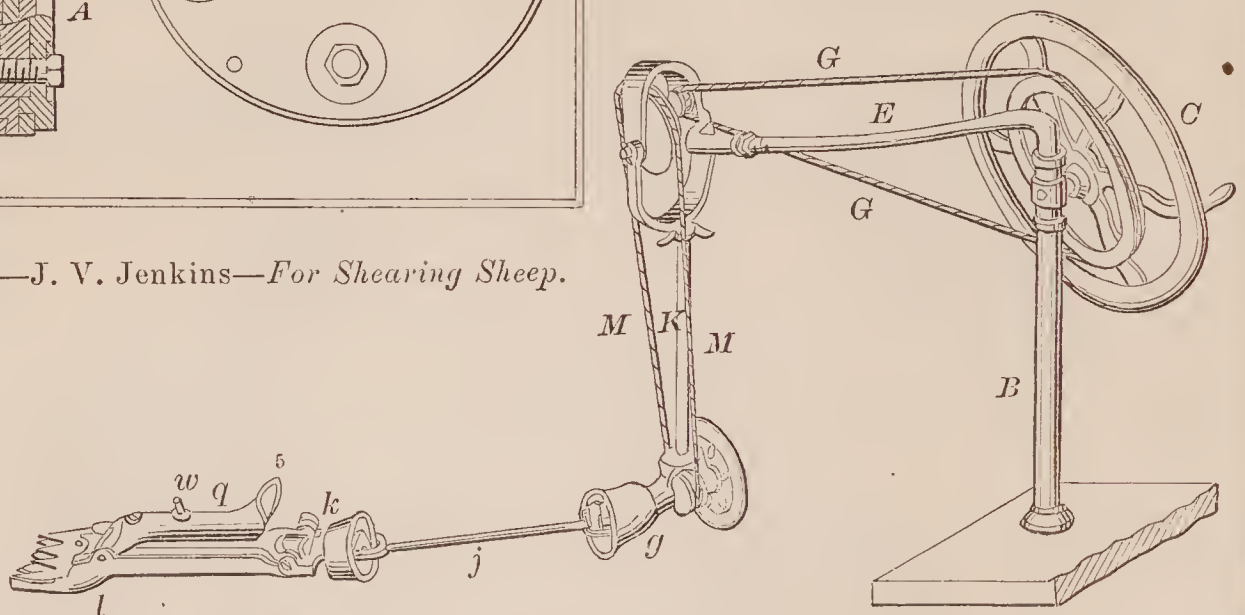
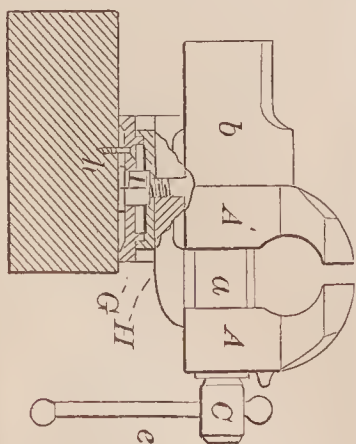
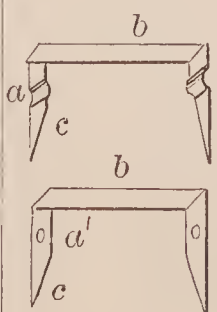
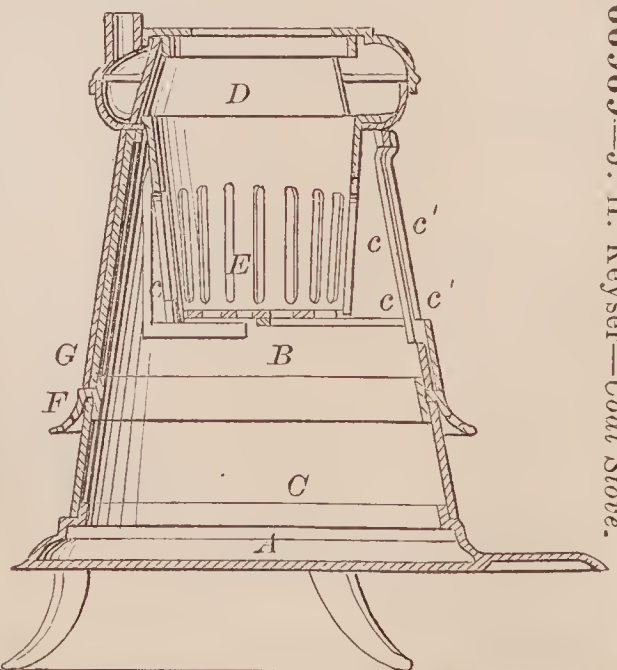
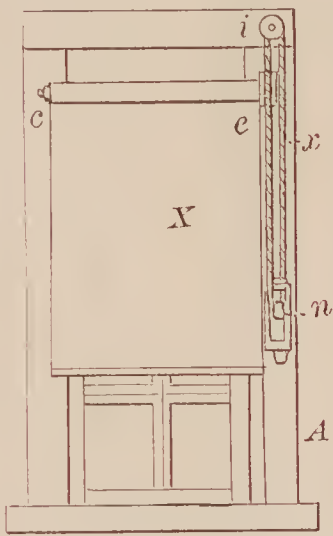


Fig. 4

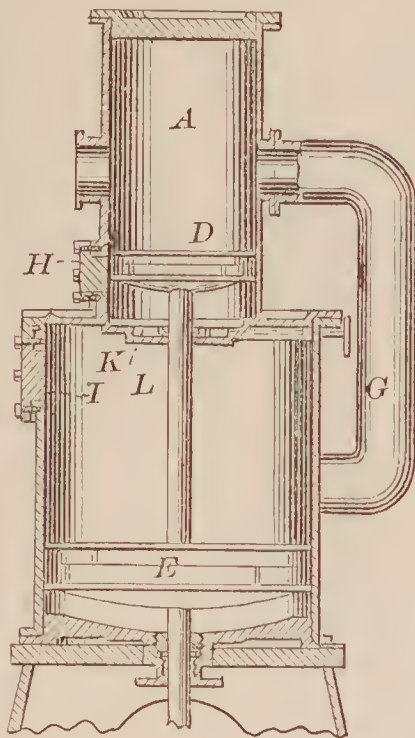
66961.—J. Heuermann—*Fire Escape.*

66962—S. C. Hotchkiss—*Lime Kiln.***66963**—E. F. Howard—*Steering Apparatus.***66964**—W. S. Hudson—*Piston Packing.***66967**—J. M. Jomain—*Metallic Blind.***66966**—J. V. Jenkins—*For Shearing Sheep.***66965**—A. Jameson—*Vise.***66968**—M. H. N. Kendig—*Paper Fastening.***66969**—J. H. Keyser—*Coal Stove.*

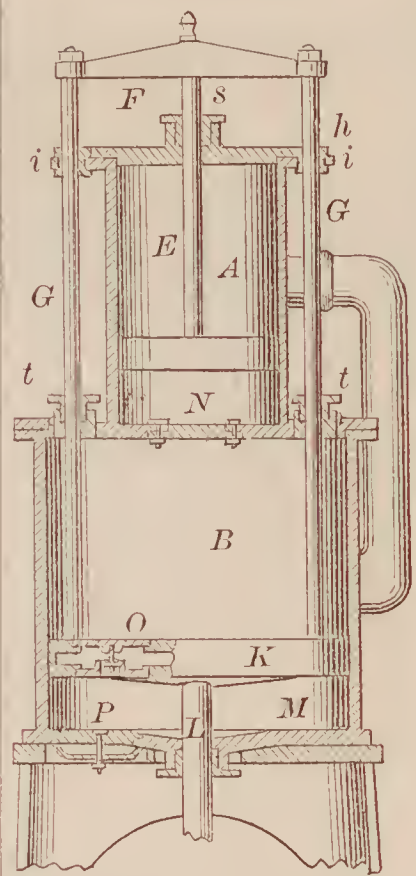
66970—E. B. Lake—
Curtain Fixture.



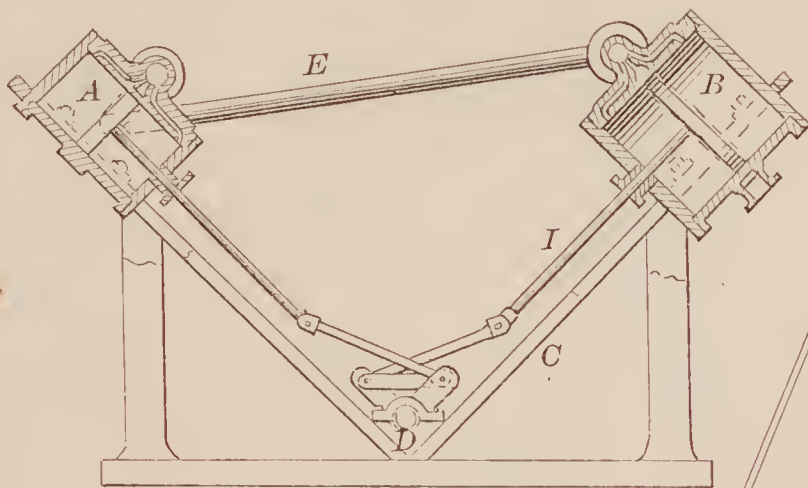
66971—J. L. Lay—*Steam Engine.*



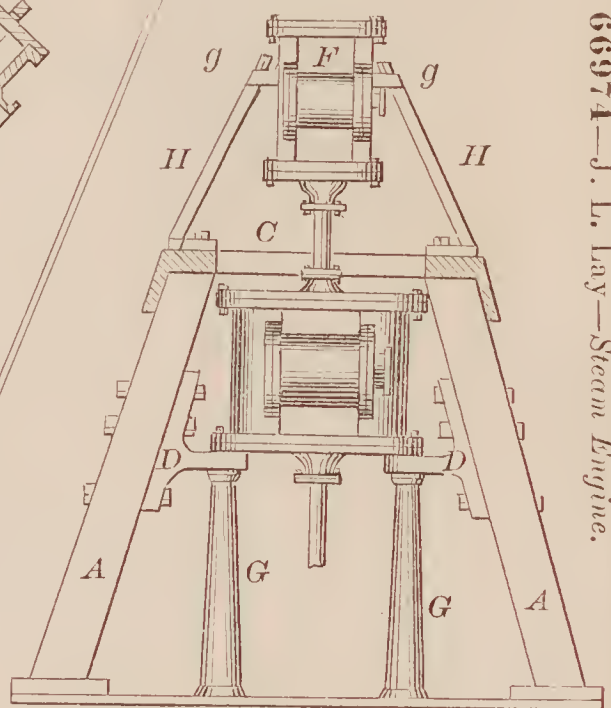
66972—J. L. Lay—*Steam Engine.*



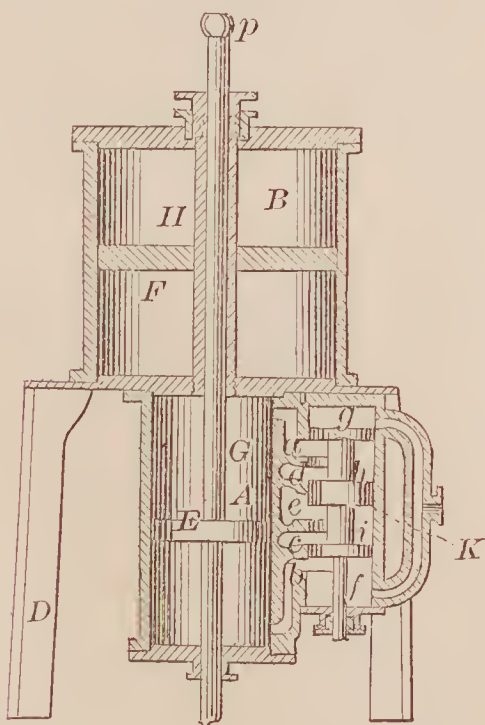
66973—J. L. Lay—*Steam Engine.*



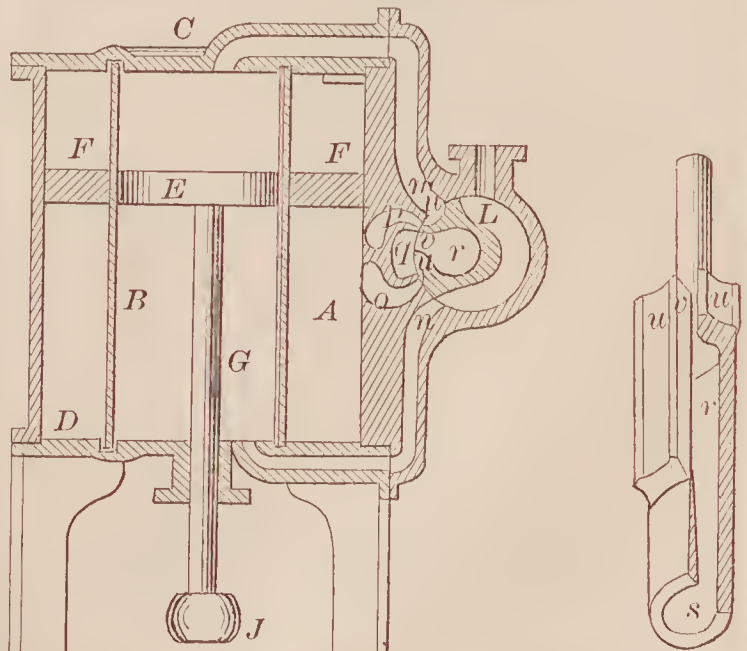
66974—J. L. Lay—*Steam Engine.*

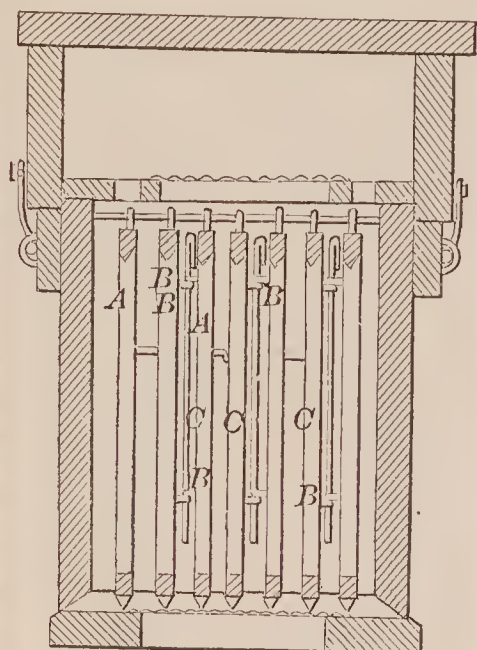
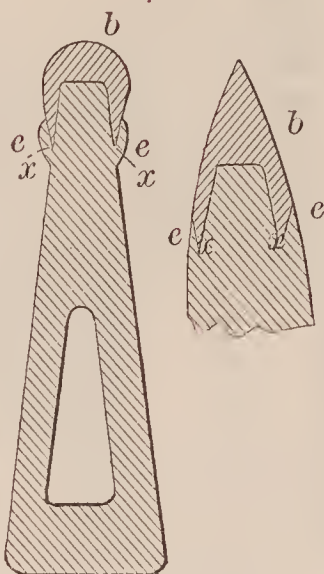
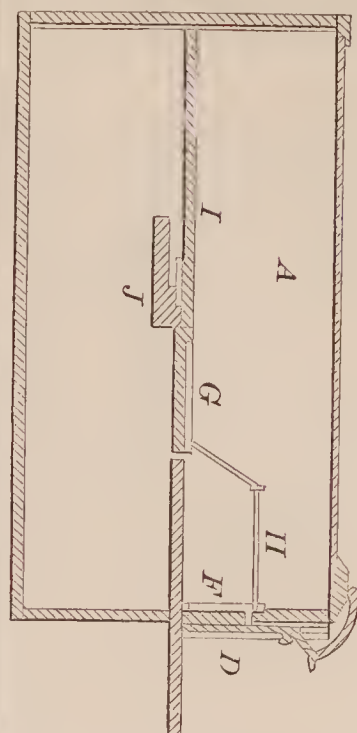
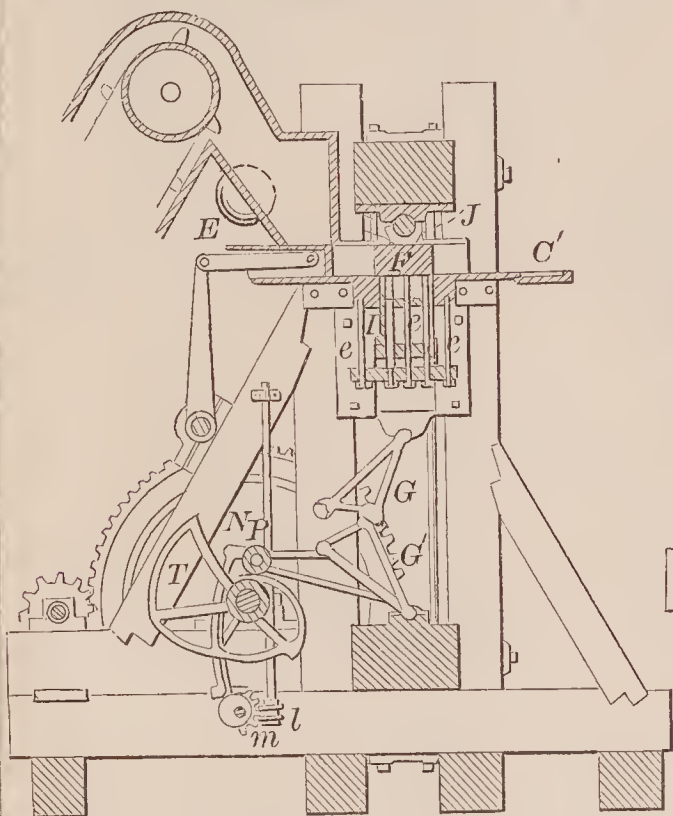
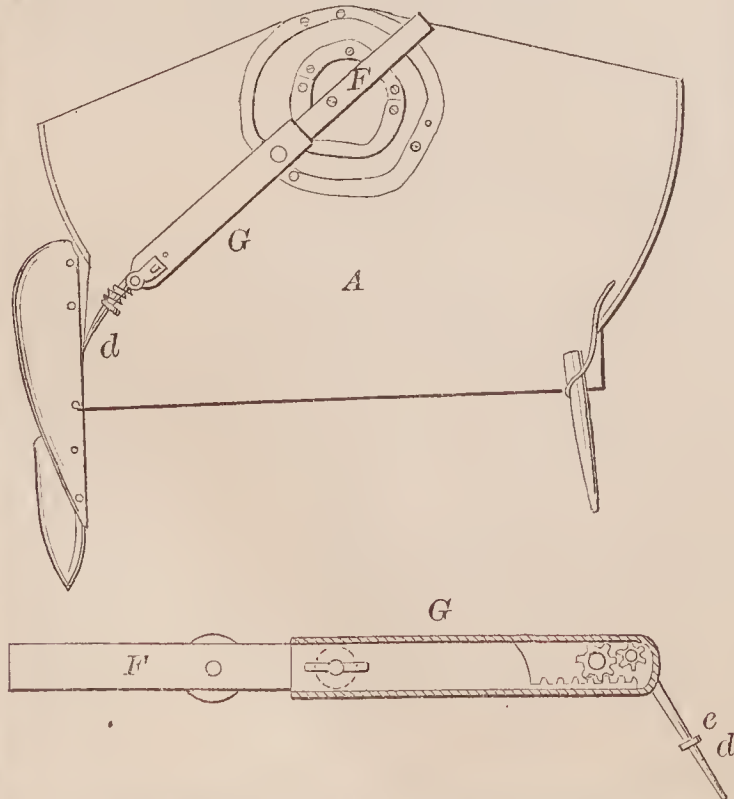
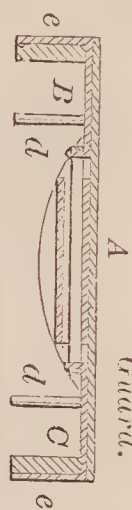
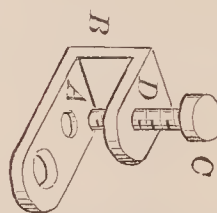
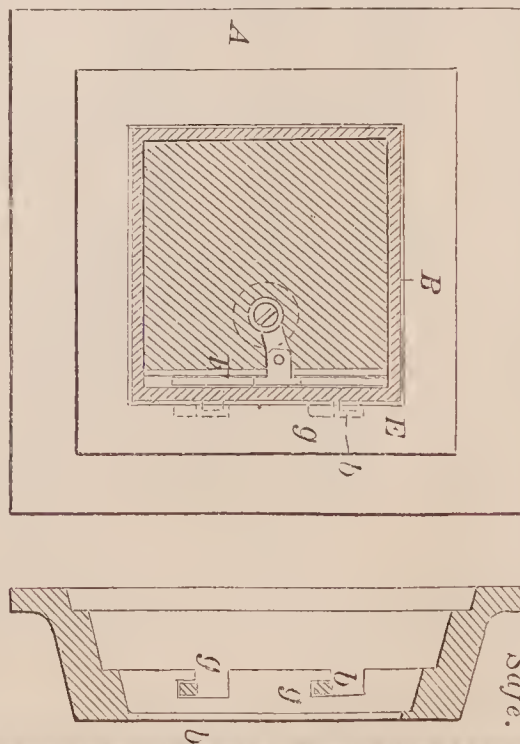


66976—J. L. Lay—*Steam Engine.*

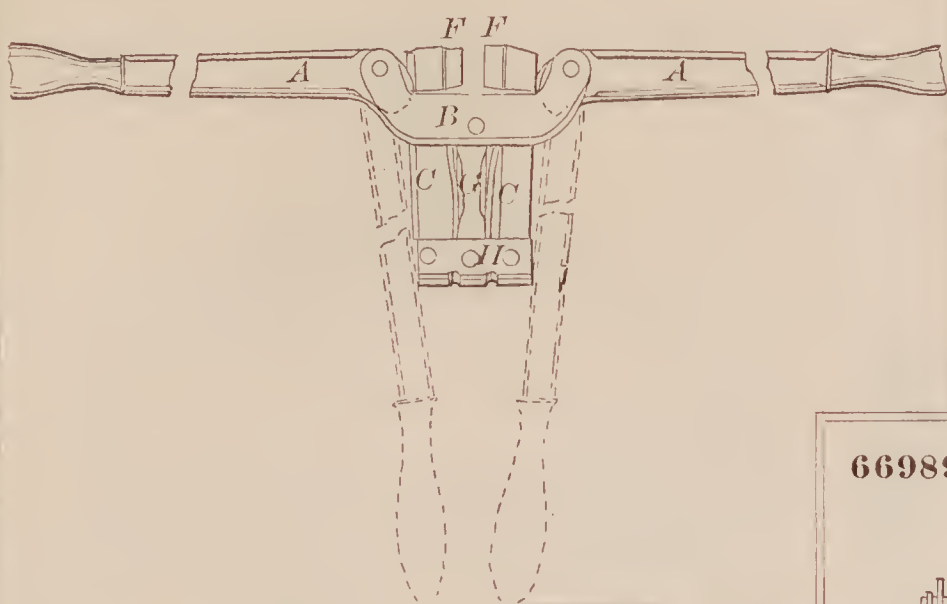


66975—J. L. Lay—*Steam Engine.*

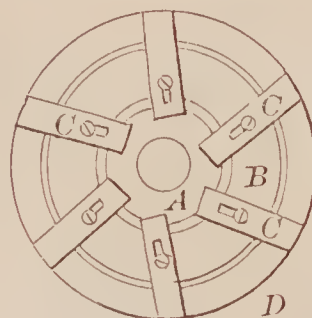


66977—G. W. Leffingwell—*Beehive.*66978—J. Lippincott—*Axe.*66980—D. J. Martin—*Animal Trap.*66979—Lotz & Baumann—*Brick Machine.*66983—J. Miller—*Harvester Rake.*66985—Mitchell & Moriarty—*Moustache Guard.*66981—J. Matson—*Carpet Fastener.*66984—L. H. Miller—*Burglar and Fireproof Safe.*

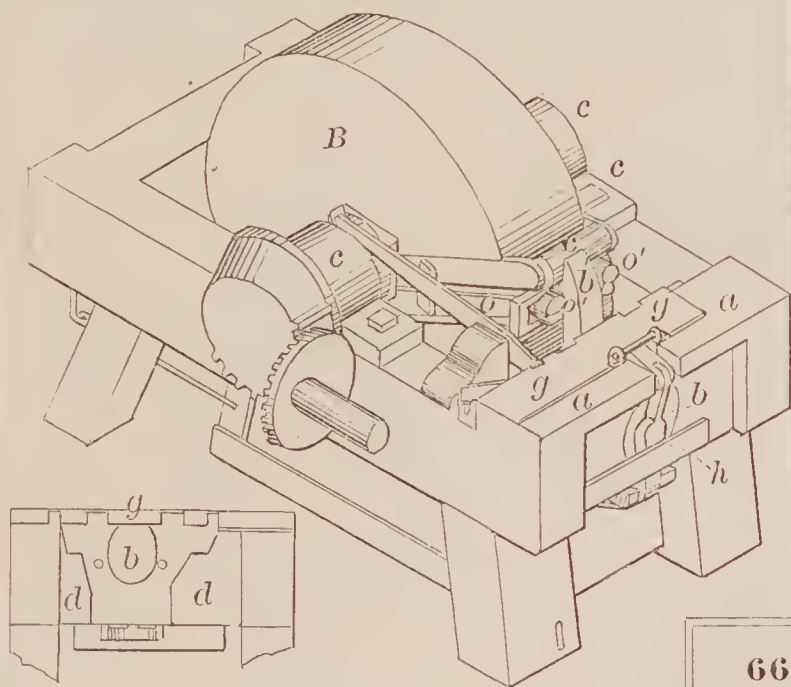
66986—L. J. Newlan—*Bolt Cutter.*



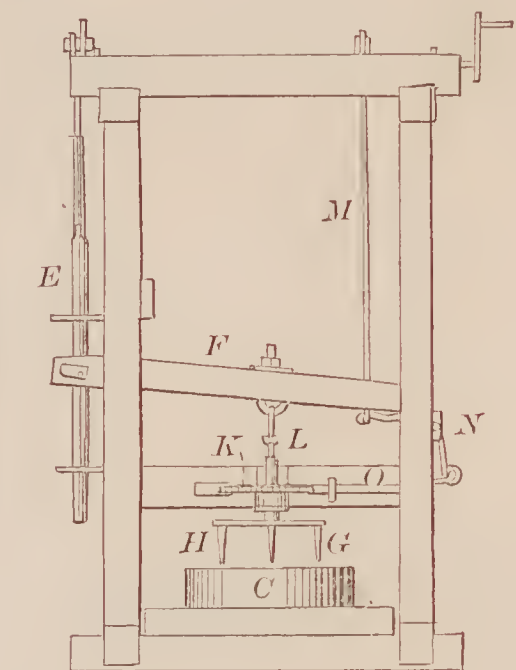
66988—G. H. Ober—*Wood Planing Machine.*



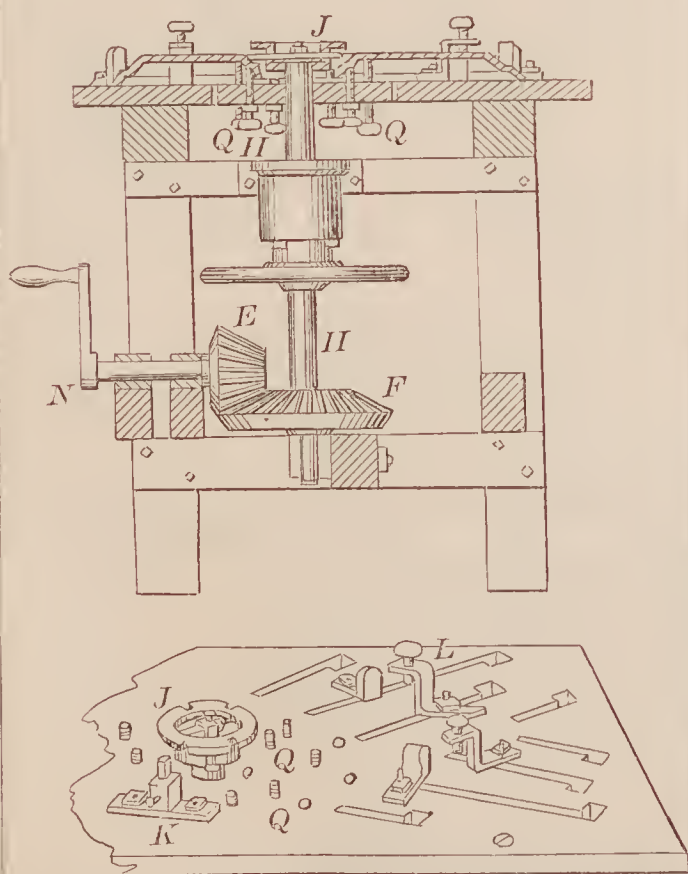
66991—A. Reese—*Horse Shoe Machine.*



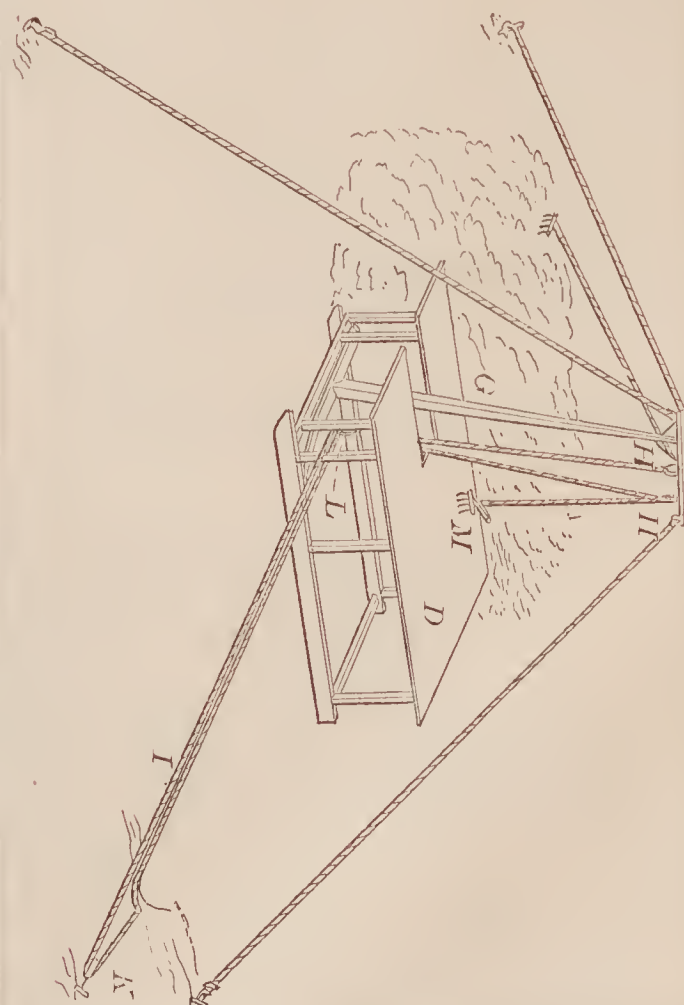
66989—H. Obrecht—*Meat Chopper.*



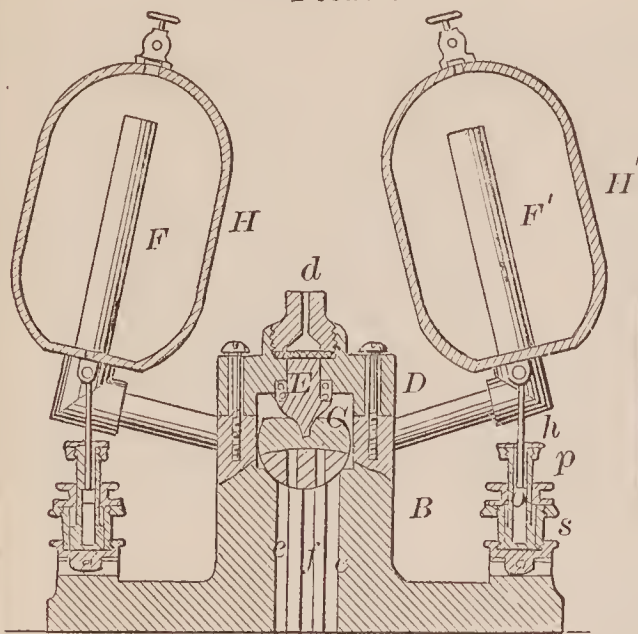
66992—A. P. Rich—*For Fitting up Boiler Hole Seats.*



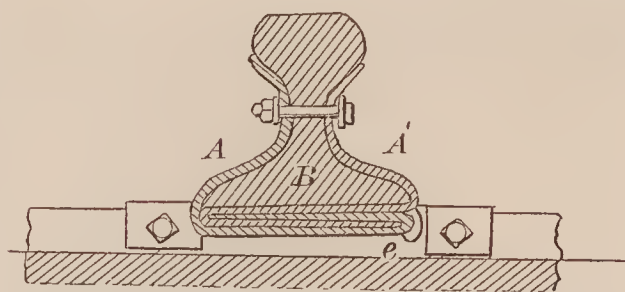
66990—W. L. Overhiser—*Hay Elevator.*



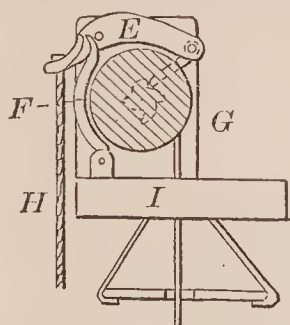
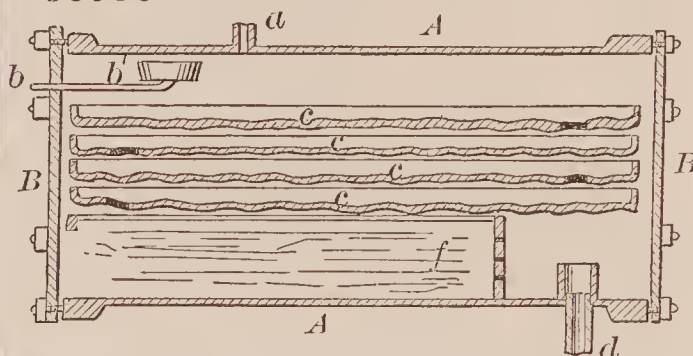
66993—G. A. Riedel—*Automatic Boiler Feeder.*



66994—T. E. Sexton—*Railroad Rail Coupling.*

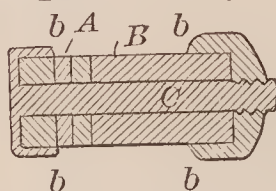


66998—E. R. Stilwell—*Feed Water Heater.*

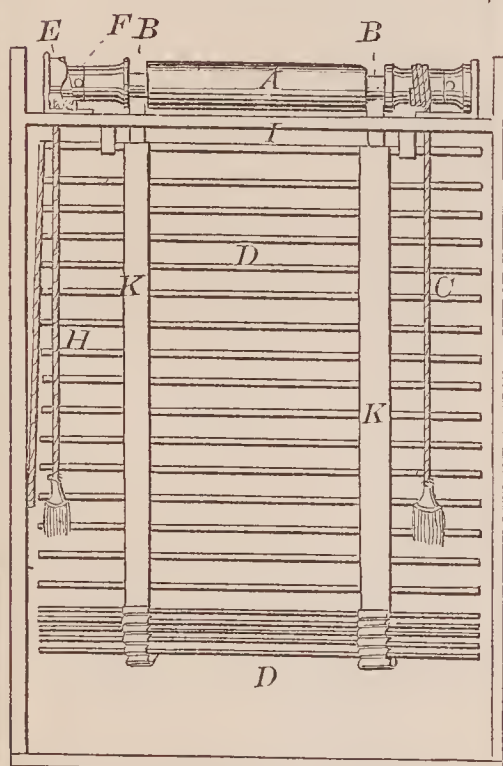
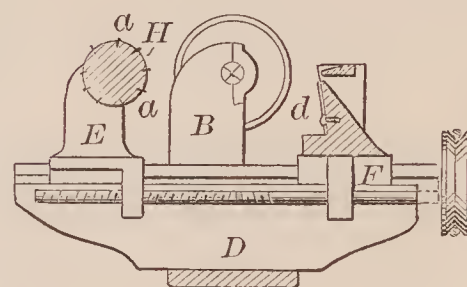
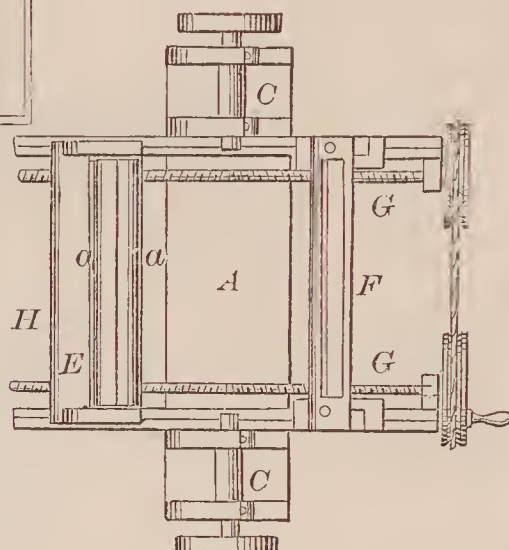


66995—G. F. Smith—*Venetian Blind.*

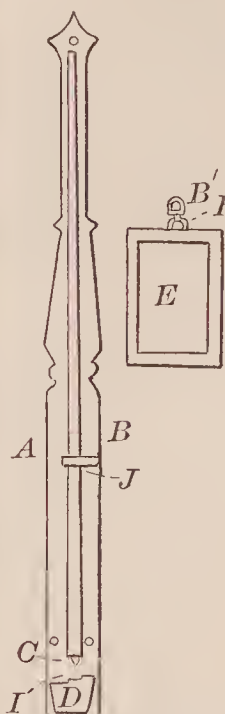
66996—O. B. Smith—*Loom Picker.*



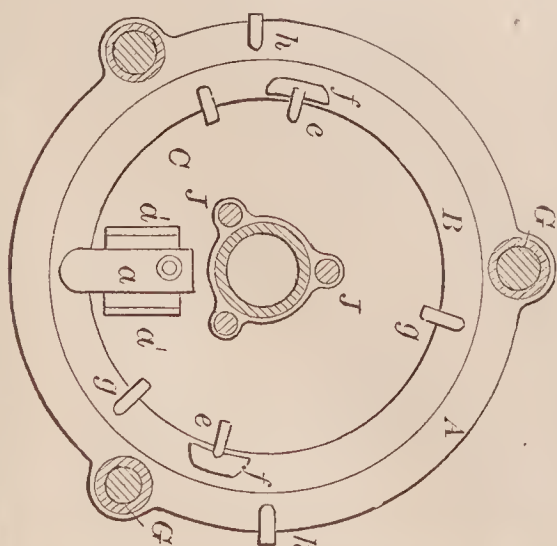
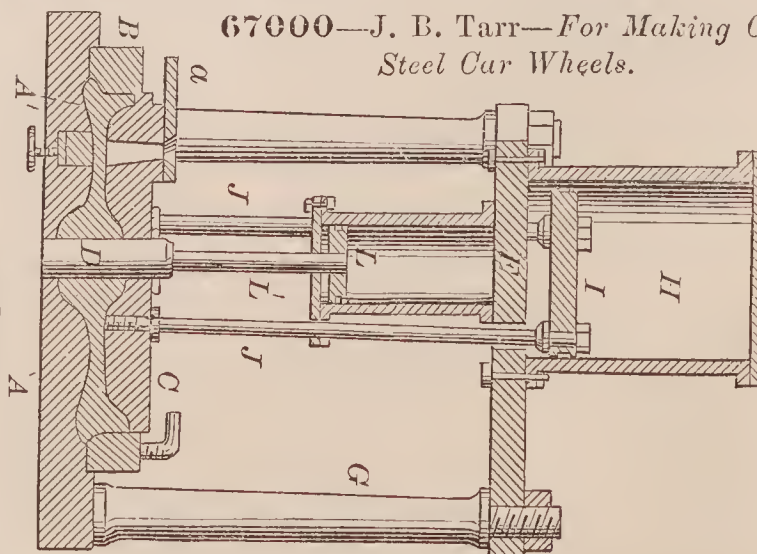
66997—T. B. Smith—*For Cutting Veneers.*



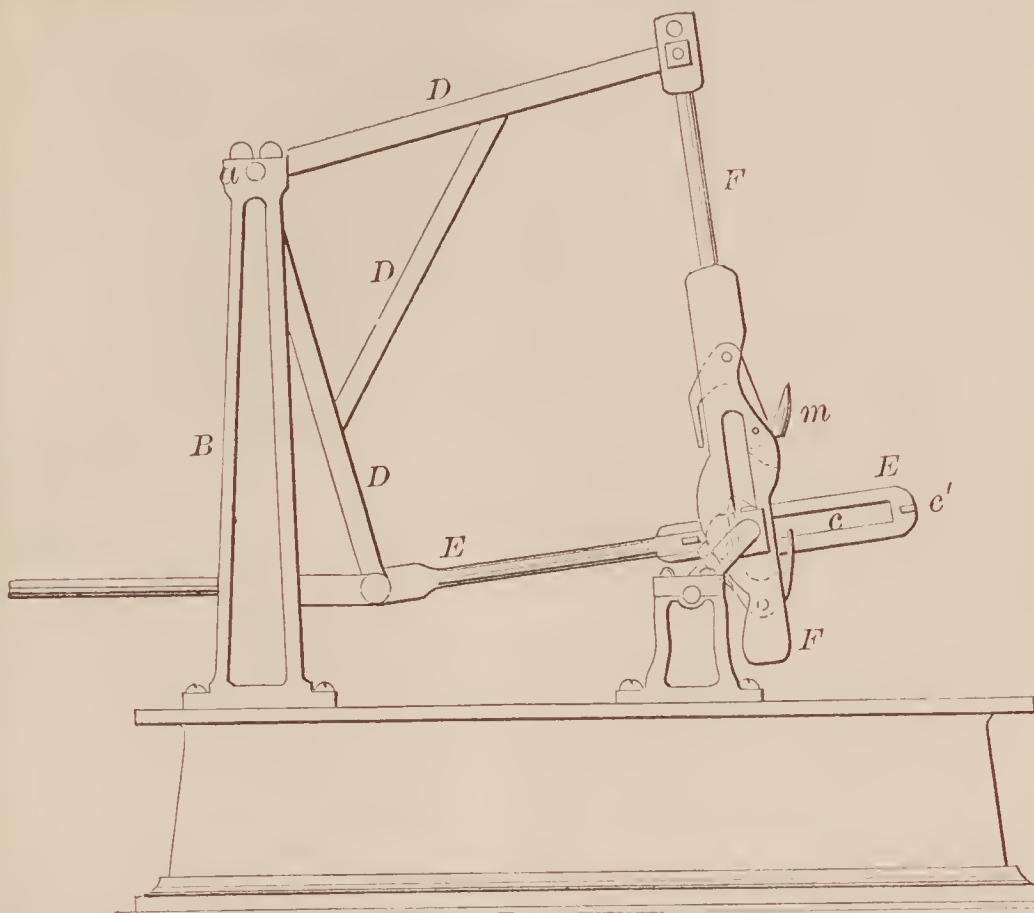
66999—J. Stofer—*Toilet Glass.*



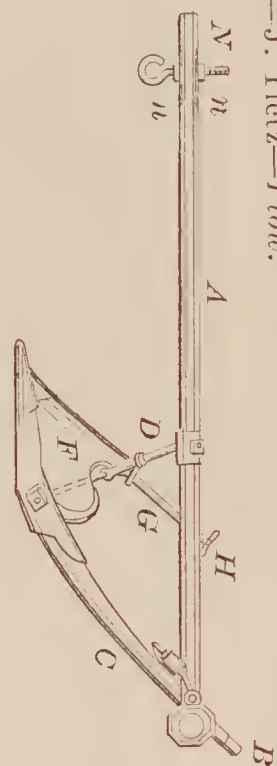
67000—J. B. Tarr—*For Making Cast Steel Car Wheels.*



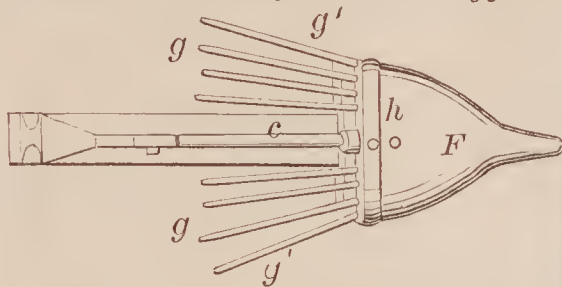
67001—T. Taylor—*Crank Motion.*



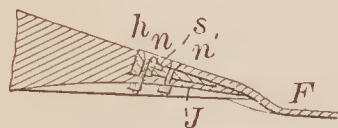
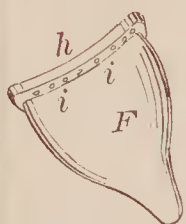
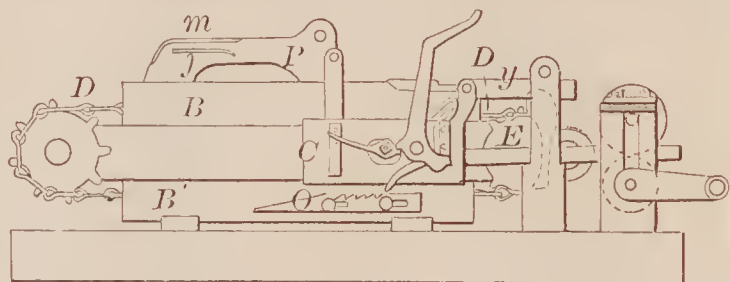
67002—J. Fietz—*Plow.*



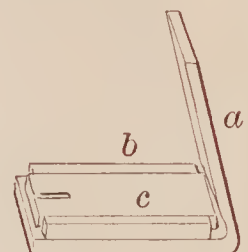
67004—J. Walmsley—*Potato Digger.*



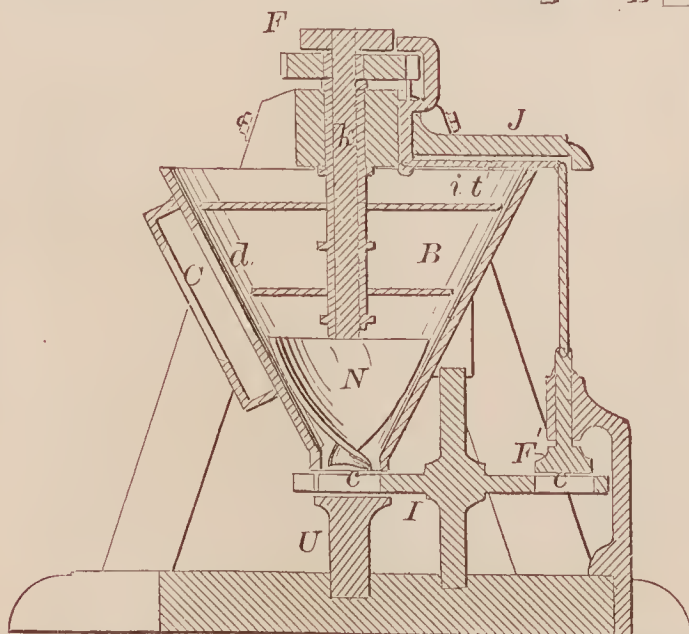
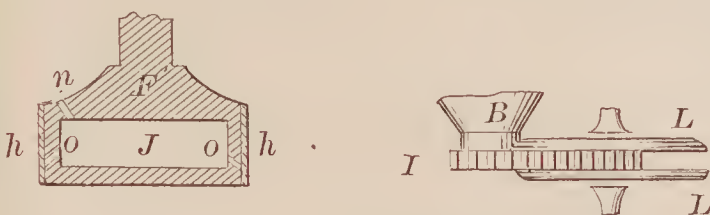
67003—C. W. Wailey—*For Pulling Metal Hoops from the Finishing Rolls of Rolling Machines.*



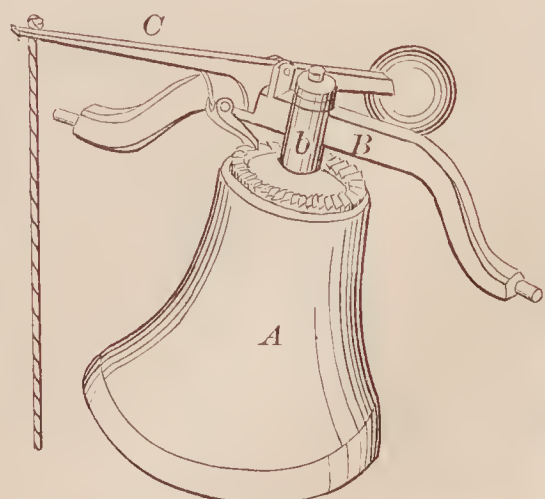
67005—H. Waters—*Fagot for Scythes.*



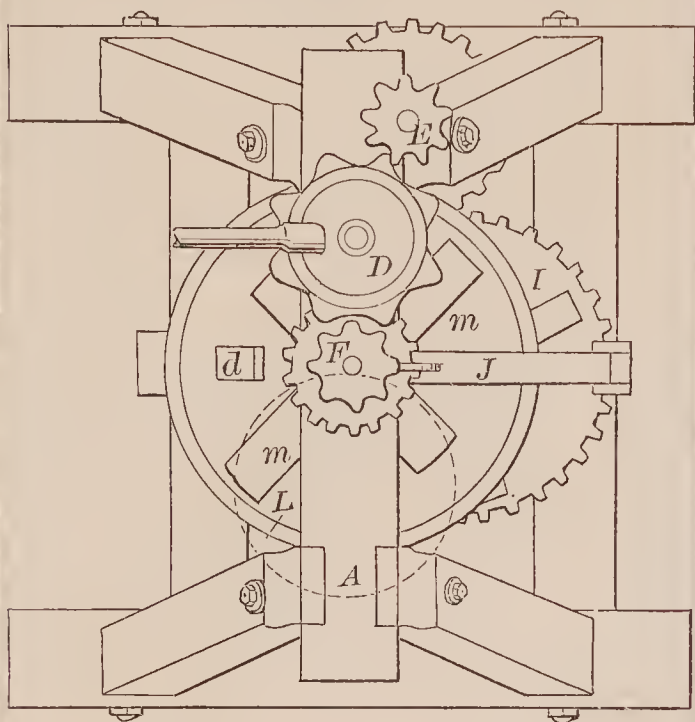
67007—J. A. Welsh—*Brick Machine.*



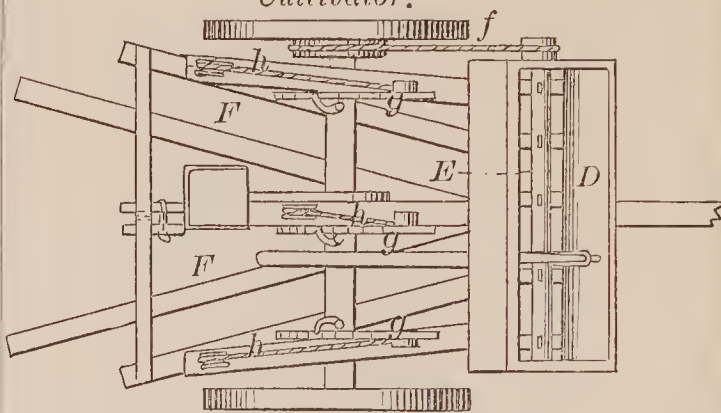
67006—P. L. Weimer—*For Ringing Bells.*




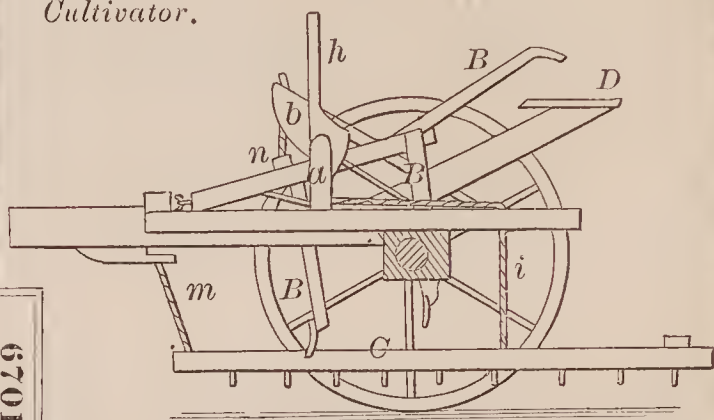
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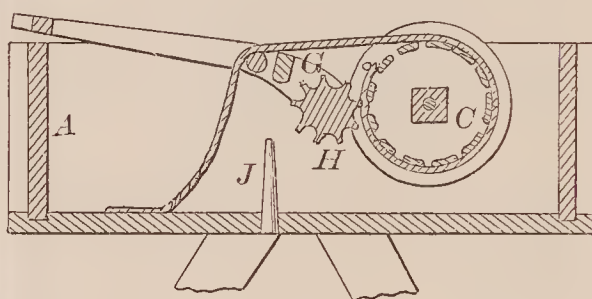
67008—W. & J. Whit—*Seeder and Cultivator.*



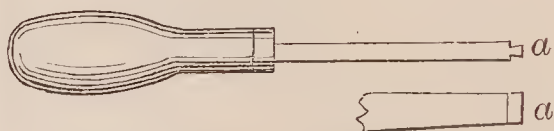
67009—W. & J. Whit—*Sulky Harrow and Cultivator.* 



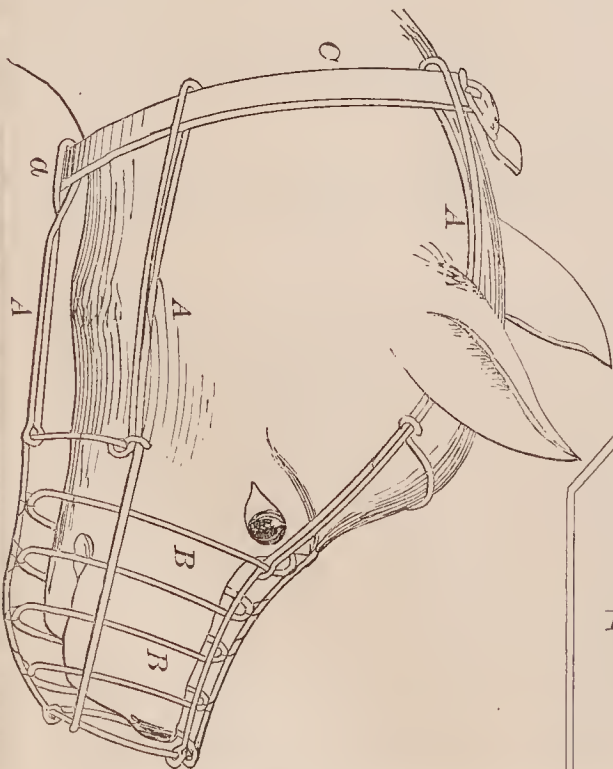
67013—W. W. Adams—*Washing Machine.*



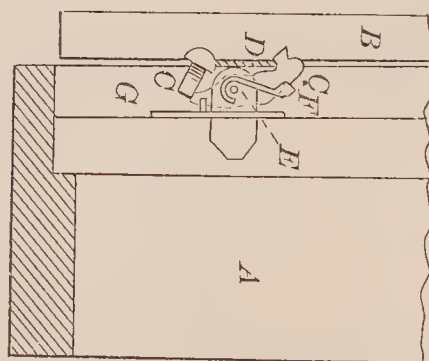
67014—J. A. Ayres—*Screwdriver.*



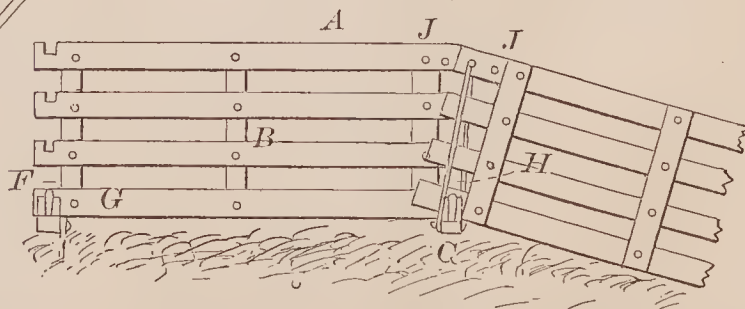
67016—Belmer & Schultz—*Dog Muzzle.*



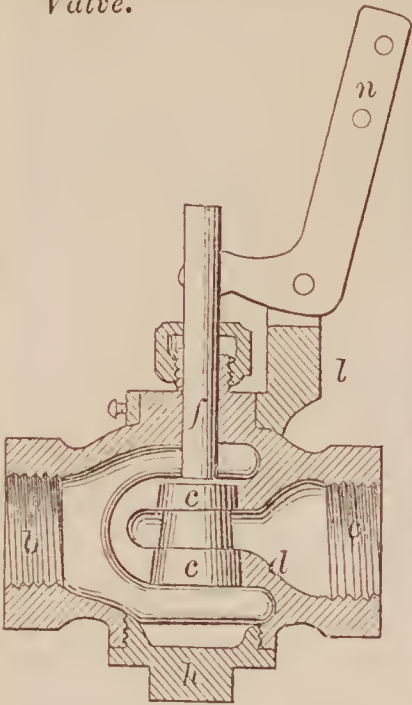
67015—J. R. Baker—*Window Blind Fastener.*



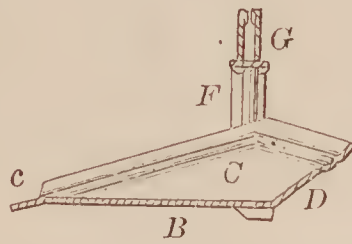
67017—I. Boone—*Fence.*



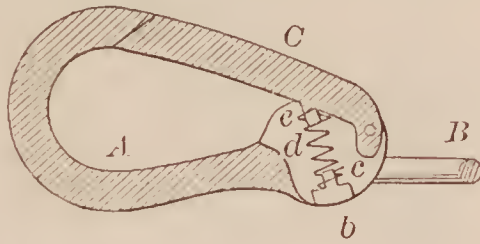
67018—J. Briggs—*Globe Valve.*



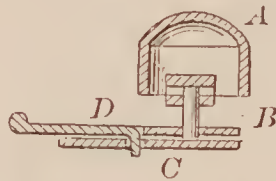
67019—A. Brigham—*Dust Pan.*



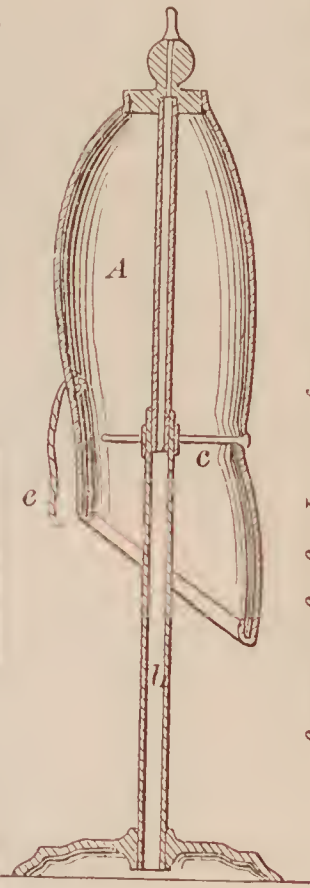
67020—C. B. Bristol—*Snap Hook.*



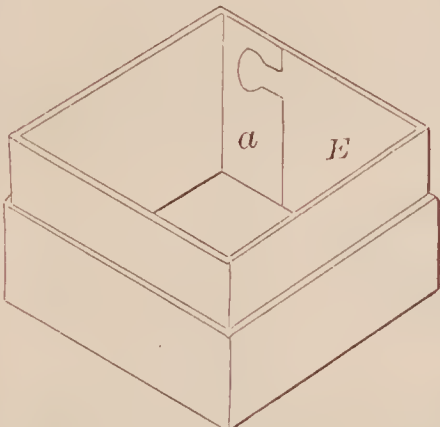
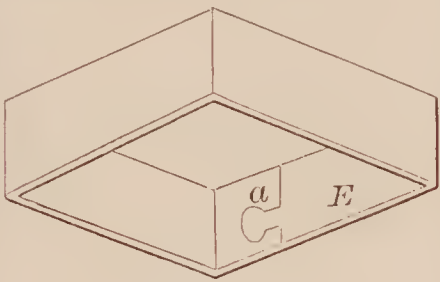
67023—V. Charlet—*Stud and Button Fastening.*



67021—W. E. Brock—*Stand for Displaying Clothing.*



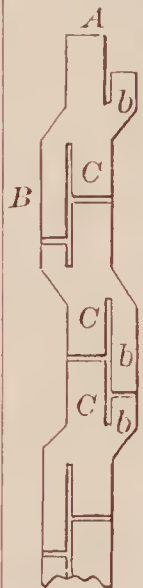
67022—L. Carrier—*Pasteboard Box.*



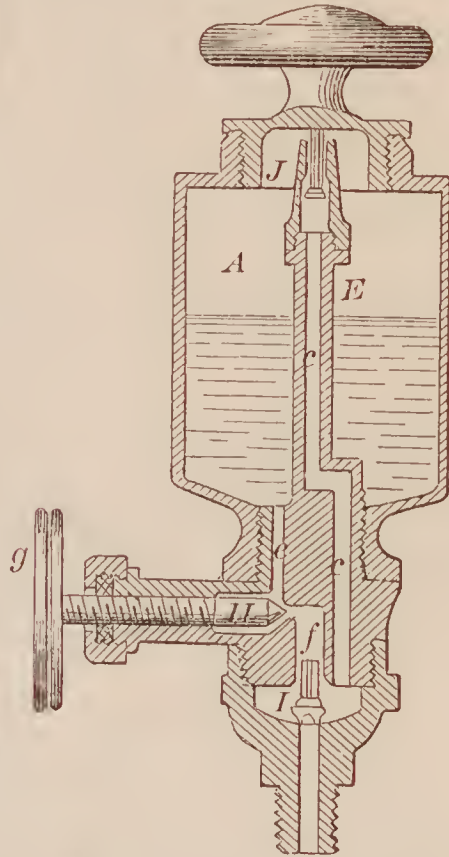
67026—G. F. J. Colburn—*Base for Artificial Teeth.*



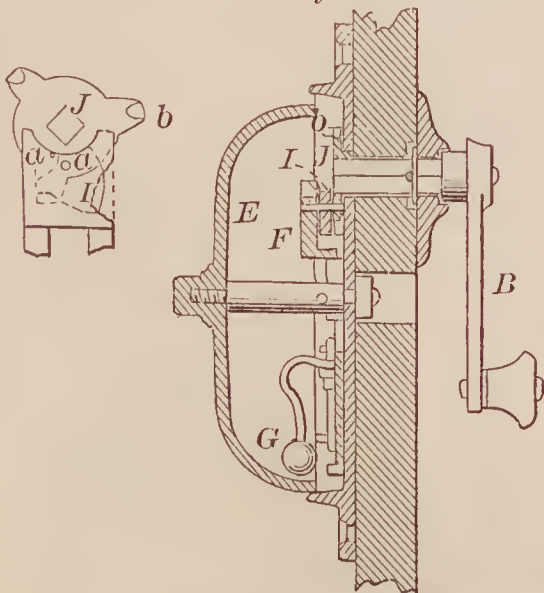
67024—J. B. Clark—*Making Solid Blanks for Wagon Shackles.*



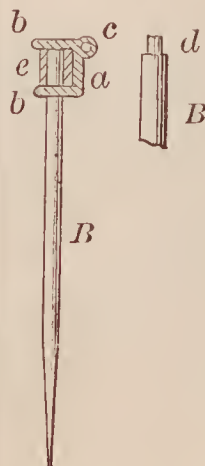
67027—J. Collett—*Steam Engine Lubricator.*



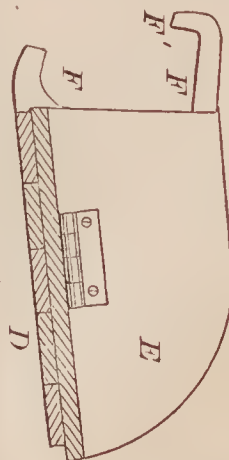
67030—Delavan & Dyson—*Door Bell.*

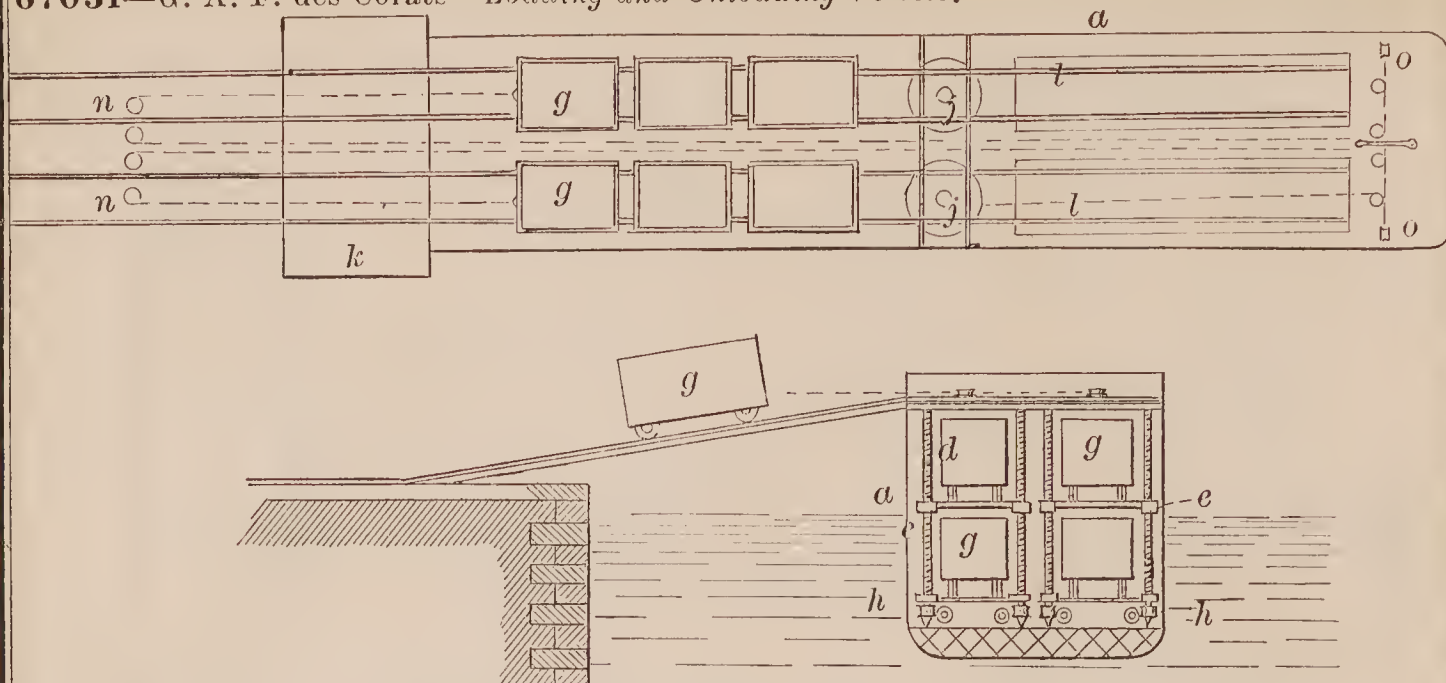
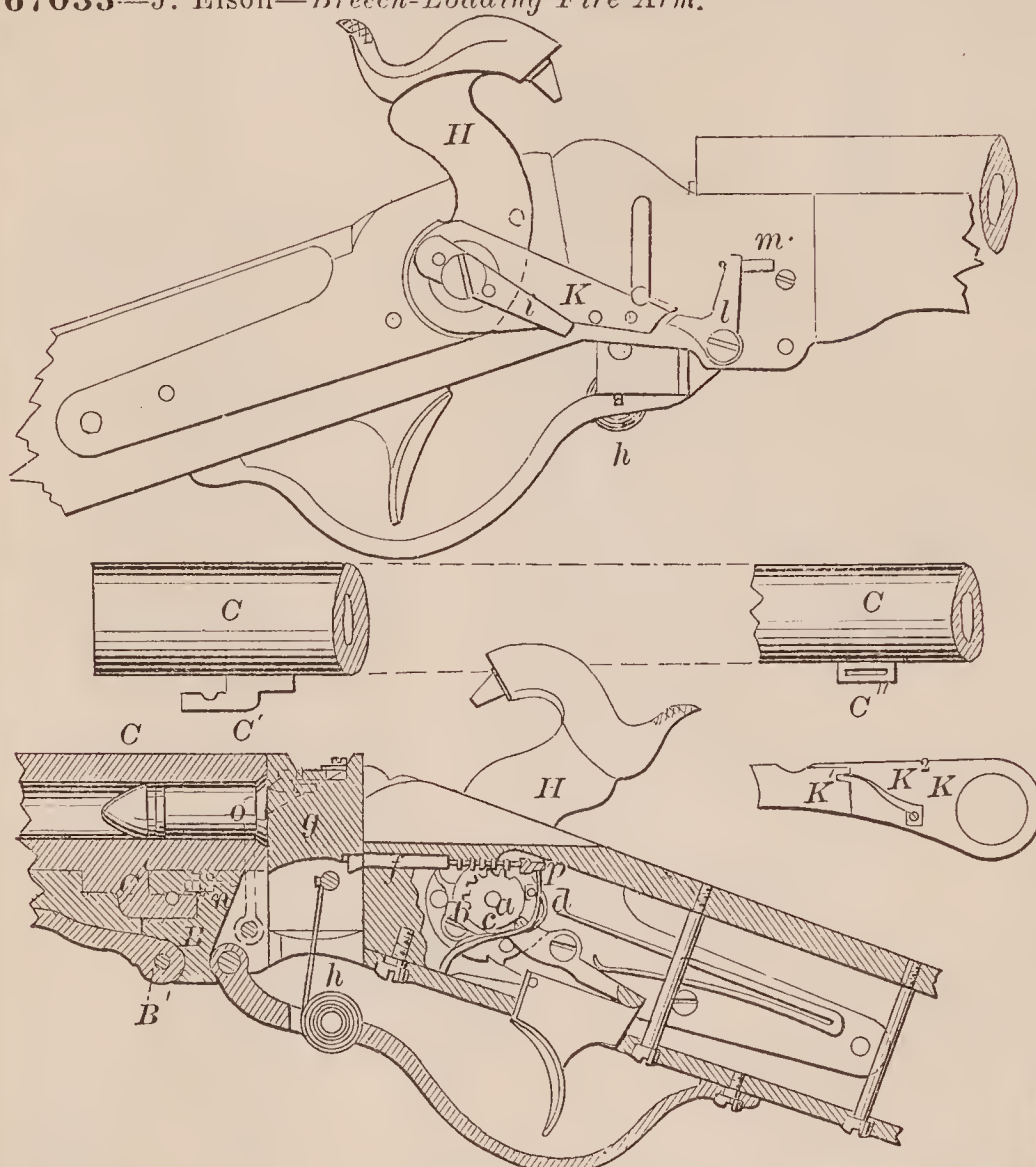
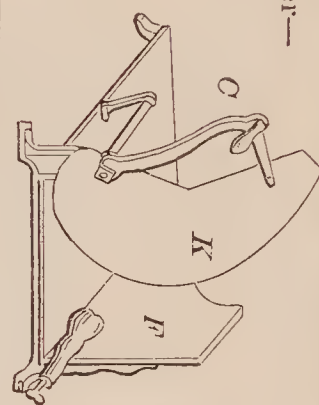
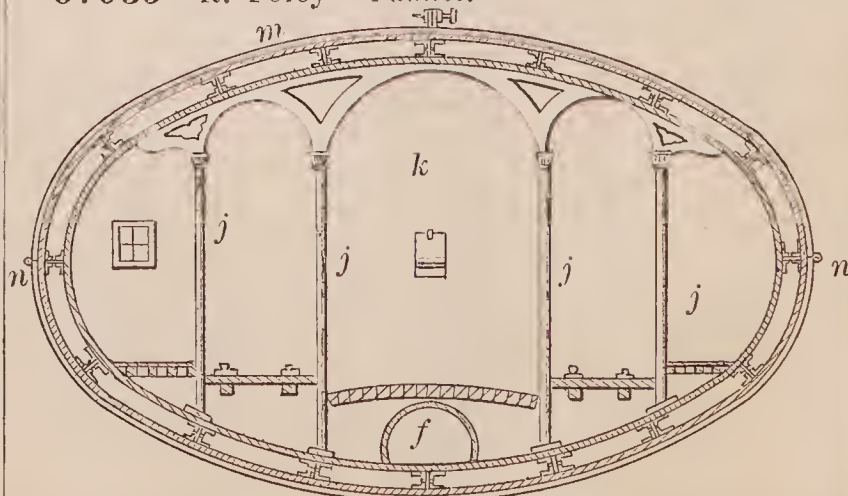
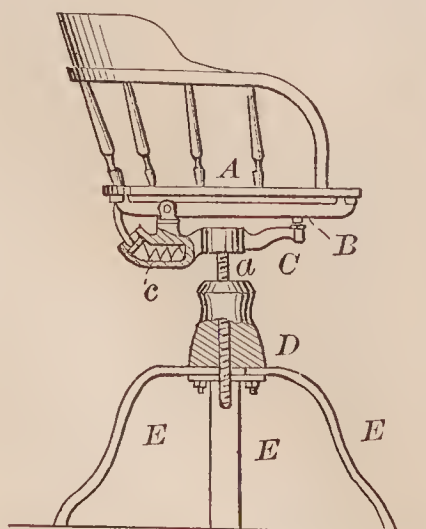


67029—S. Davidson—*Tongue for Breastpins.*

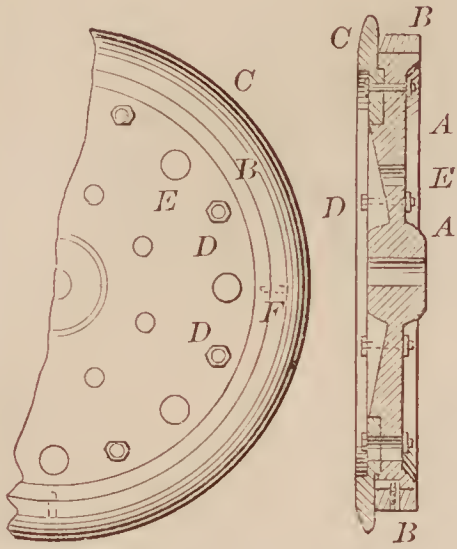


67028—E. F. Conner—*Wagon Bed.*

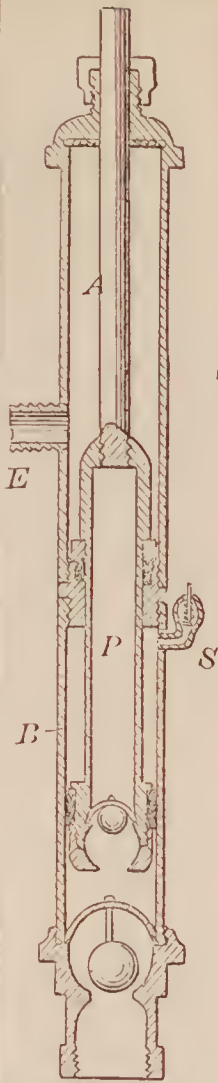


67031—G. A. F. des Corats—*Loading and Unloading Vessels.*67033—J. Elson—*Breech-Loading Fire Arm.*67032—A. M. Dexter—*Bread Cutter.*67035—R. Foley—*Tunnel.*67034—R. Pitts, Jr.—*Office Chair.*

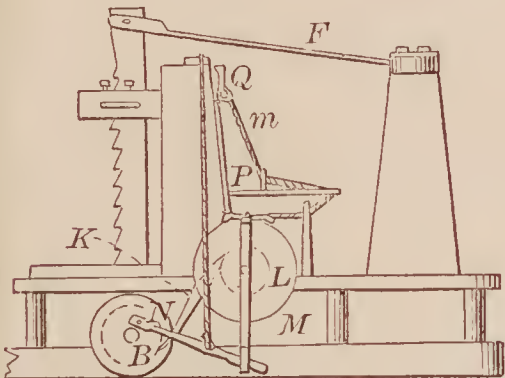
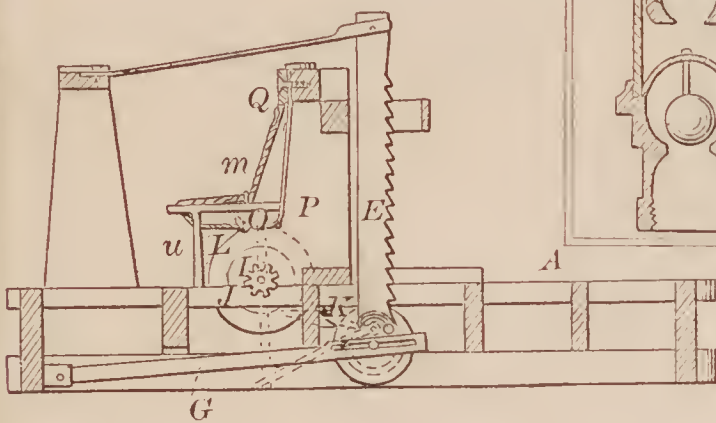
67036—D. Forrest—*Car Wheel.*



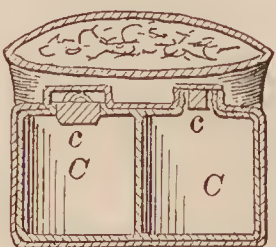
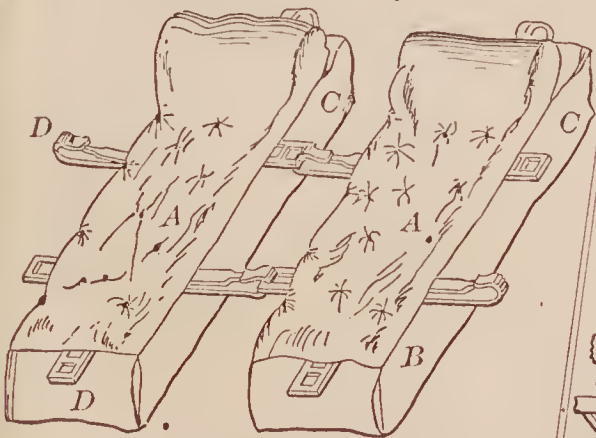
67037—H. Getty—*Pump.*



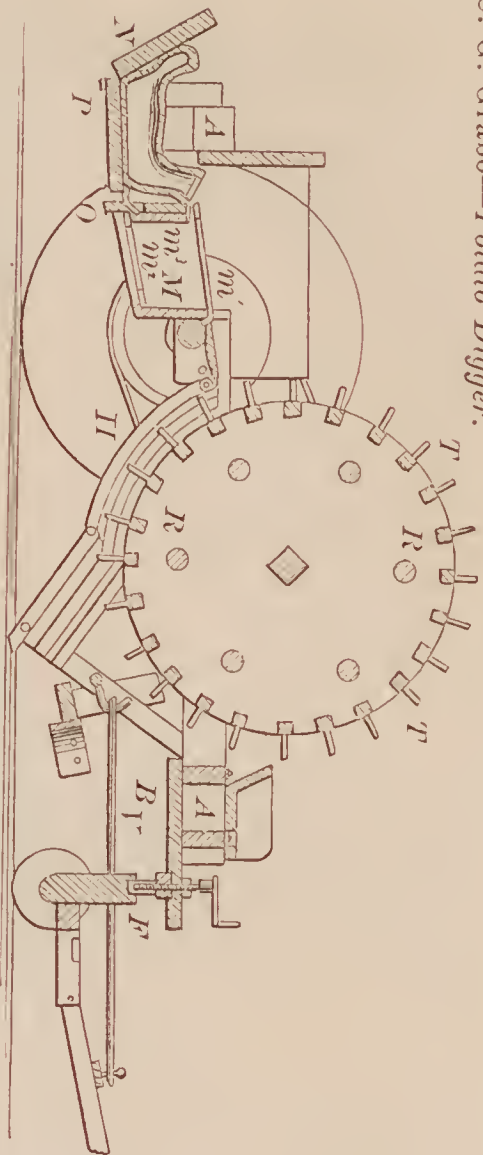
67038—Gifford & Felts—*Sawmill.*



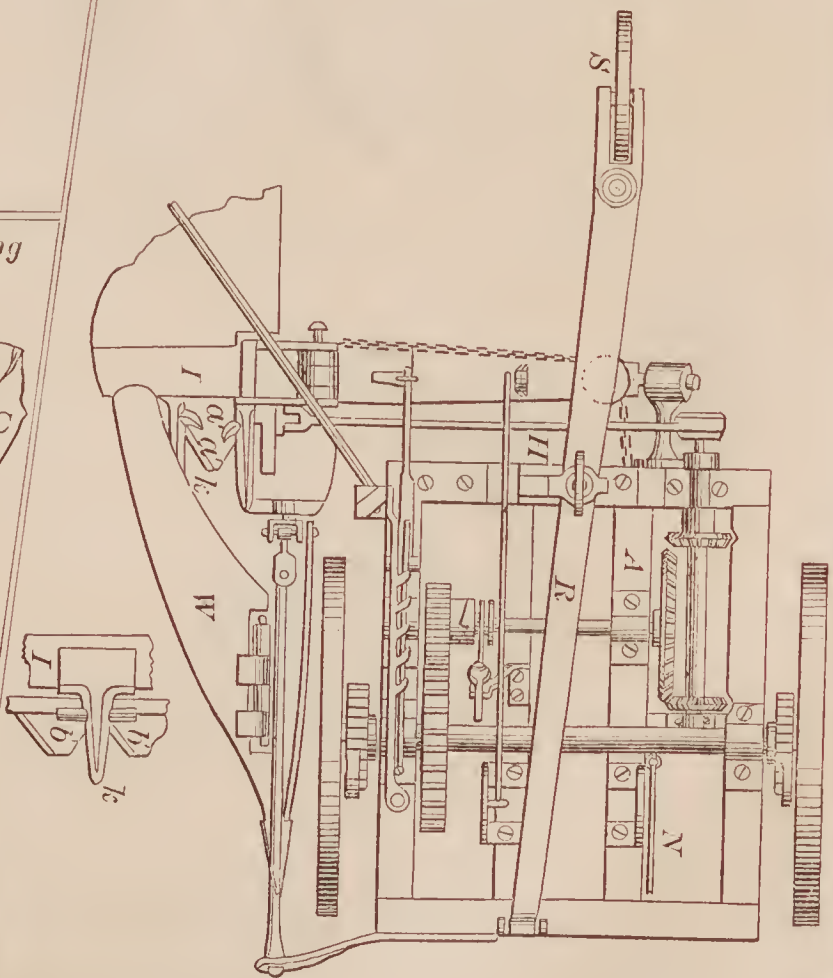
67039—J. Golding—*Life Preserving Mattress and Raft.*



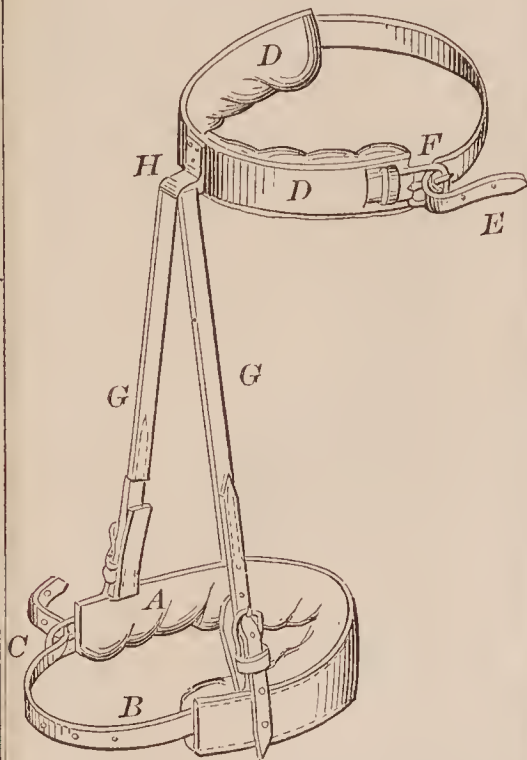
67040—C. G. Grabo—*Potato Digger.*



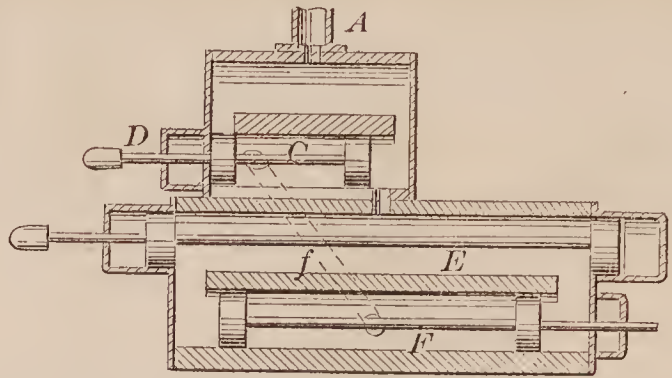
67041—A. B. Graham—*Harvester.*



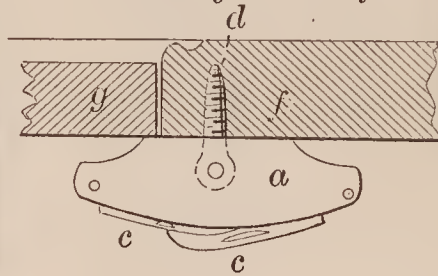
67042—W. M. Greenwood—*Training Hopple.*



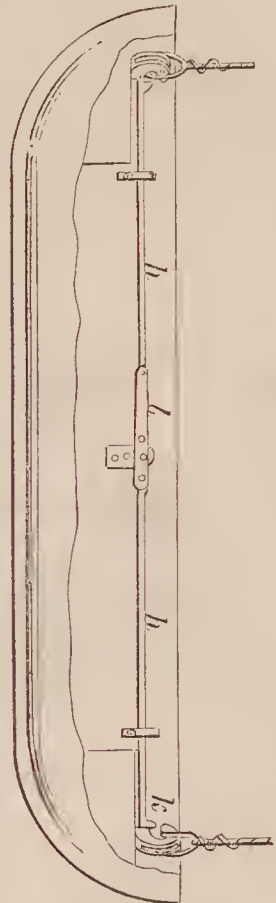
67043—Griswold & Caul—*Cut-off Valve.*



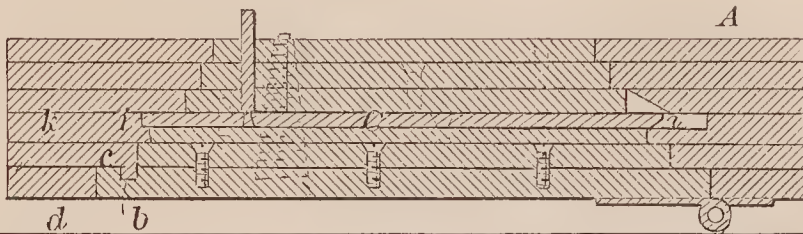
67044—A. W. Hall—*Door Fastening and Knife.*



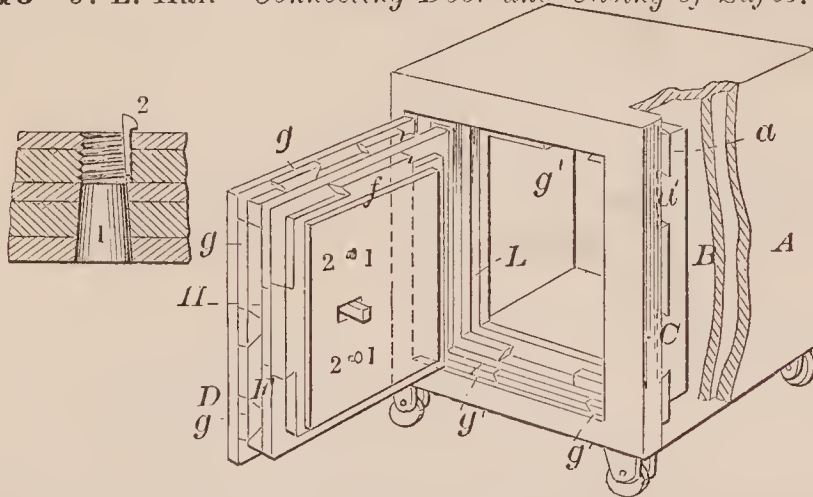
67047—T. C. Hargrave—*Boat Detaching Tackle.*



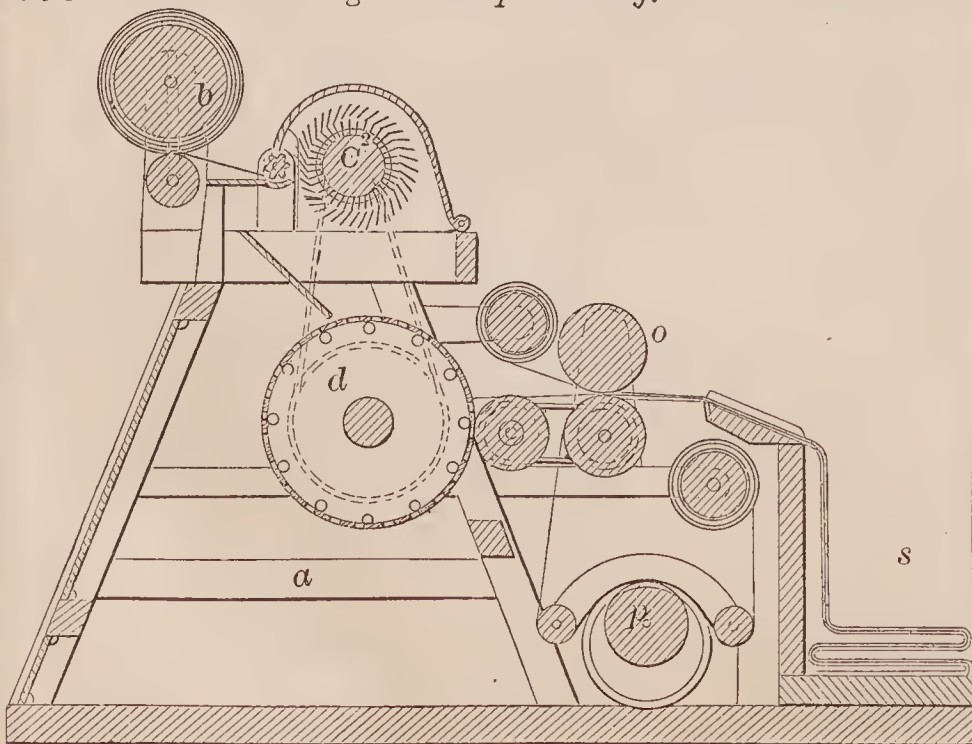
67045—J. L. Hall—*Safe.*



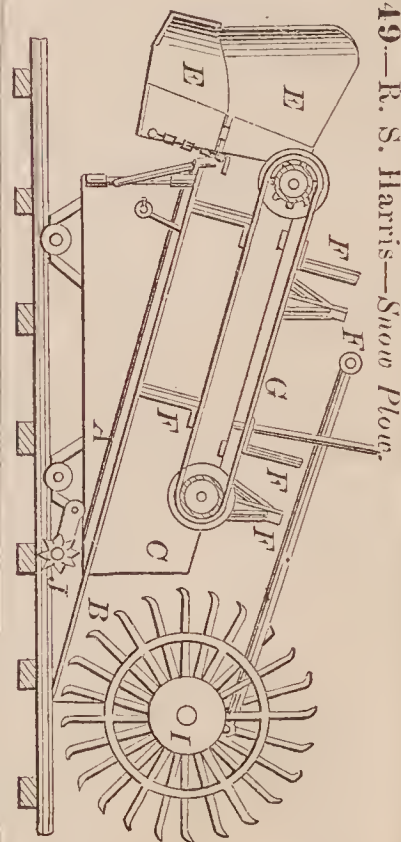
67046—J. L. Hall—*Connecting Door and Casing of Safes.*



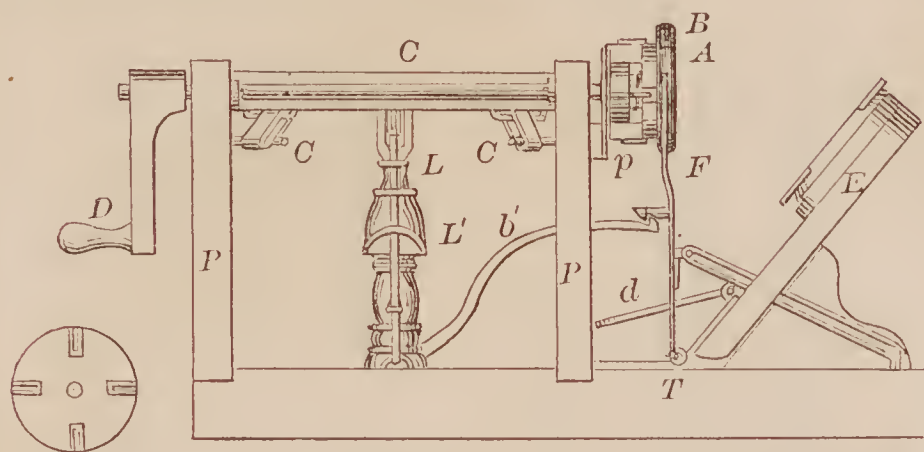
67048—J. R. Harrington—*Carpet Lining.*



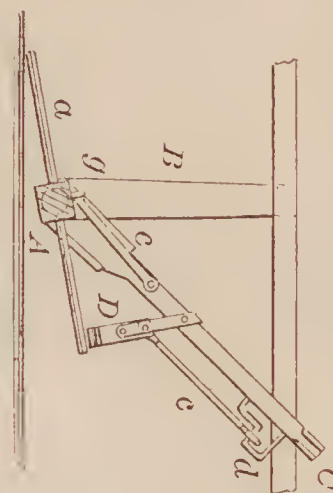
67049—R. S. Harris—*Snow Plow.*



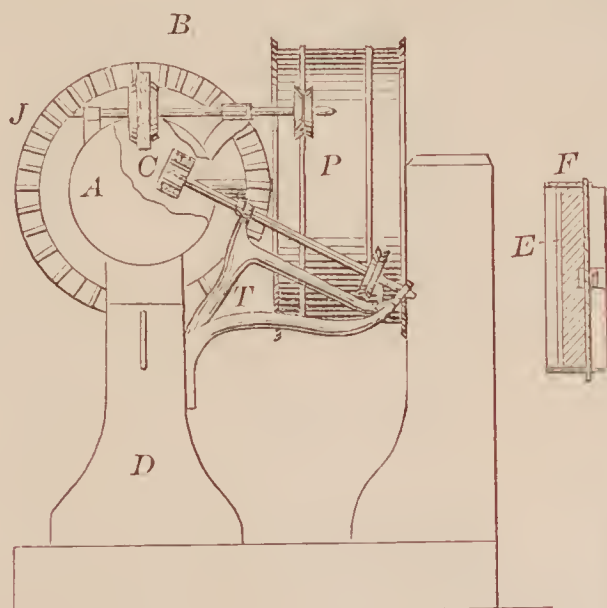
67050—C. B. Hatfield—*Making Paper Boxes.*



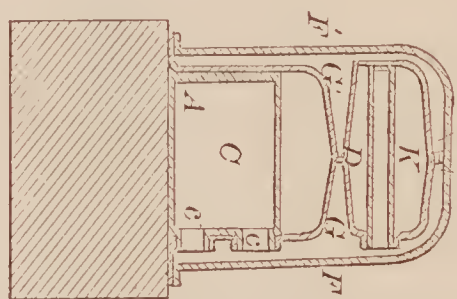
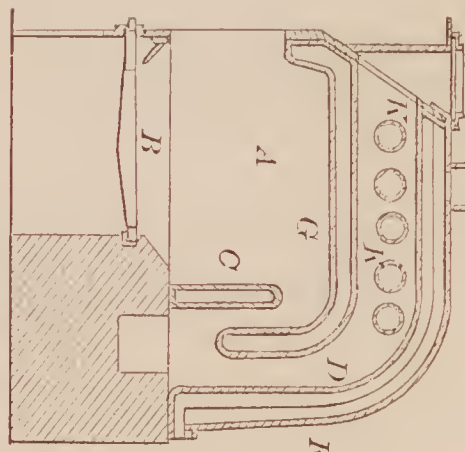
67054—J. B. Hoag—*Horse Rake.*



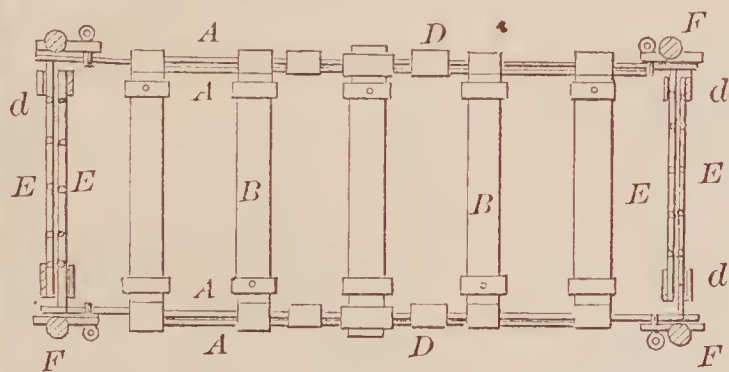
67051—C. B. Hatfield—*Making Paper Boxes.*



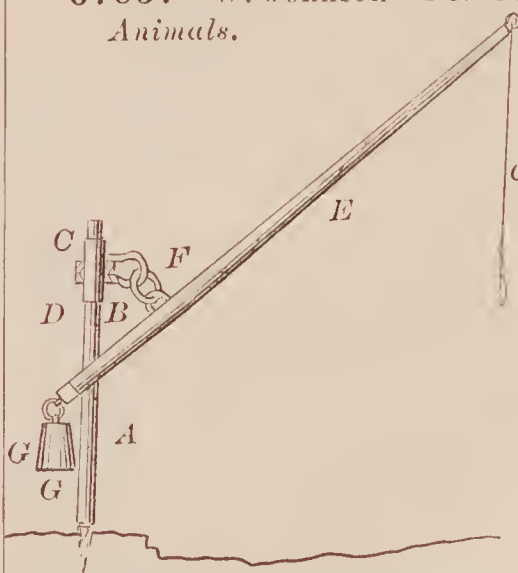
67053—C. F. Hitchings—*Boiler for Heating Buildings.*



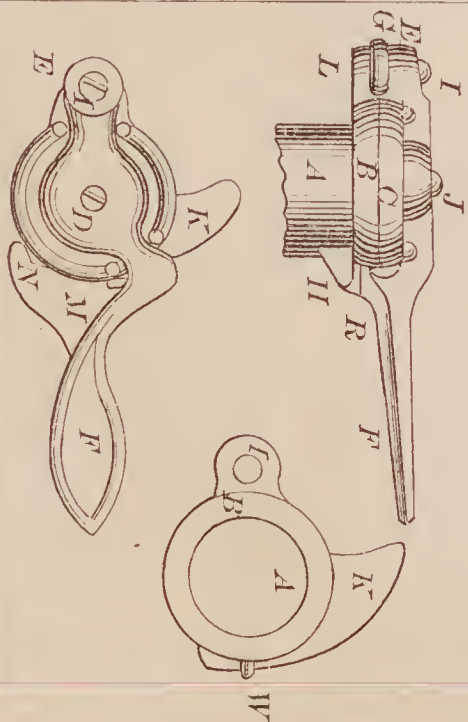
67055—J. Holzman—*Extension Bedstead.*



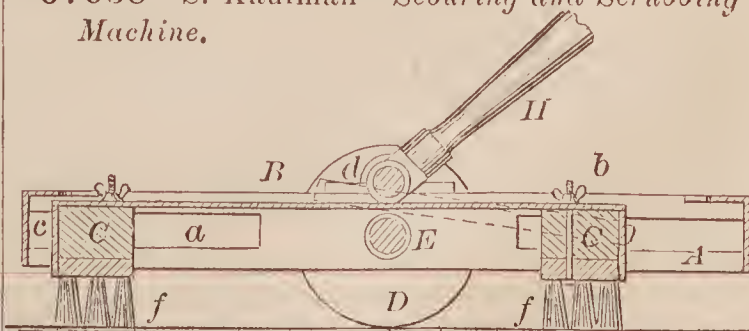
67057—W. Johnson—*For Tethering Animals.*



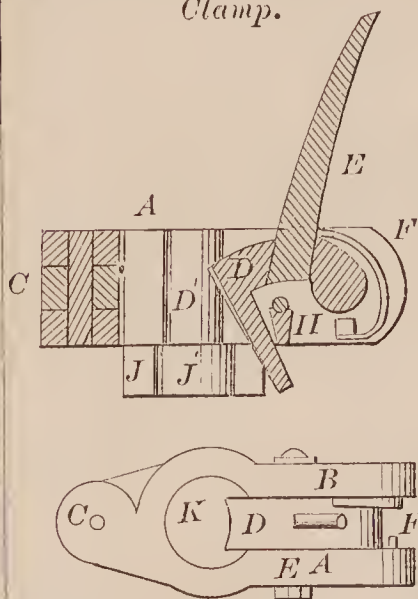
67056—W. H. Humphrey—*Faucet.*



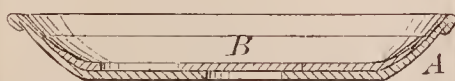
67058—S. Kaufman—*Scouring and Scrubbing Machine.*



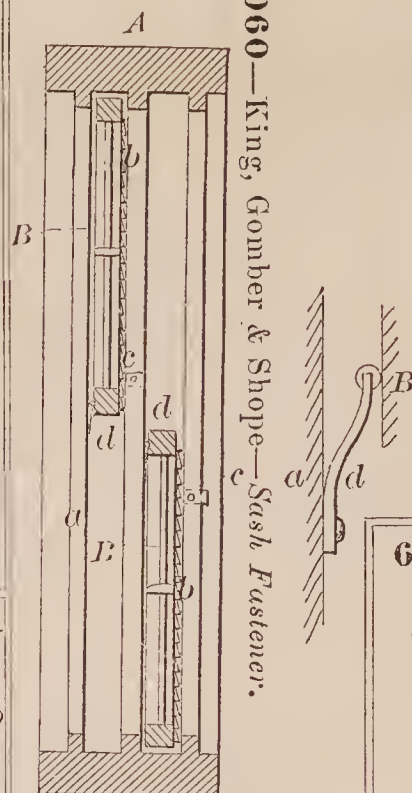
67059—H. Kewley—*Tubing Clamp.*



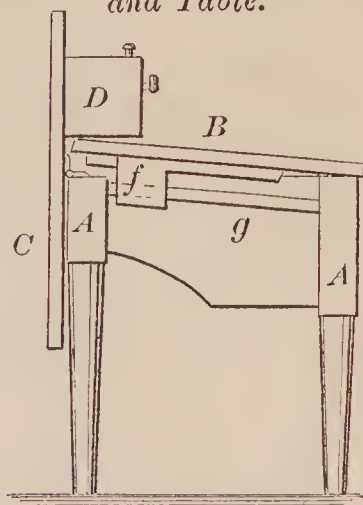
67061—Kohler & Conover—*Pie Plate.*



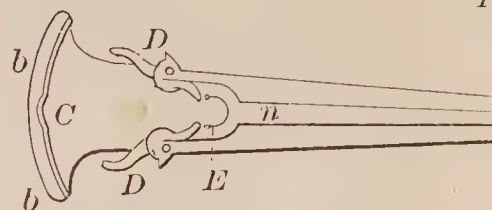
67060—King, Gumber & Shope—*Sash Fastener.*



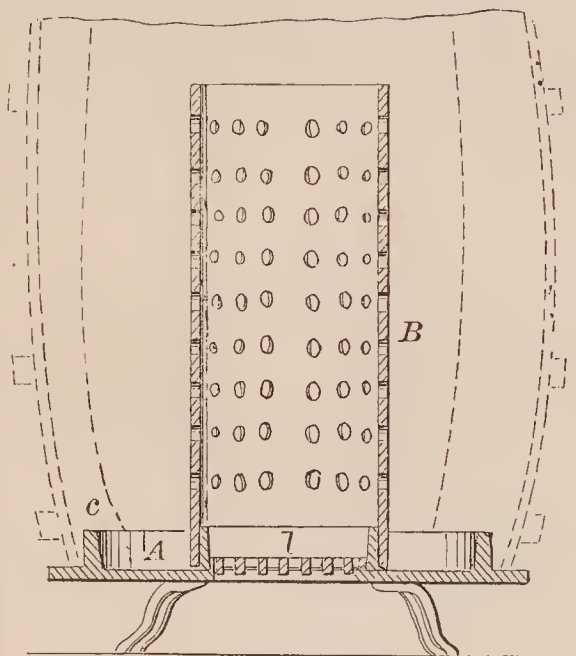
67063—A. A. McMore—*Desk and Table.*



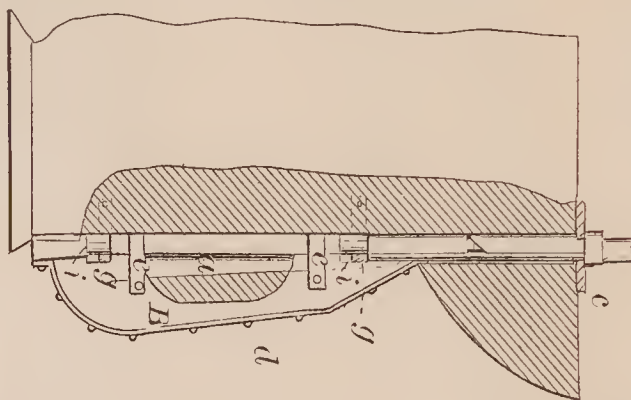
67064—J. P. Morris—*Car Coupling.*



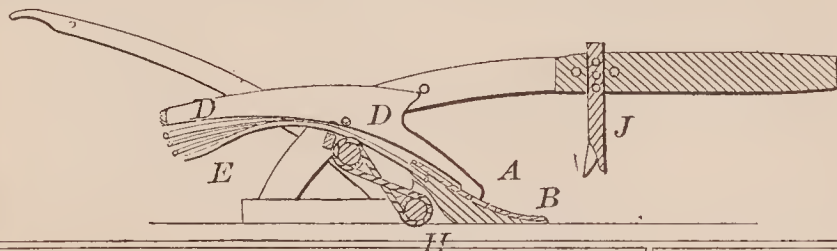
67062—J. F. Little—*Barrel Cresset.*



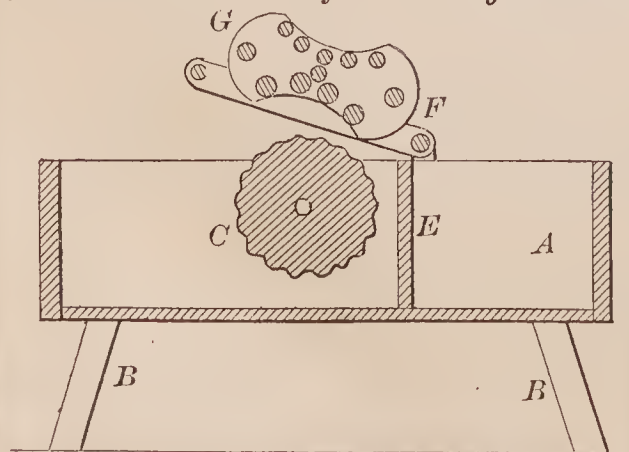
67066—T. W. Murray—*Rudder.*



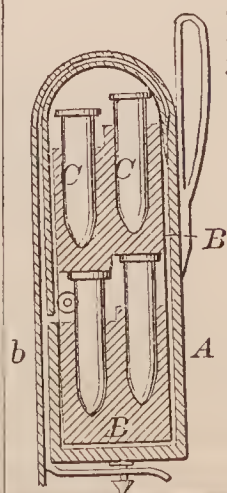
67068—J. D. C. Outwater—*Potato Digger.*



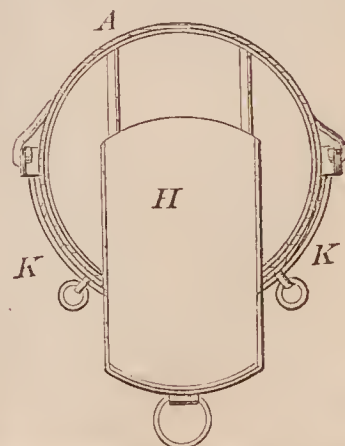
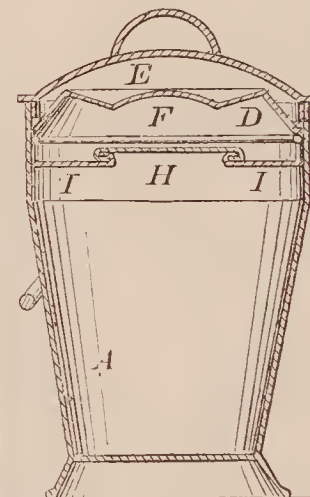
67069—Platt & Gray—*Washing Machine.*



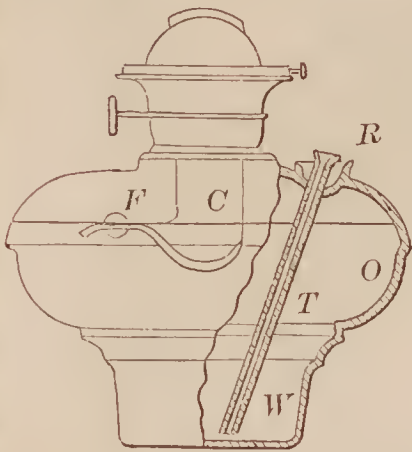
67065—W. H. Morris—*Cartridge Box.*



67067—J. H. Orr—*Chamber Pail.*



67070—W. Porter—*Lamp.*



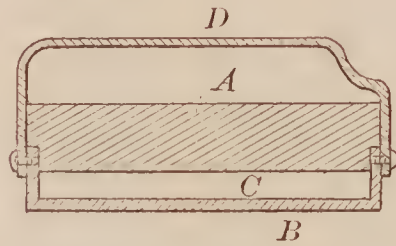
67071—L. Postawka—*Railroad Spike.*



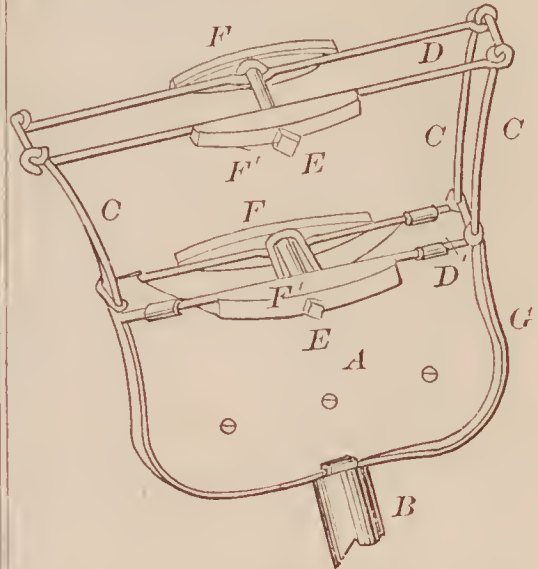
67073—A. Reed—*Loth Frame.*



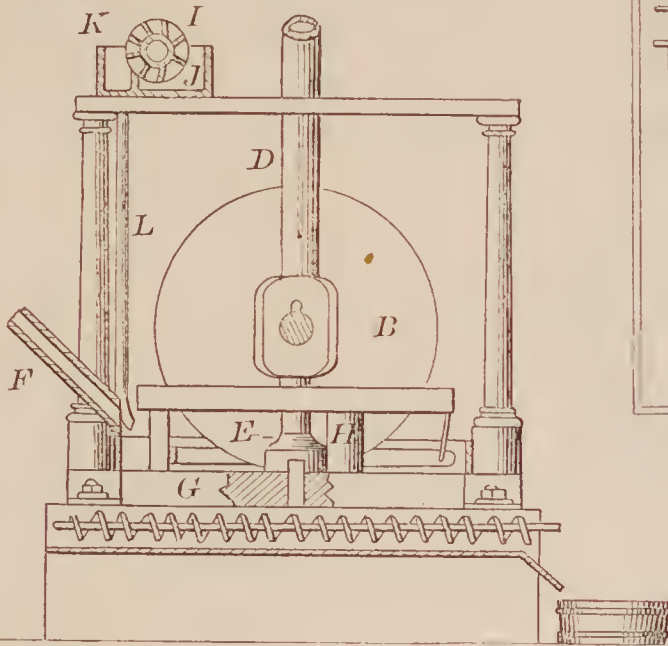
67072—D. H. Priest—*Sad Iron.*



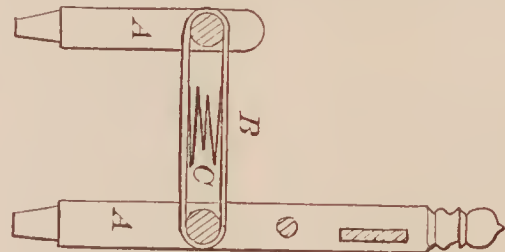
67075—J. A. Sinclair—*Broom Head.*



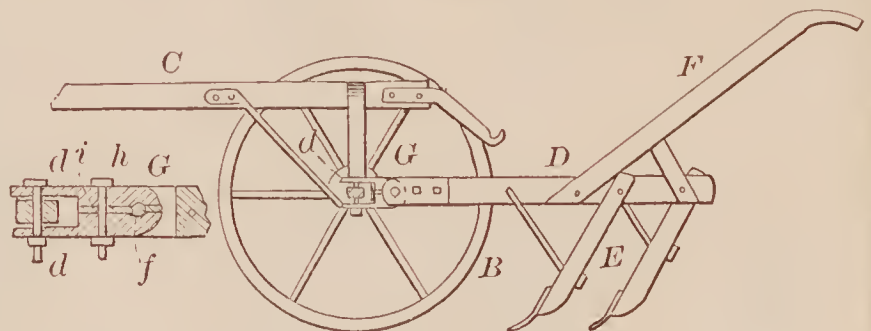
67074—T. Rowe—*Quartz Mill.*



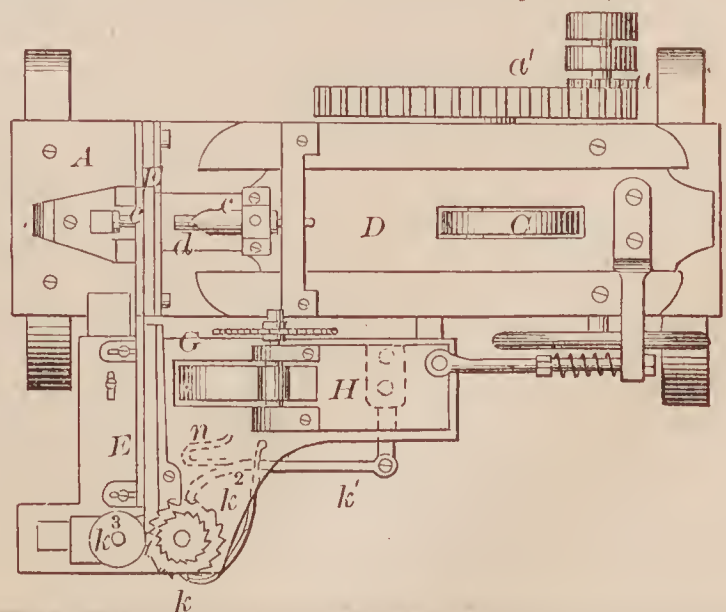
67077—L. A. Smith—*Chair Seat.*



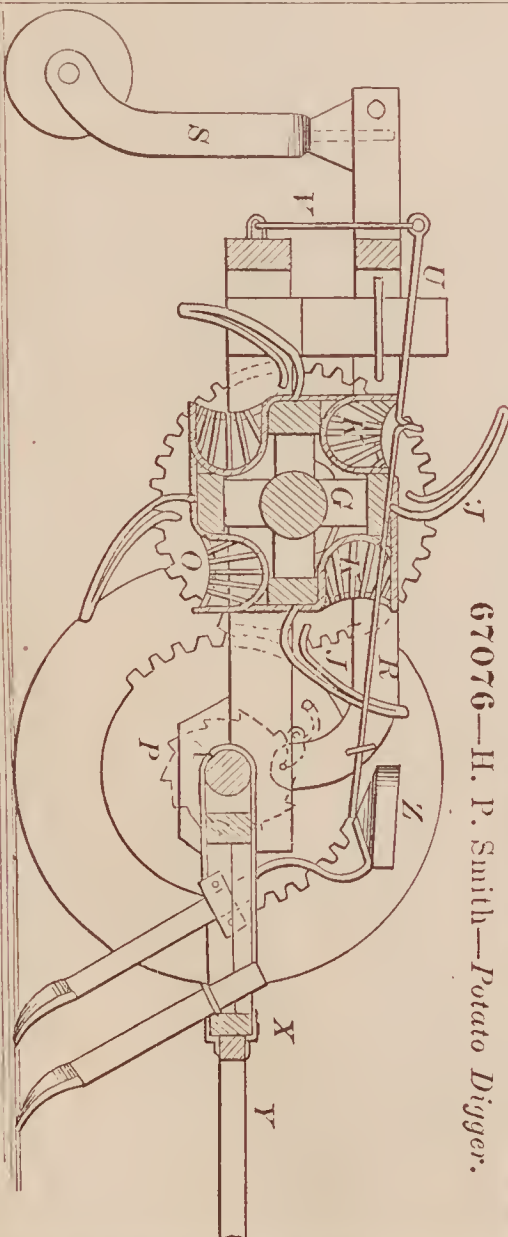
67078—W. E. Smith—*Cultivator.*

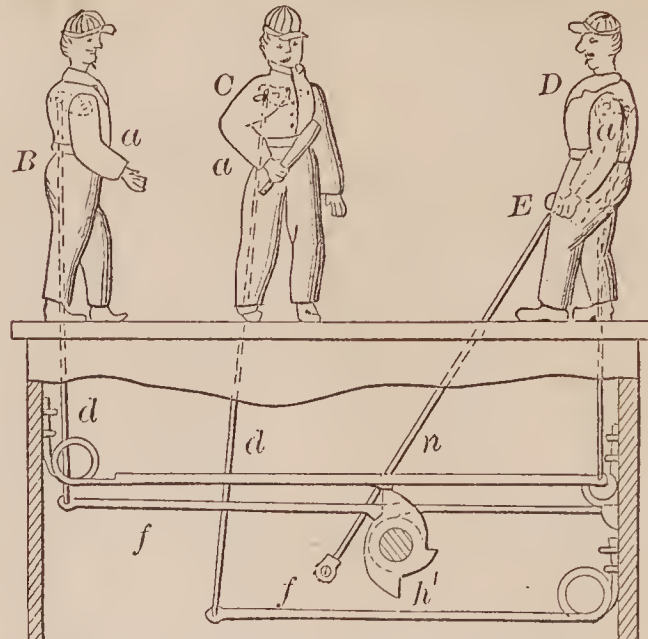
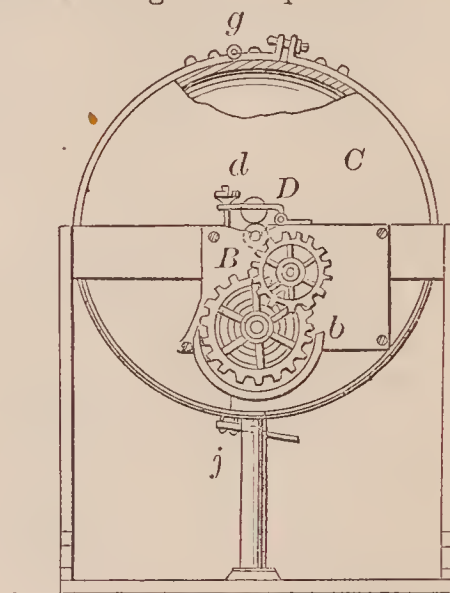
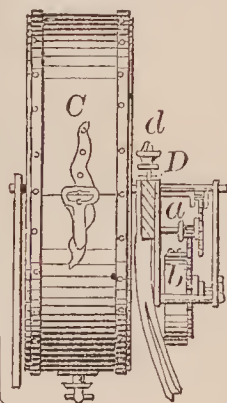
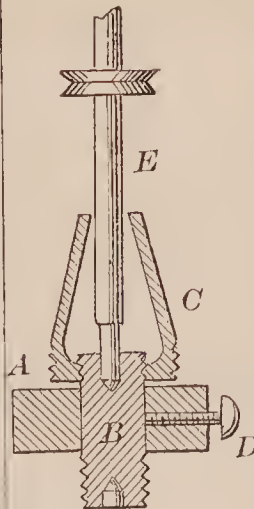
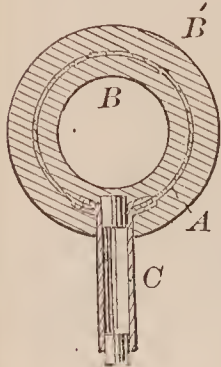
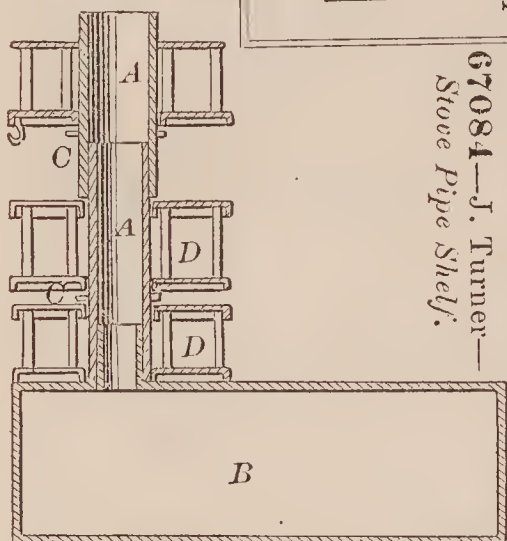
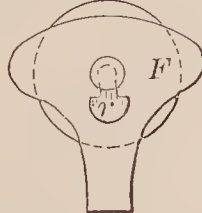
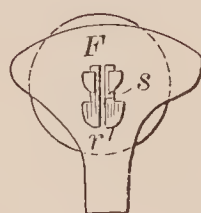
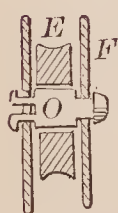
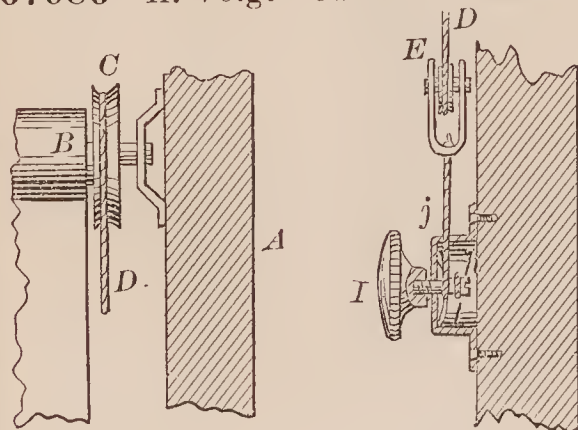
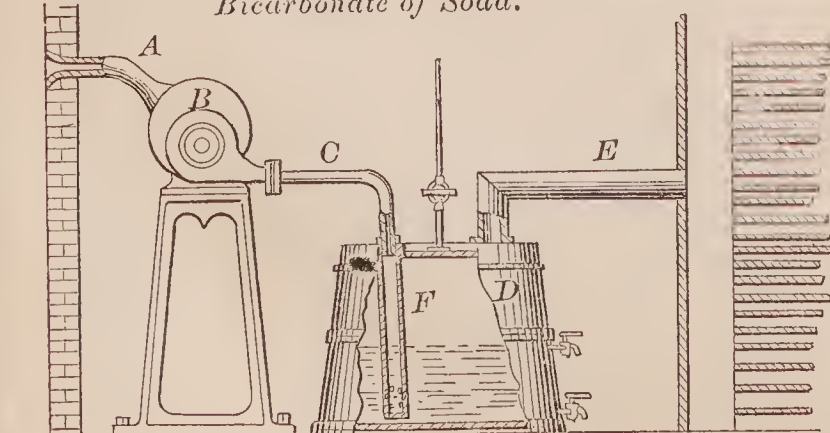
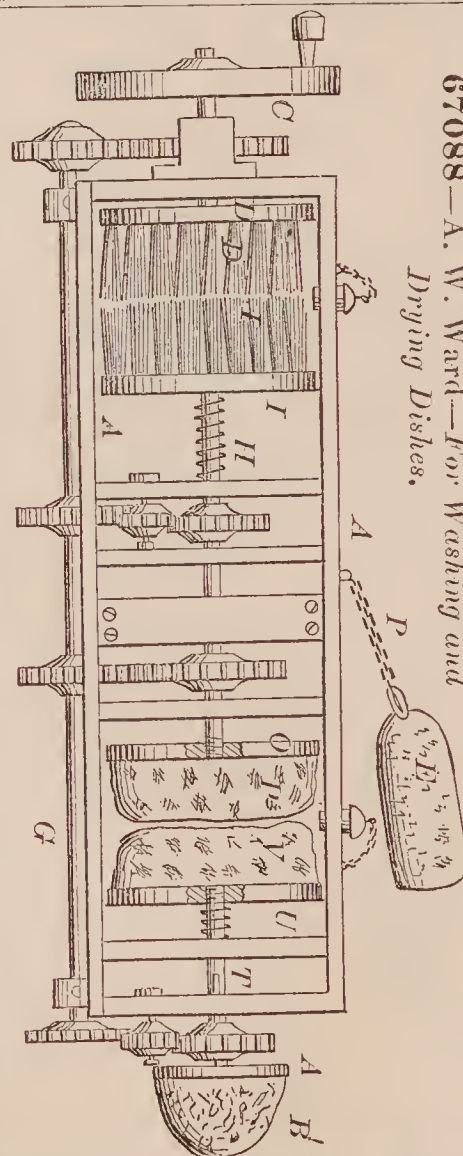


67079—W. L. Standish—*For Cutting Bungs.*

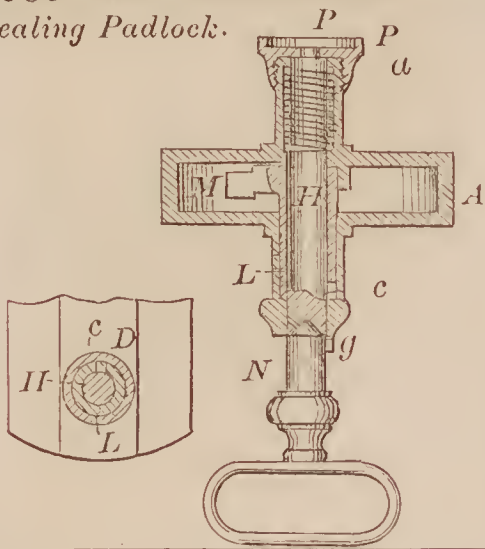


67076—H. P. Smith—*Potato Digger.*

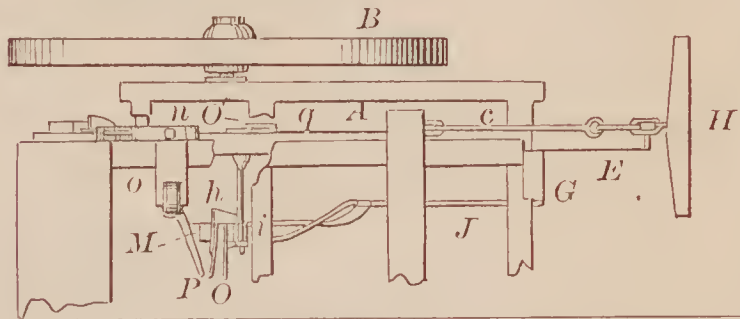
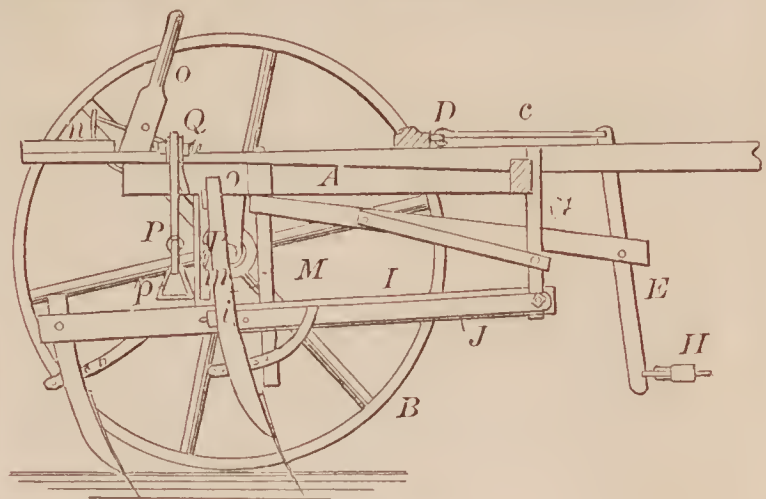


67083—I. P. Tice—*Toy Ball Player.*67085—Vogt & Krapf—*Churn.*67081—F. A. Sterry—*Spindle Step.*67080—N. Stephens—*Tap for Cement Lined Pipe.*67084—J. Turner—*Stove Pipe Shelf.*67086—H. Voigt—*Curtain Fixture.*67087—A. P. Von Pornhoff—*Manufacture of Bicarbonate of Soda.*67088—A. W. Ward—*For Washing and Drying Dishes.*

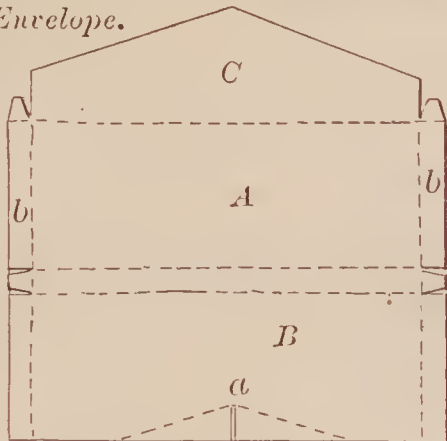
67089—Webb & Hermann—*Sealing Padlock.*



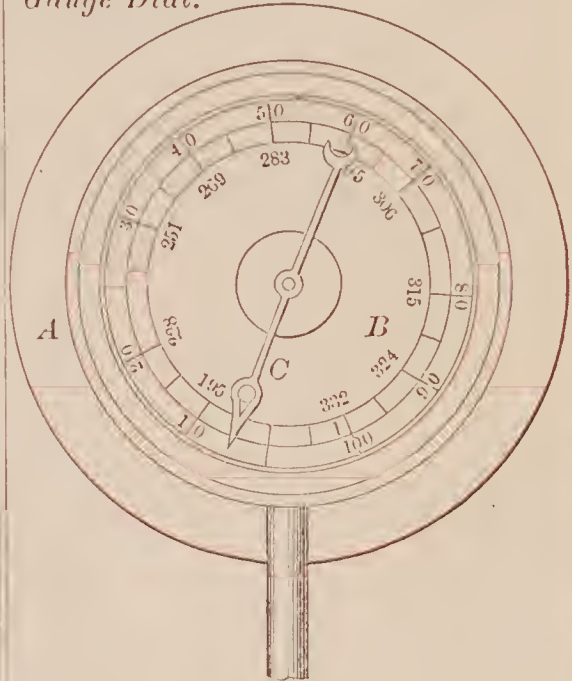
67093—J. Wilson—*Cultivator.*



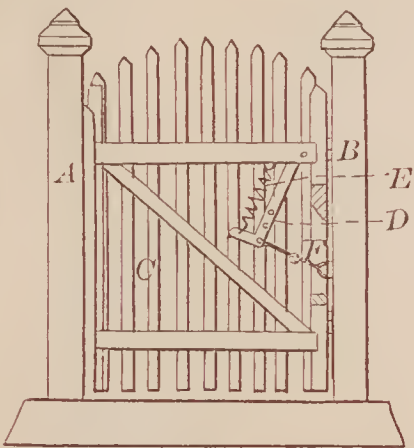
67092—J. W. Wilcox—*Document Envelope.*



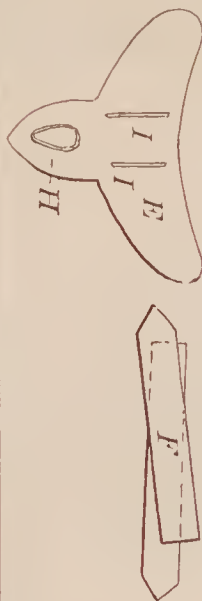
67096—E. H. Ashcroft—*Steam Gauge Dial.*



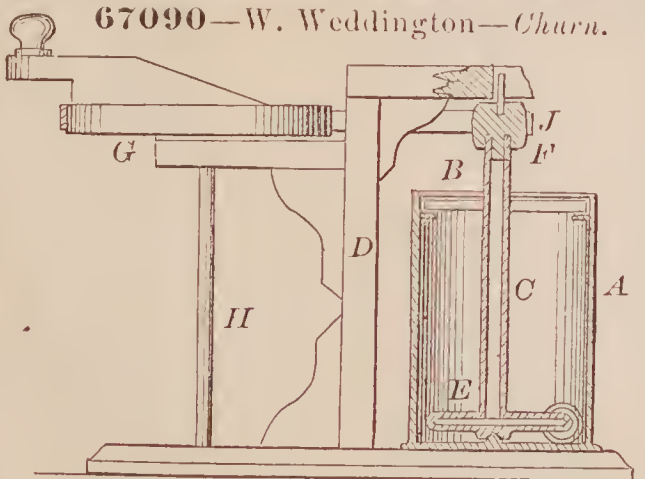
67094—E. R. Wolfe—*Gate.*



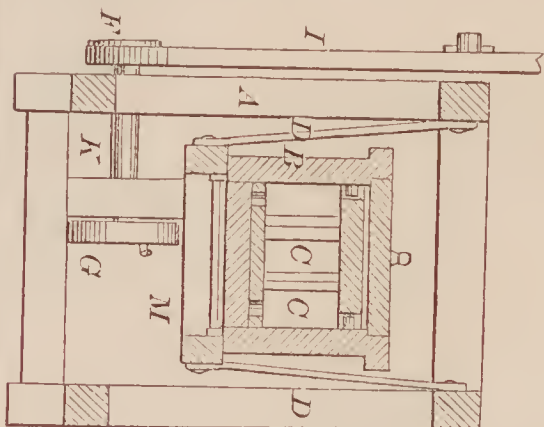
67091—H. Whitney—*Paper Necktie.*



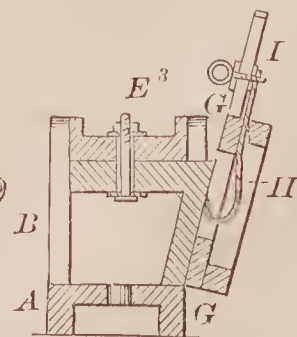
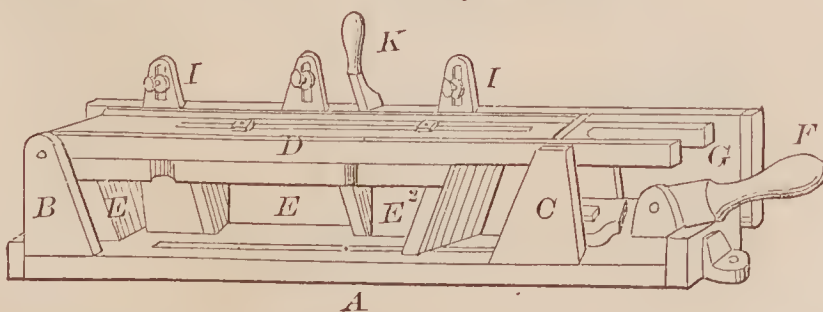
67090—W. Weddington—*Churn.*



67095—R. S. Arnall—*Churn.*



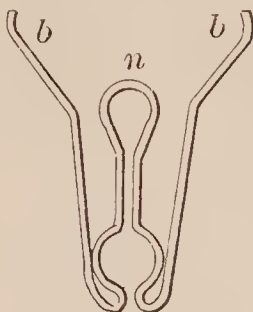
67097—R. H. Birt—*Tinners' Folding Machine.*



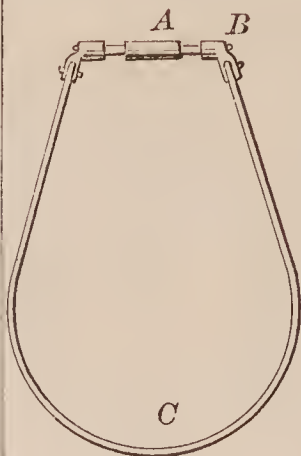
67098—E. B. Bishop—
Cotton Tie.



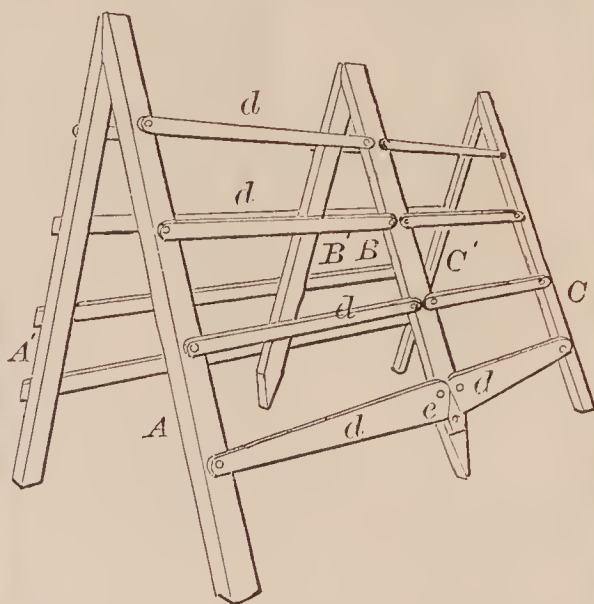
67100—A. W. Brinkerhoff—
Clothes Pin.



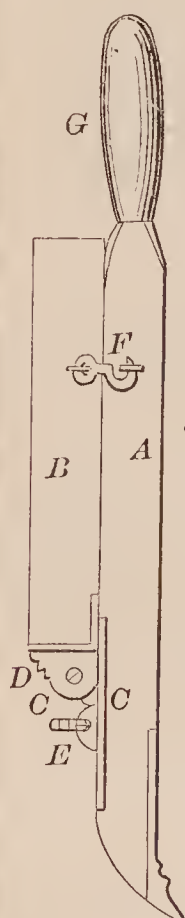
67101—C. L. Browne—*Jumping Hoop.*



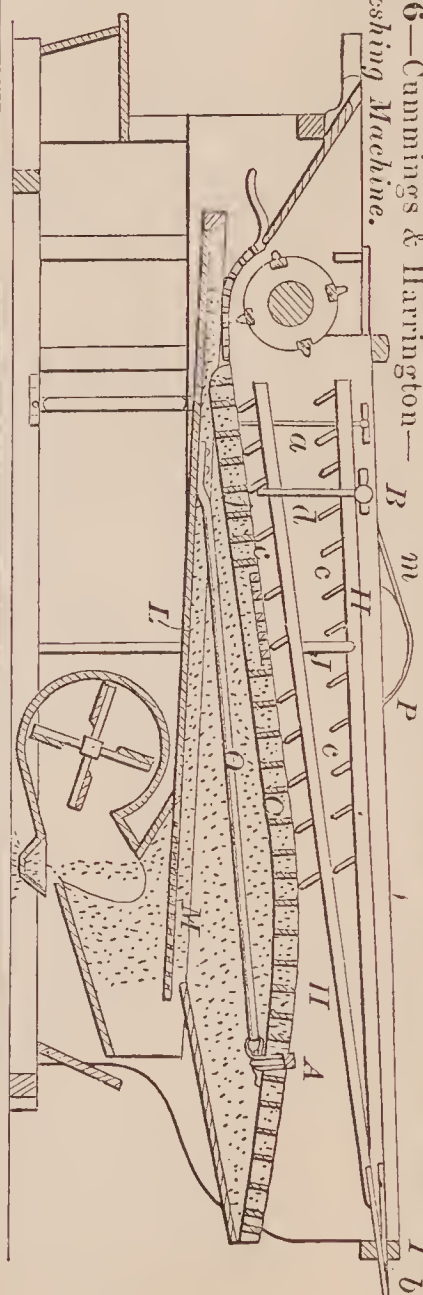
67102—L. S. Calkins—*Clothes Dryer.*



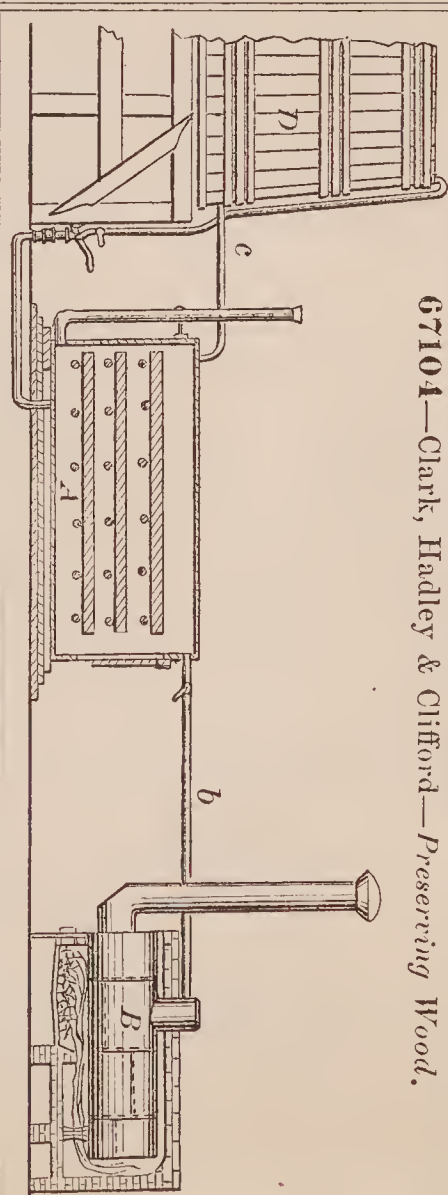
67105—J. E. Cryer—*Churn.*



67106—Cummings
Threshing Machine.

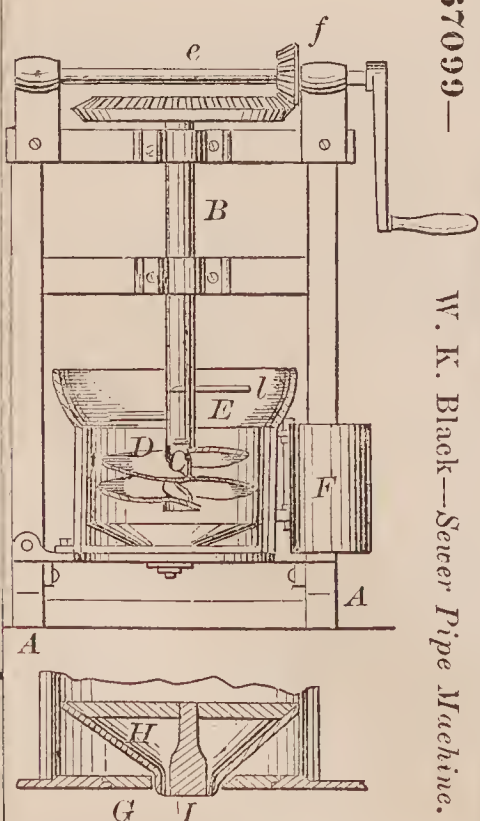


67104—Clark, Hadley & Clifford—*Preserving Wood*.

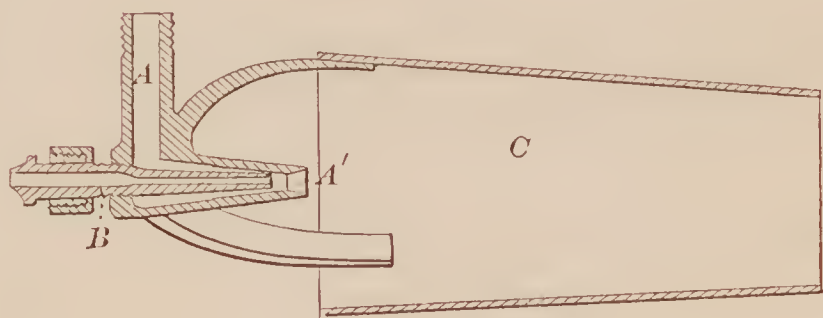
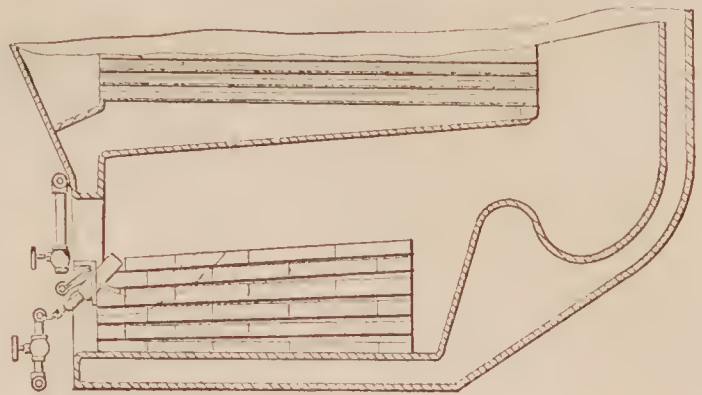


67099—

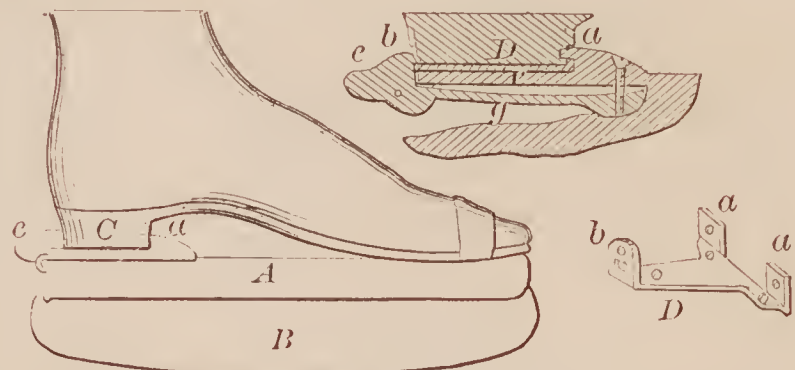
W. K. Black—*Sever Pipe Machine.*



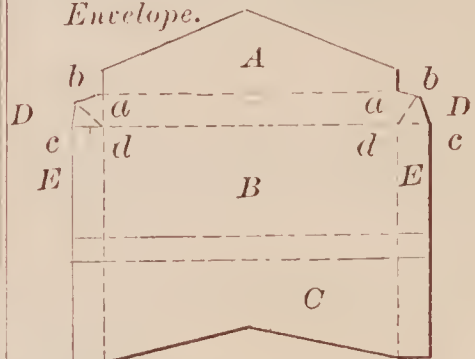
67108—C. Fisher—*Burning Hydro-Carbon Liquids.*



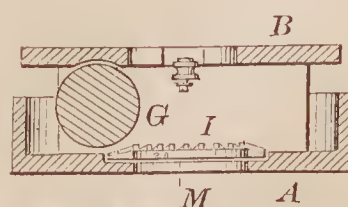
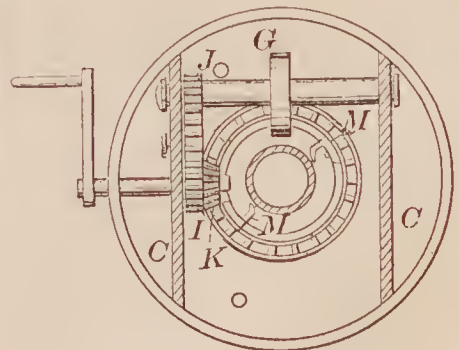
67110—G. Gunderson—*Skate Fastening.*



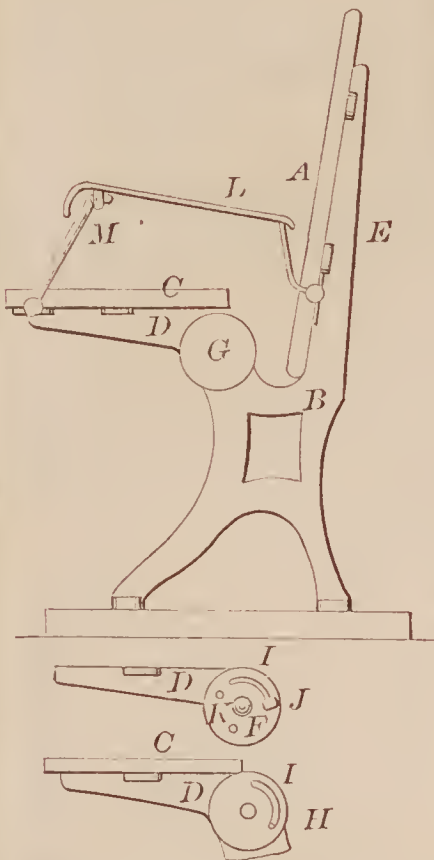
67111—W. E. Haskins—*Envelope.*



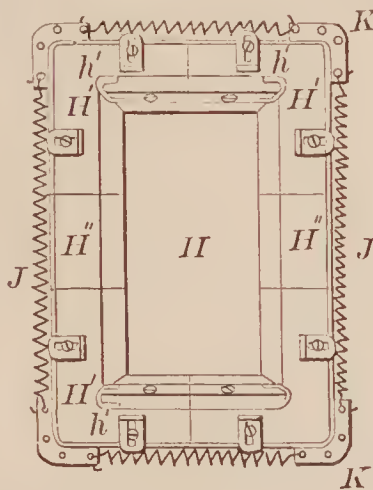
67112—W. P. Heffron—*Boiler Tube Cleaner.*



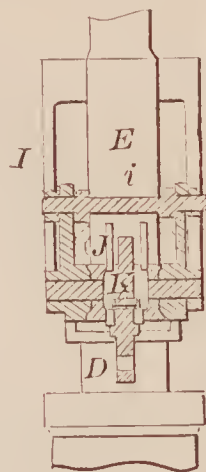
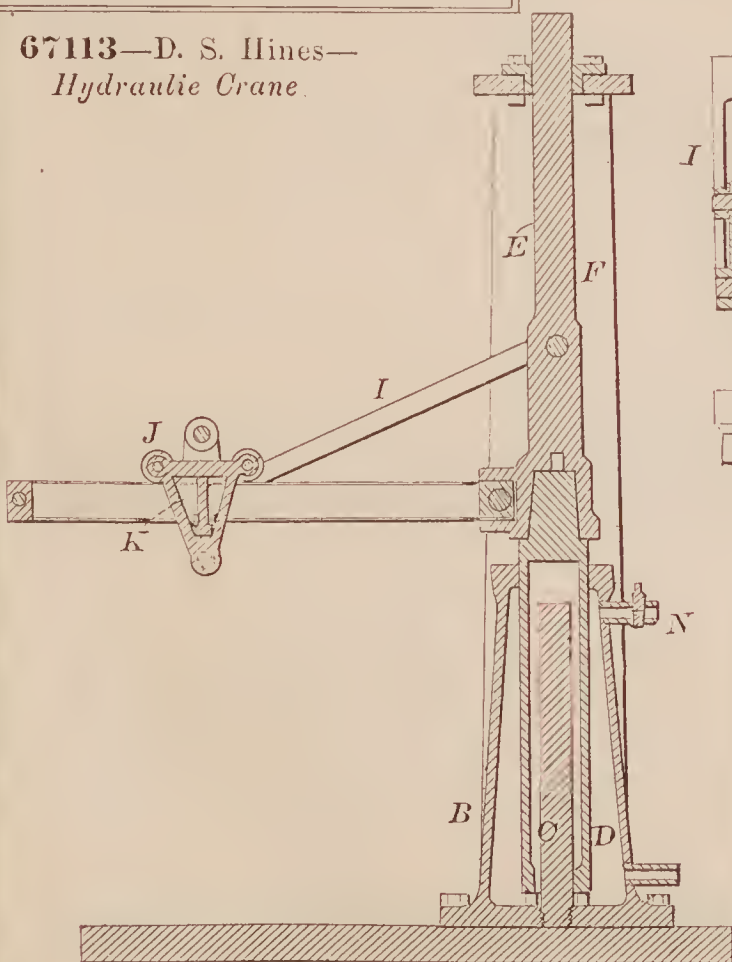
67107—F. J. Dibble—*Folding Seat and Arm.*

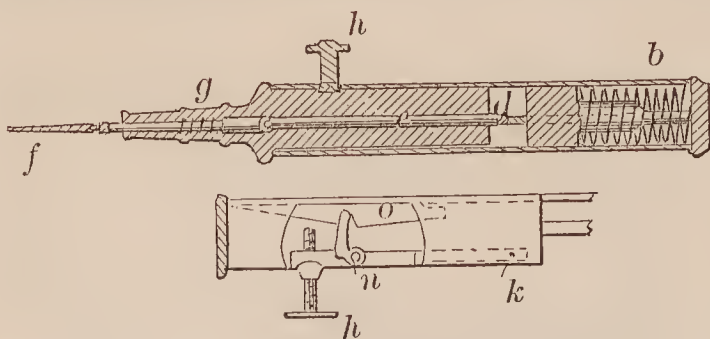
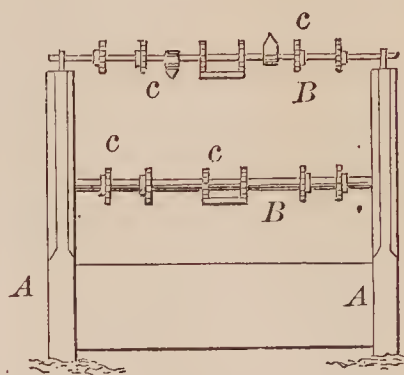
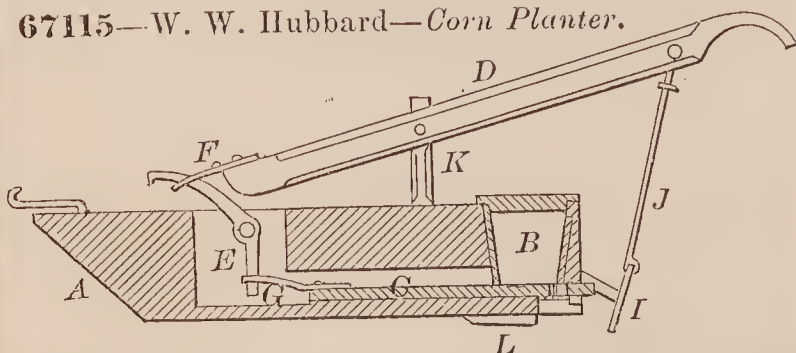
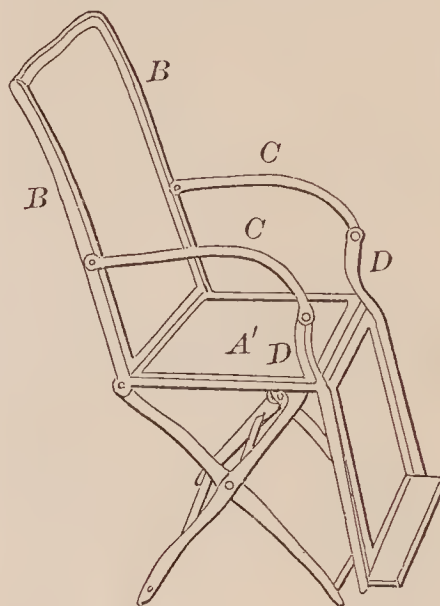
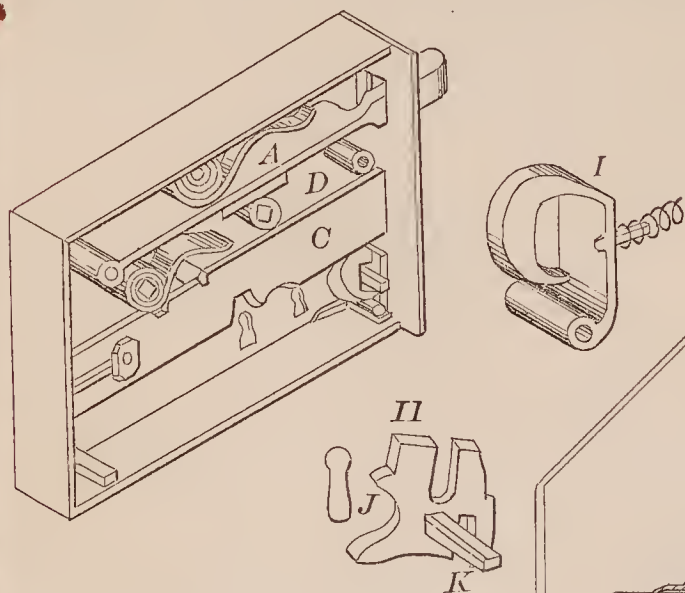
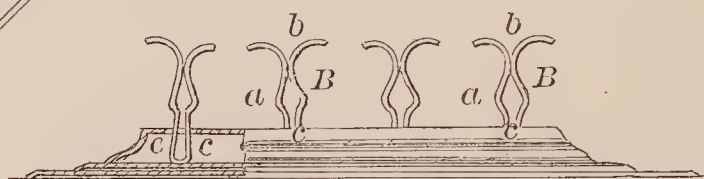
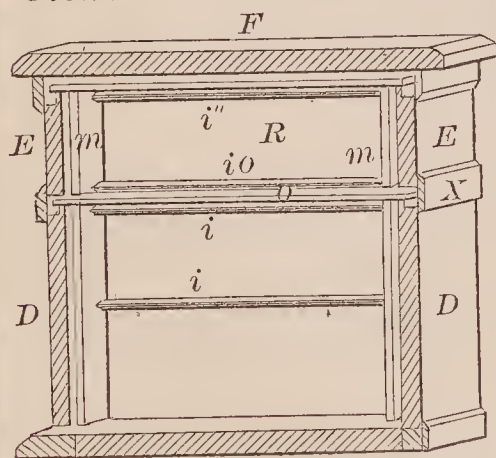
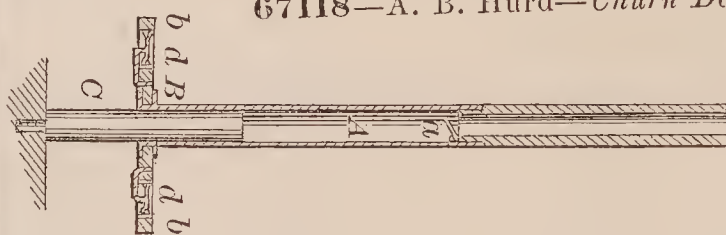
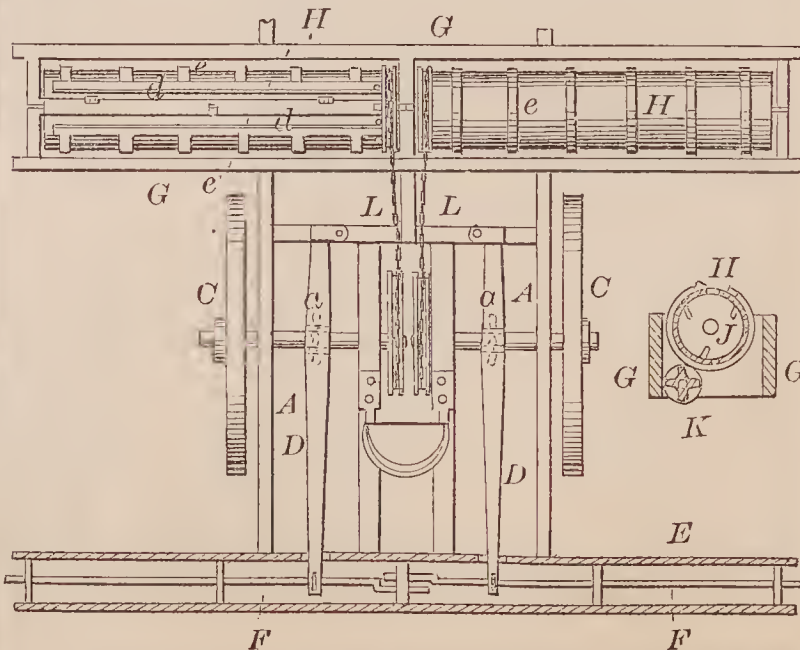
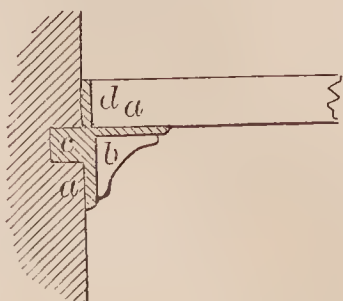


67109—Goodin, Blair & Lyda—*For Manufacturing Sheet Metal Pans.*

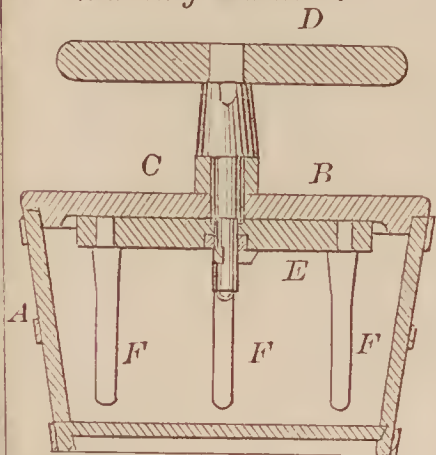


67113—D. S. Hines—*Hydraulic Crane.*

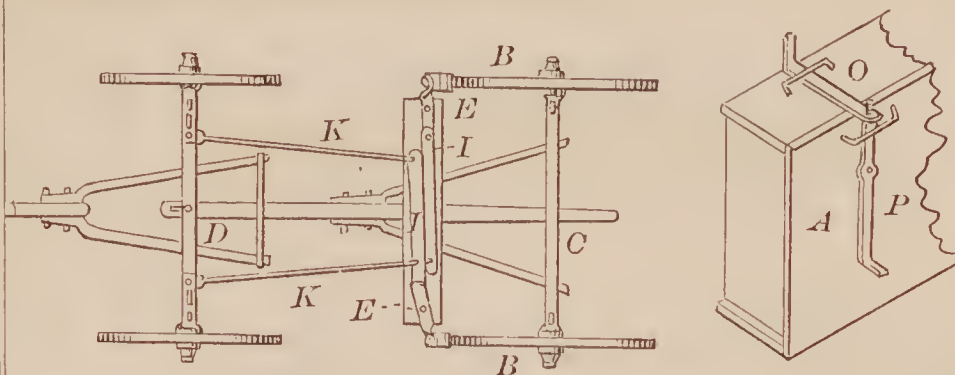


67114—Hodge & Noyes—*Automatic Dental Mallet.***67117**—W. D. Hunt—*Fence.***67115**—W. W. Hubbard—*Corn Planter.***67119**—J. Hyde—*Folding Chair.***67116**—G. Hubert—*Compound Lock for Doors.***67120**—G. Jedamski—*Pen Rack.***67123**—E. Kretchmer—*Beehive.***67118**—A. B. Hurd—*Churn Dasher.***67122**—H. M. Keith—*Fertilizer and Seed Sower.***67124**—C. F. Kuhnle—*Shelf Bracket.*

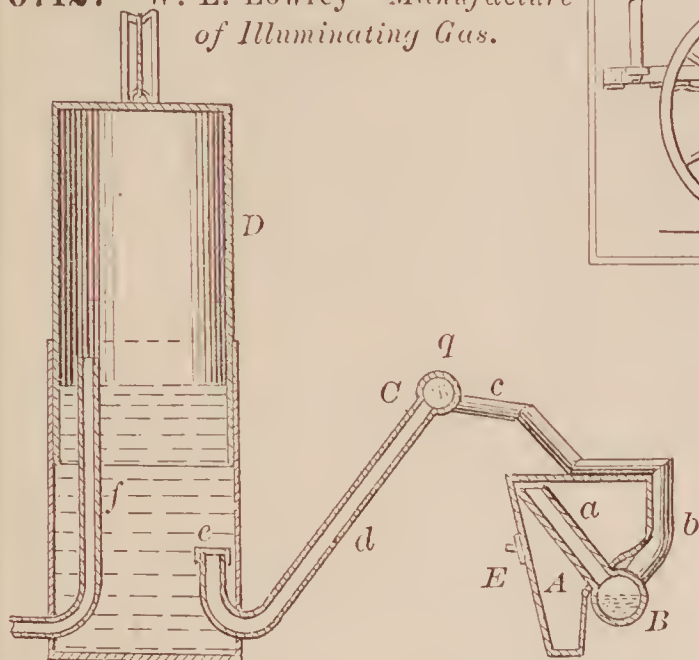
67125—J. Lamb—
Washing Machine.



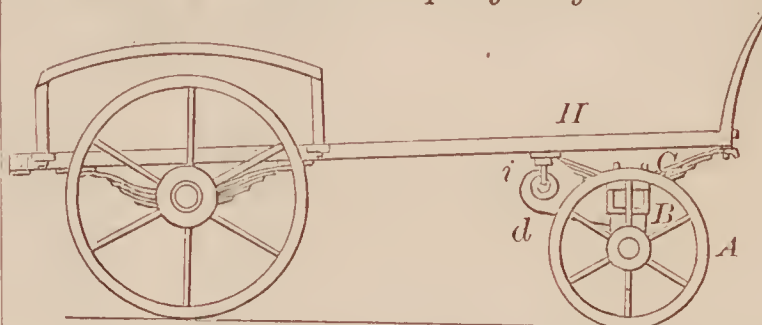
67126—G. Long—Wagon Brake.



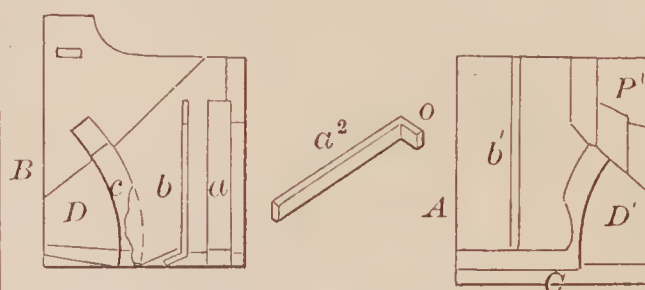
67127—W. L. Lowrey—Manufacture
of Illuminating Gas.



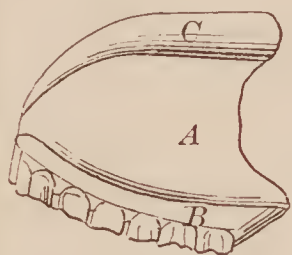
67128—W. Mansfield—Spring Wagon.



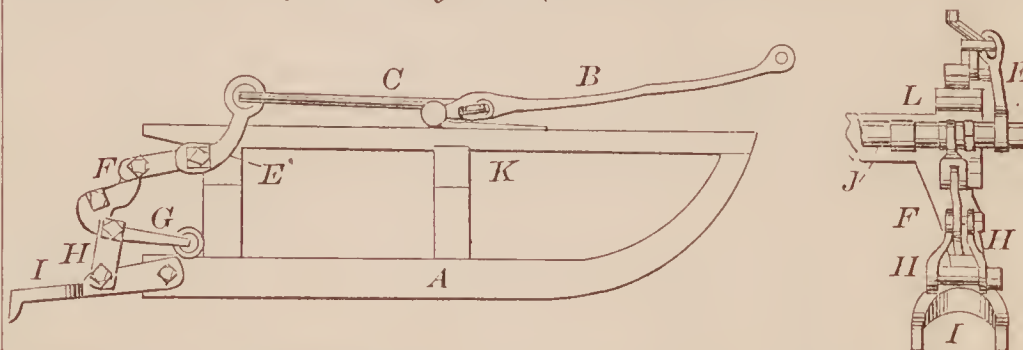
67131—G. Moore—Die for Making Plow
Braces.



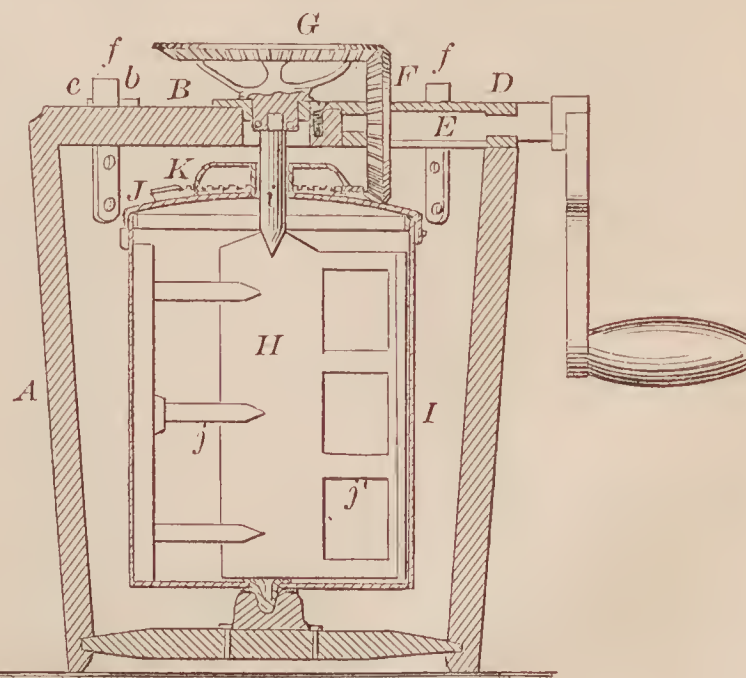
67129—E. J. Merick—
Dental Plate.



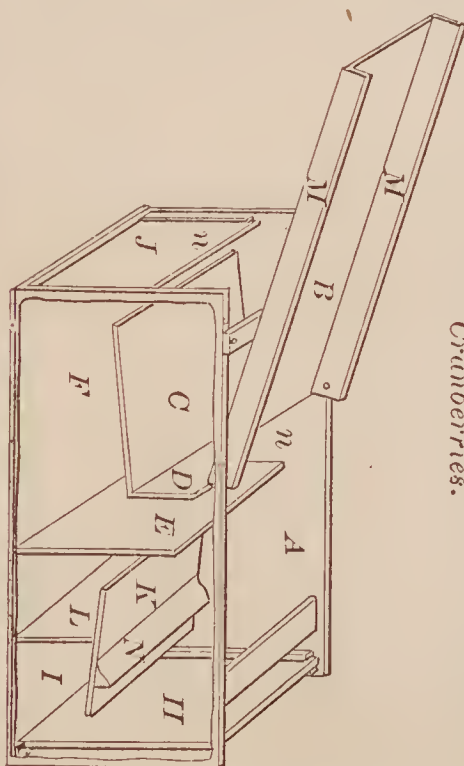
67132—J. Myers—Sleigh Brake.

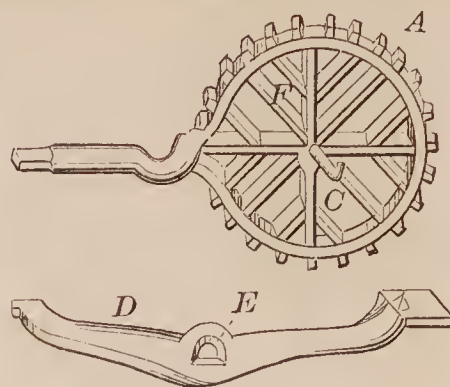
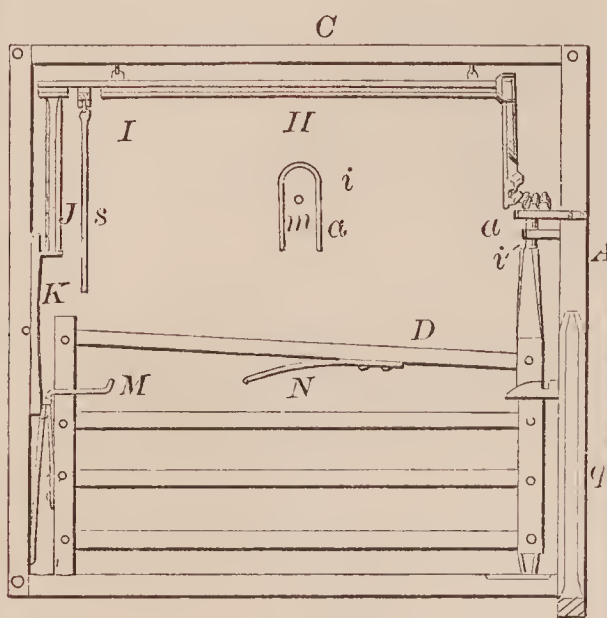
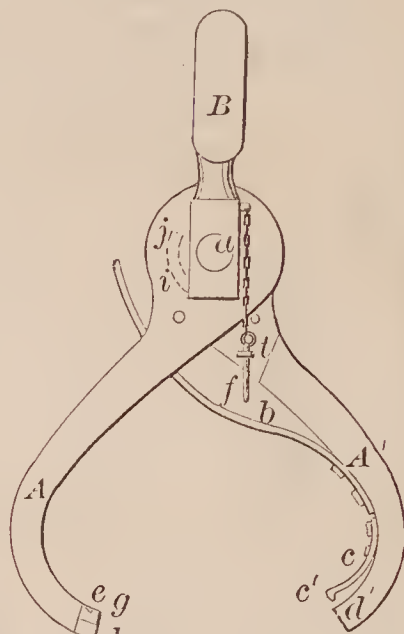
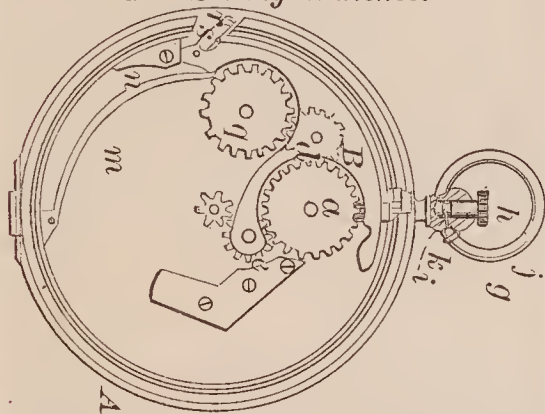
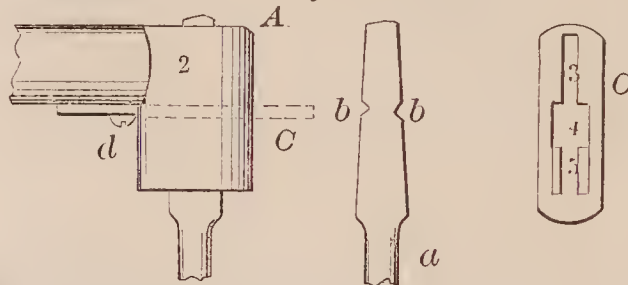
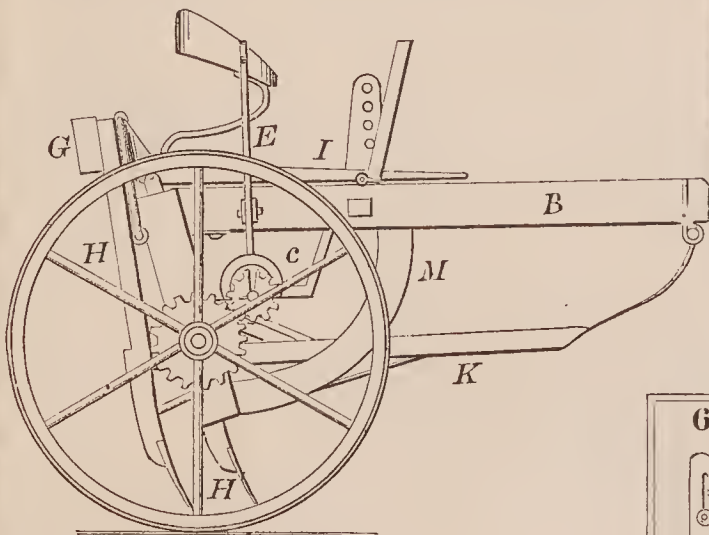
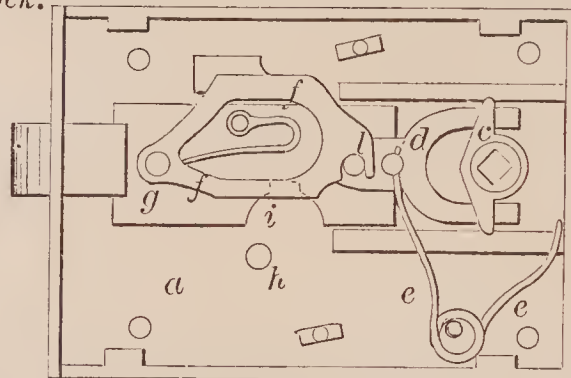
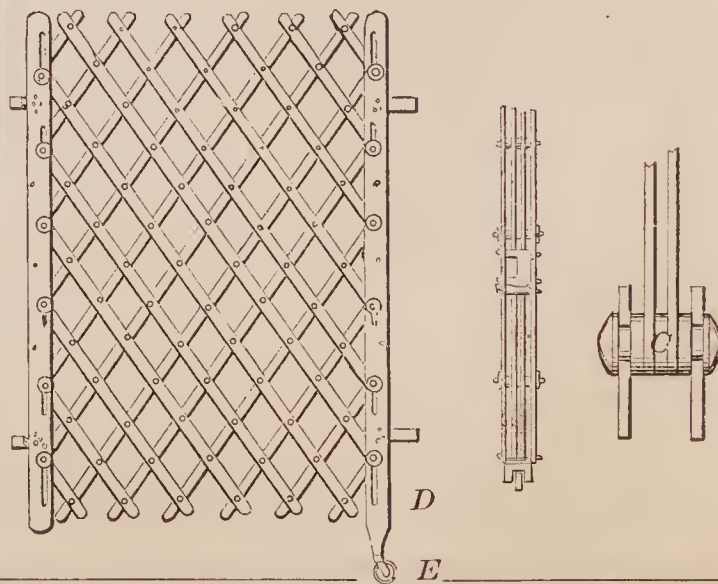


67133—C. W. Packer—Ice Cream Freezer.

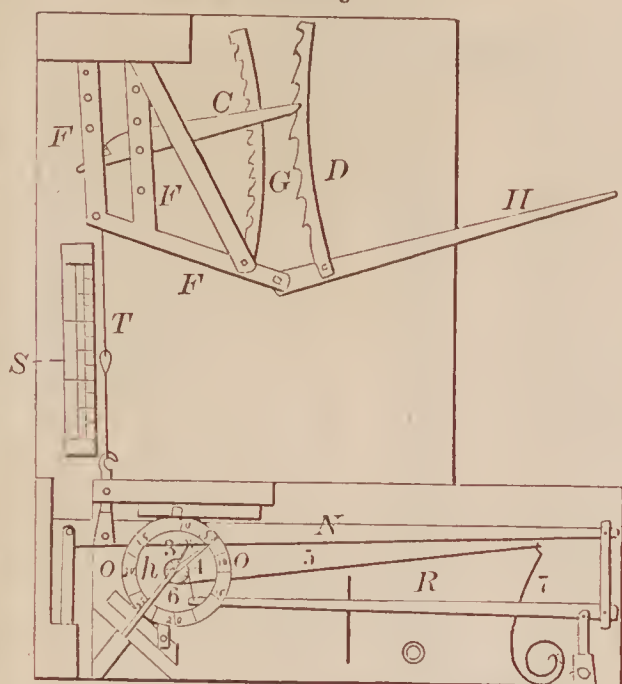


67130—G. L. Merrill—For Cleaning and Assorting
Cranberries.

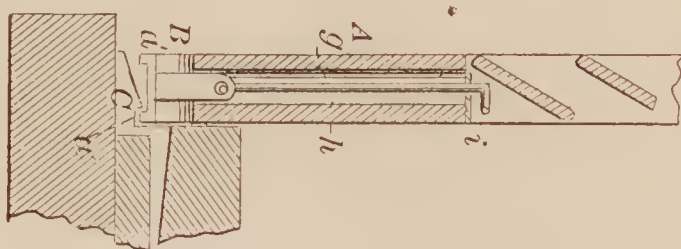


67134—J. H. Parmelee—*Collar.*67136—N. Pramer—*Grate.*67135—E. Petteys—*Gate.*67142—A. L. Smith—*Coupling Reach for Bob Sleighs.*67137—T. M. & T. J. Raser—*Boat Detaching Tackle.*67138—H. Rothfelder—*For Winding and Setting Watches.*67139—W. F. Seavey—*Bit Brace.*67141—J. Slauder—*Broadcast Seeder.*67140—B. Seegmuller—*Knob Latch and Lock.*67143—C. S. Snead—*Extension Gate.*

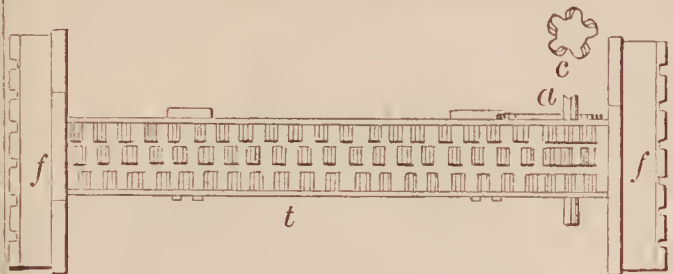
67144—H. T. Stanard—*For Applying and Measuring Forces.*



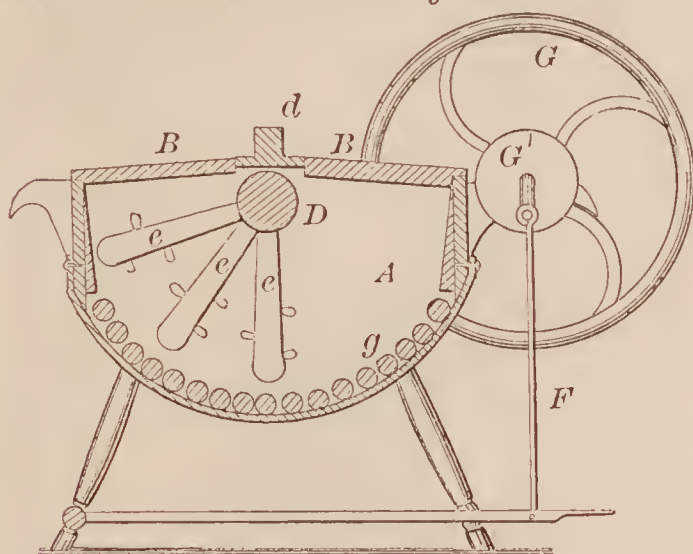
67146—T. Stover—*Window Blind Fastening.*



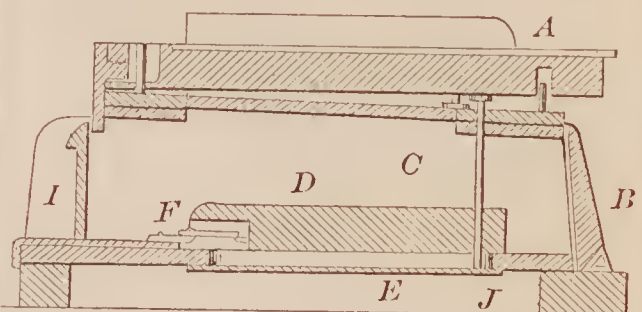
67147—E. Stuart—*Cotton Press.*



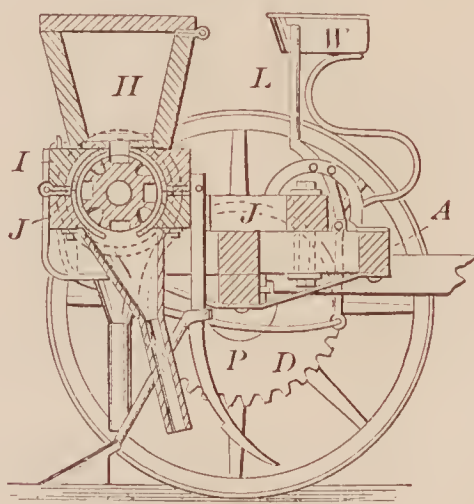
67149—R. B. Will—*Washing Machine.*



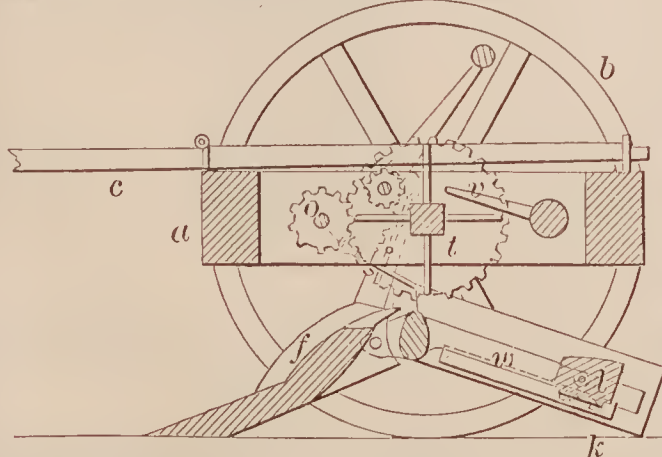
67150—G. Wood—*Melodeon*.



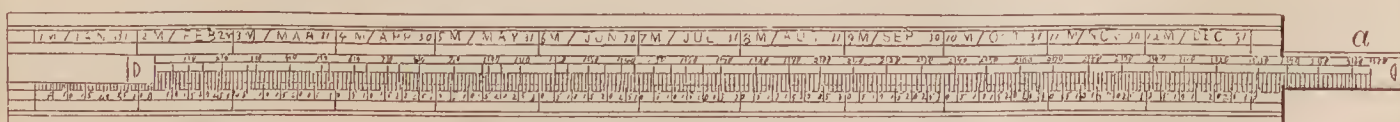
67152—H. Zurbriek—*Cultivator and Seed Sower.*

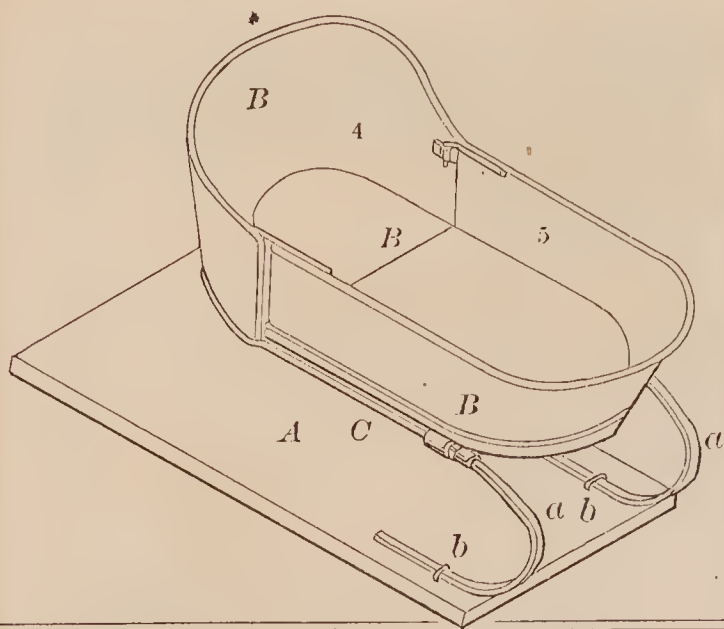
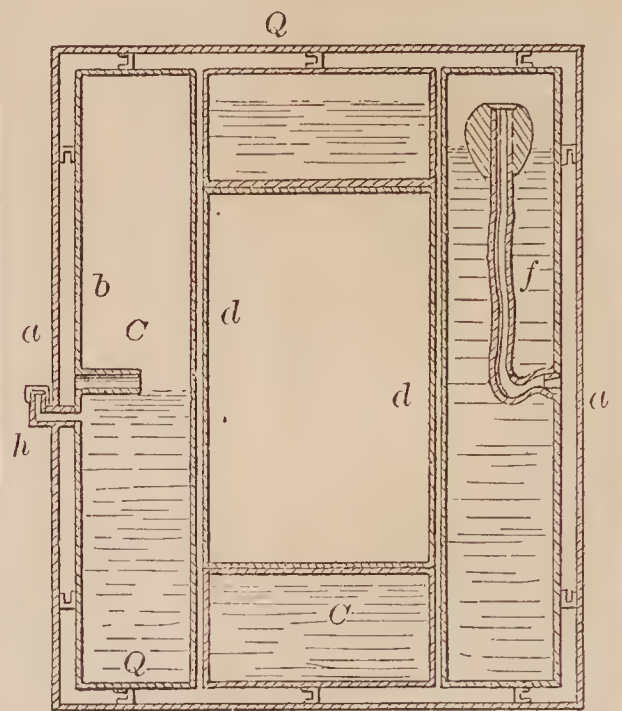
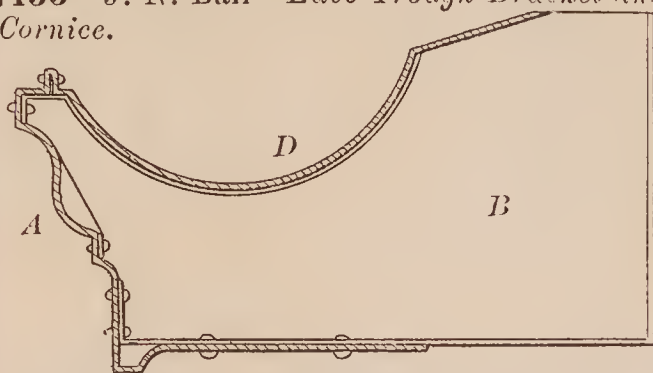
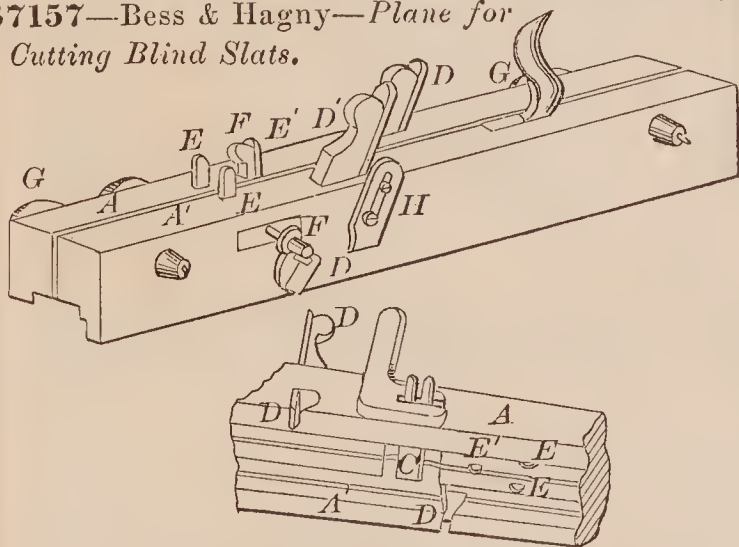
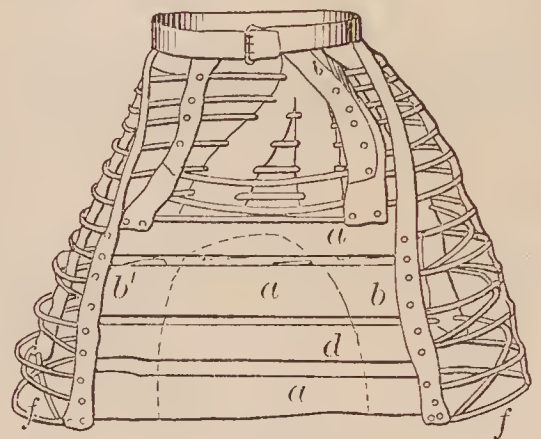
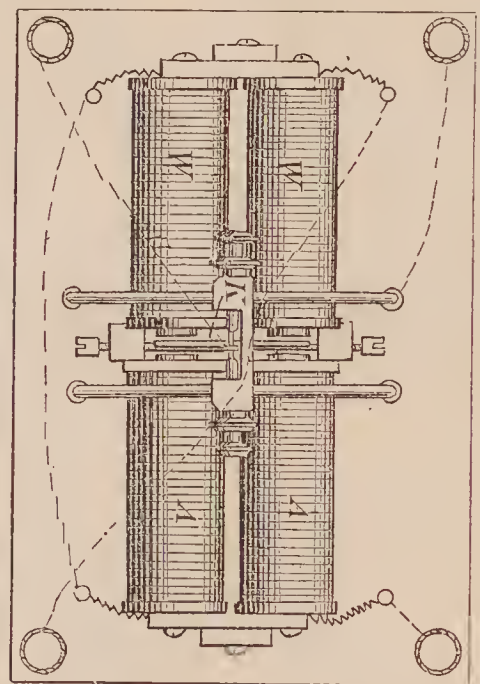
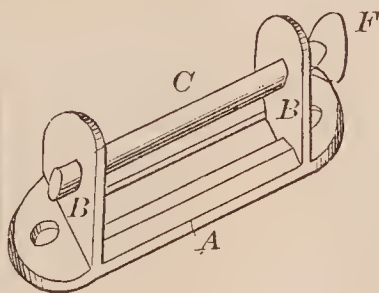
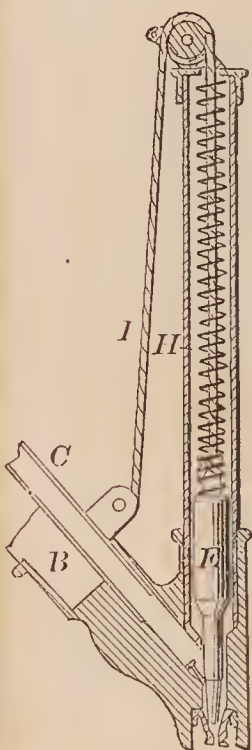
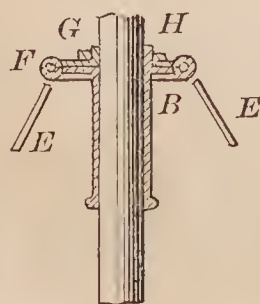
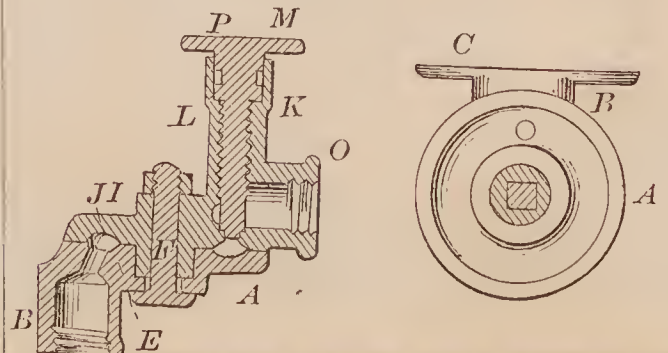


67148—J. M. Wilcox—*Potato Digger.*

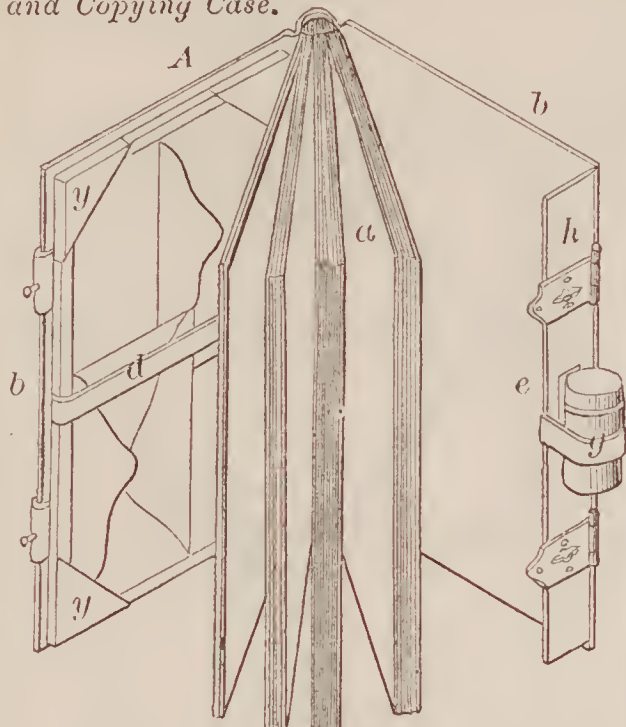


67151—D. W. Wright—*Rule for Calculating Time and Measures.*

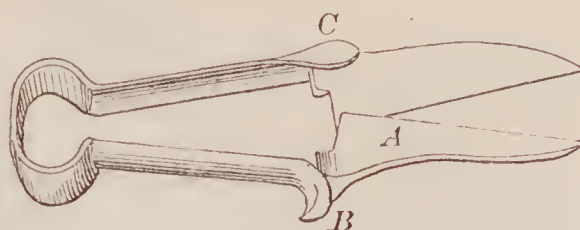


67153—R. Ashe—*Baby Jumper and Cradle.*67154—H. H. Bryant—*Fireproof Safe.*67155—J. N. Ball—*Eave Trough Bracket and Cornice.*67157—Bess & Hagny—*Plane for Cutting Blind Slats.*67158—F. A. Brewster—*Hoop Skirt.*67160—W. G. Brownson—*Relay Magnet.*67156—S. A. Barr—*Clothes Line Fastening.*67159—W. Brown—*Carpet Stretcher and Tack Driver.*67162—C. O. Buell—*Umbrella.*67161—C. Brusio, Jr.—*Gas Pipe Joint.*

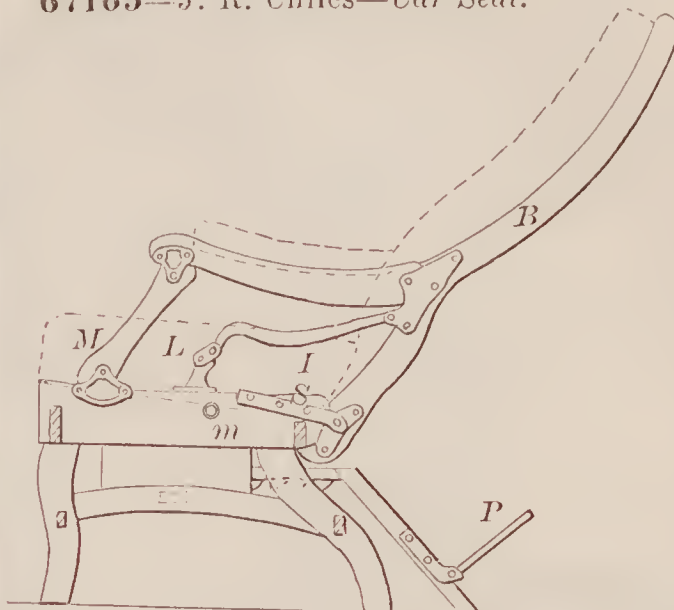
67163—A. G. Buzby—*Portable Writing and Copying Case.*



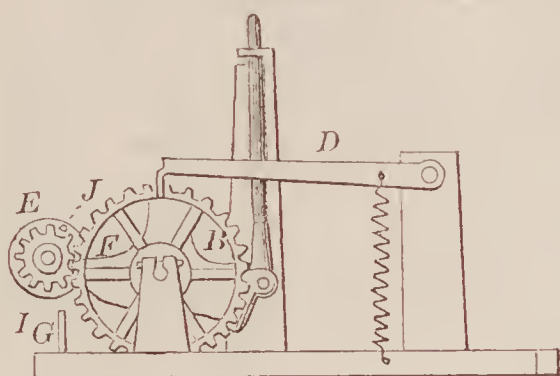
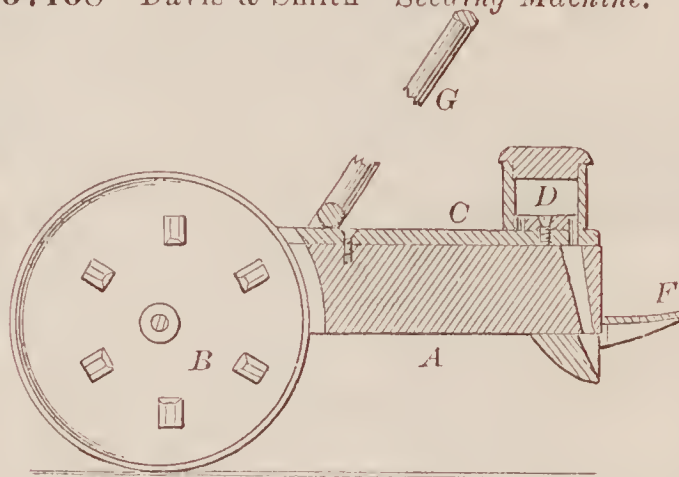
67164—G. W. Carpenter—*Sheep Shears.*



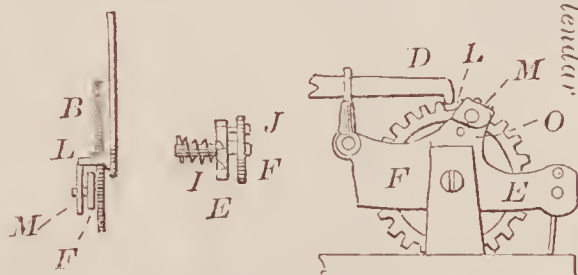
67165—J. R. Chiles—*Car Seat.*



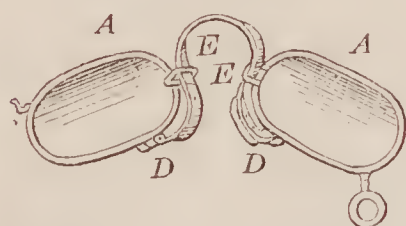
67168—Davis & Smith—*Seeding Machine.*



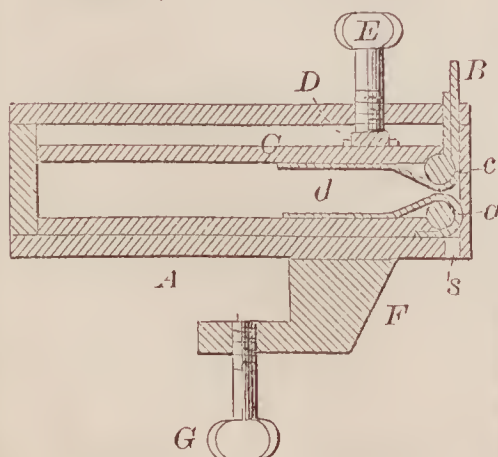
67166—Clinton & Mood—*Calendar Clock.*



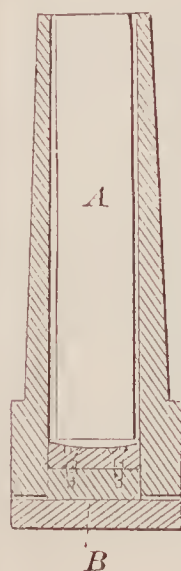
67167—G. N. Cummings—*Eye Glass.*



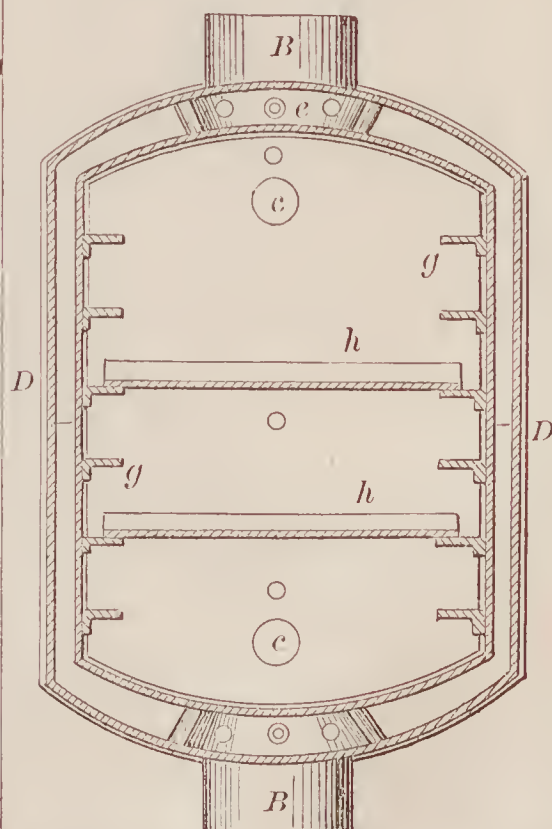
67169—C. F. Dean—*Knife Cleaner.*

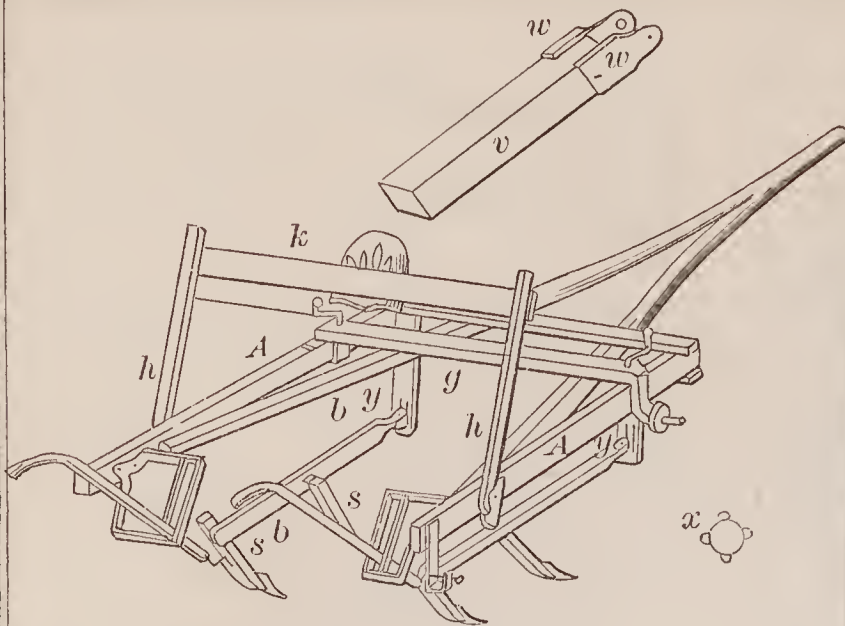
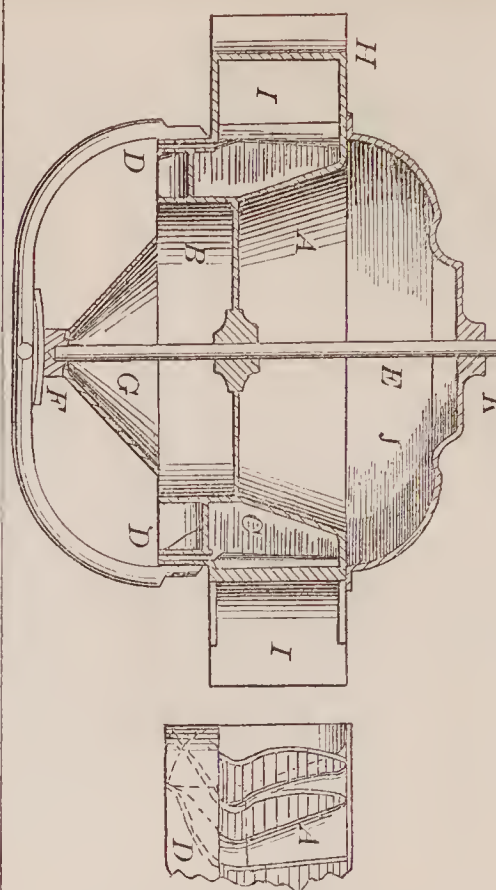
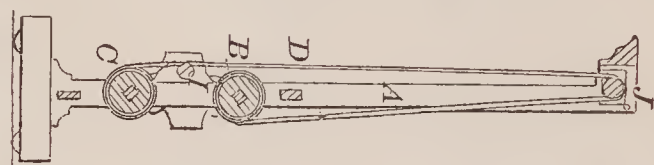
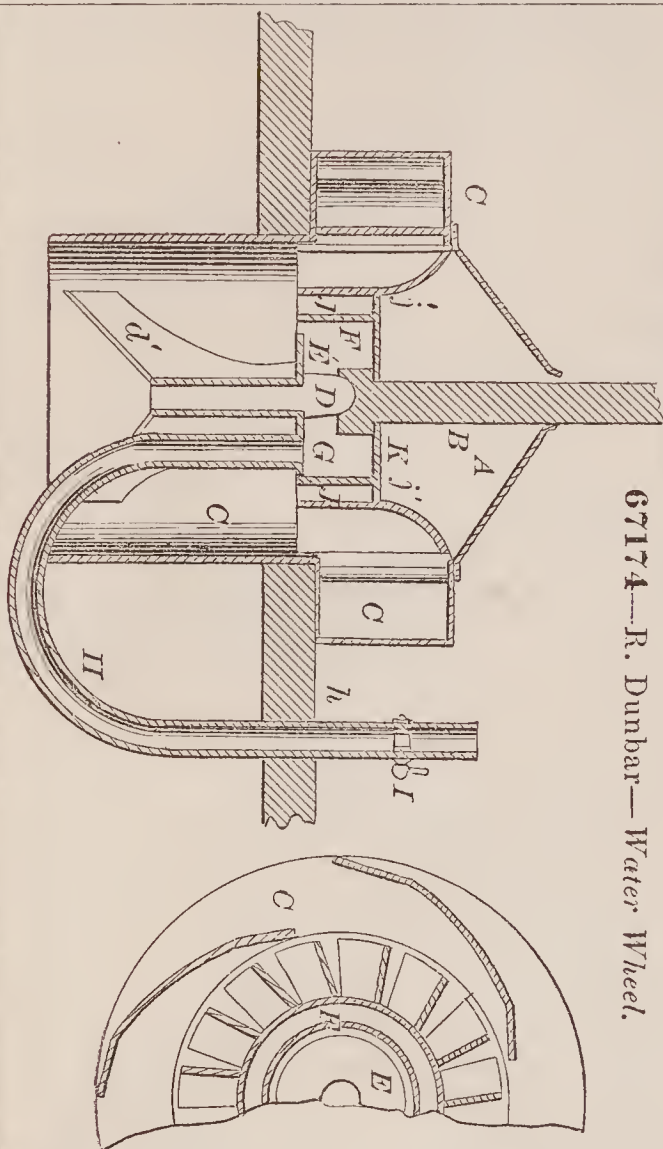
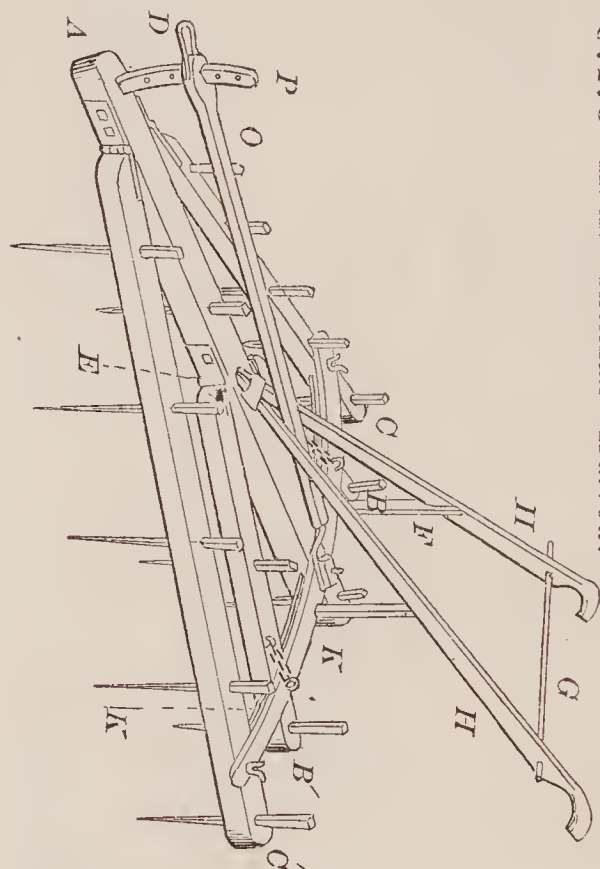
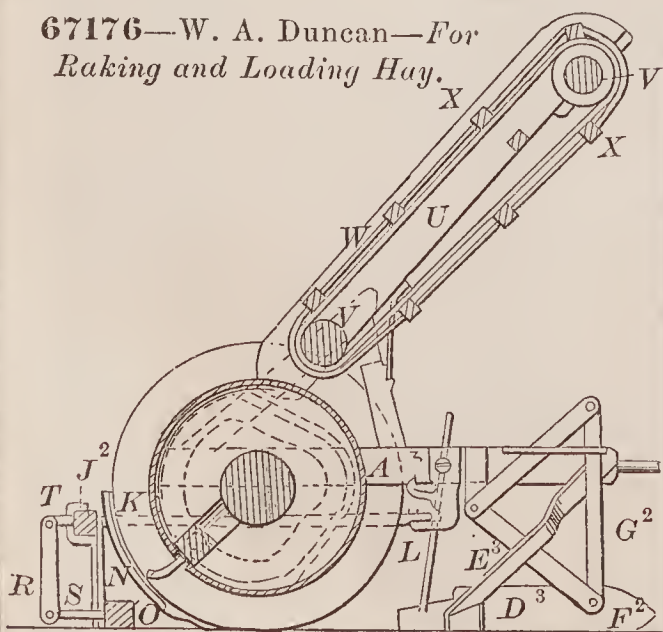
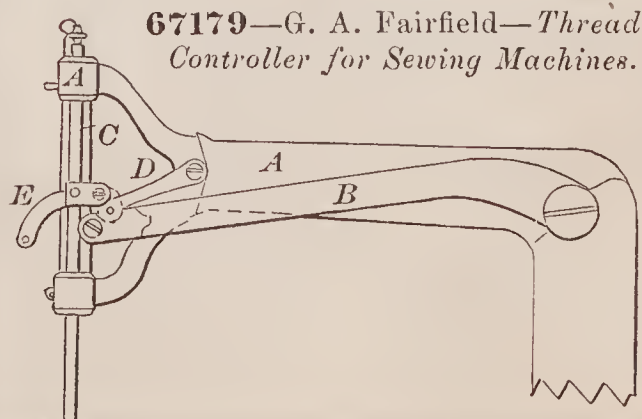


67171—H. Dickinson—*Mould for Casting Ingots.*

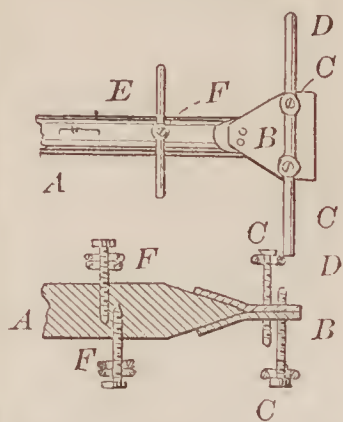


67172—G. Diffenderfer—*Portable Oven for Drying Fruit.*

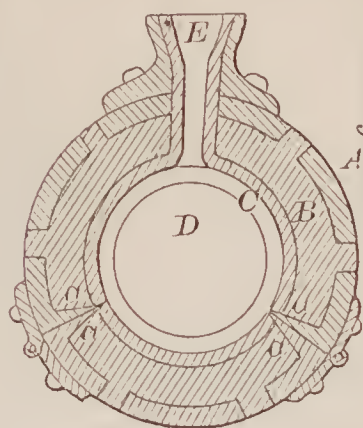


67173—W. A. & C. E. Dryden—*Cultivator.*67175—R. Dunbar—*Water Wheel.*67177—H. V. Edmond—*For Exhibiting Hymns*67174—R. Dunbar—*Water Wheel.*67178—H. L. Eshelman—*Harrow.*67176—W. A. Duncan—*For Raking and Loading Hay.*67179—G. A. Fairfield—*Thread Controller for Sewing Machines.*

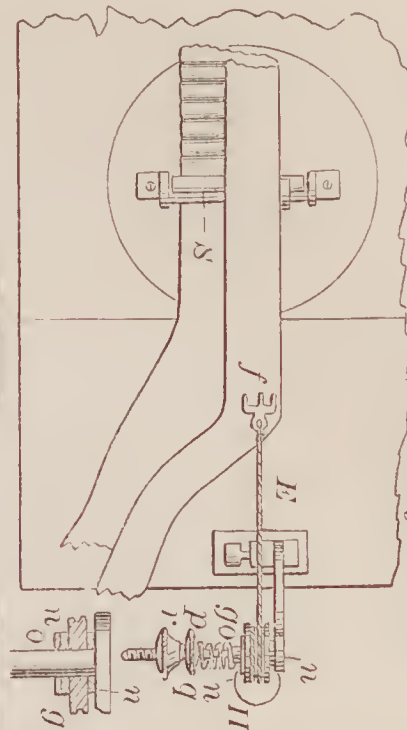
67180—D. P. Farnham—*Broom Head.*



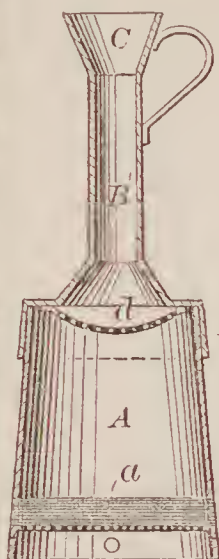
67181—Farrar & Groves—*Mould for Casting Metal.*



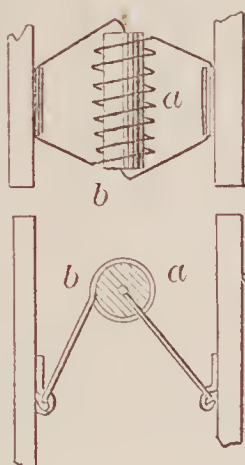
67183—M. T. Fitch—*Ruffling Attachment for Sewing Machines.*



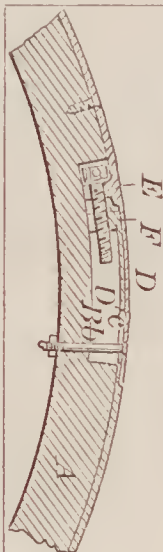
67185—C. Forbes—*Coffee Generator.*



67186—F. Traps—*Spring for Beds and Lounges.*



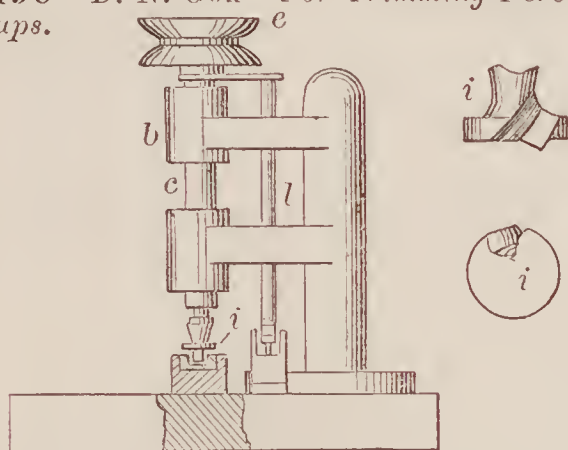
67187—Garland & Morgan—*Adjusting Tires to Wheels.*



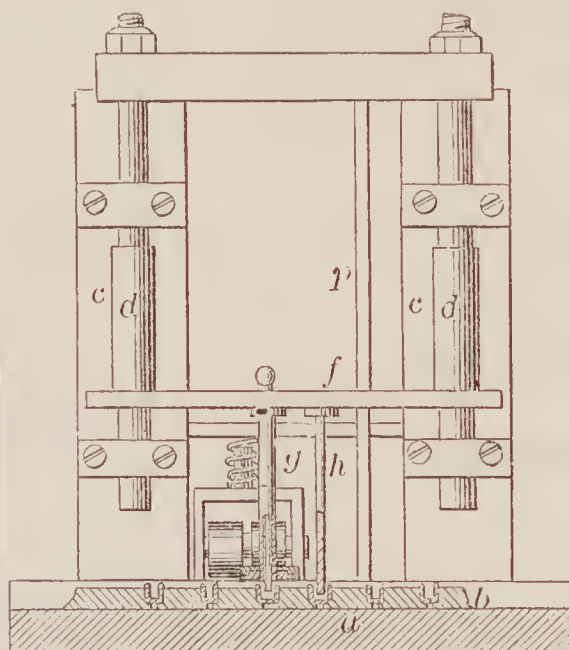
67188—W. Gilman—*Plow Beam.*



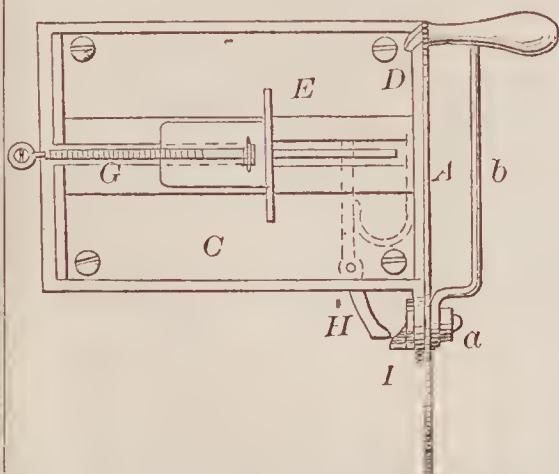
67190—D. N. Goff—*For Trimming Percussion Caps.*



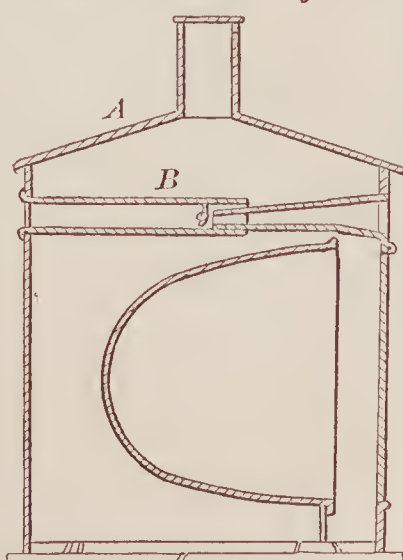
67189—D. N. Goff—*For Lining Percussion Caps.*



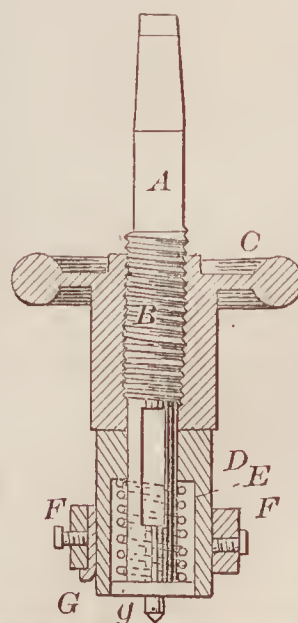
67191—W. S. Gray—*Bread Cutter.*



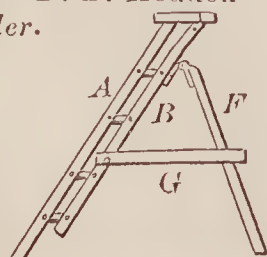
67192—E. L. Hall—*Locomotive Head Light.*

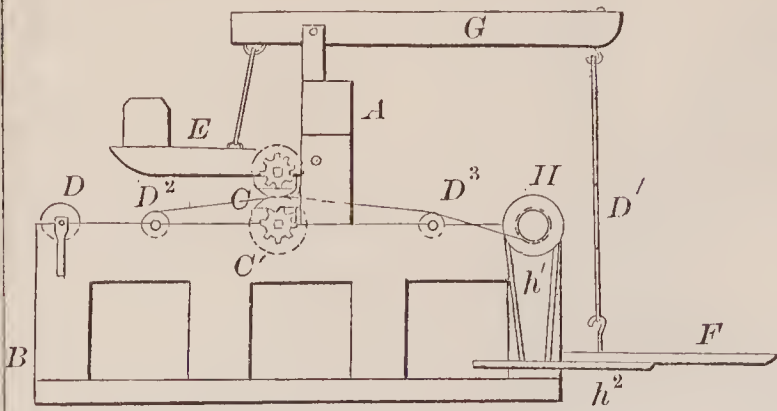
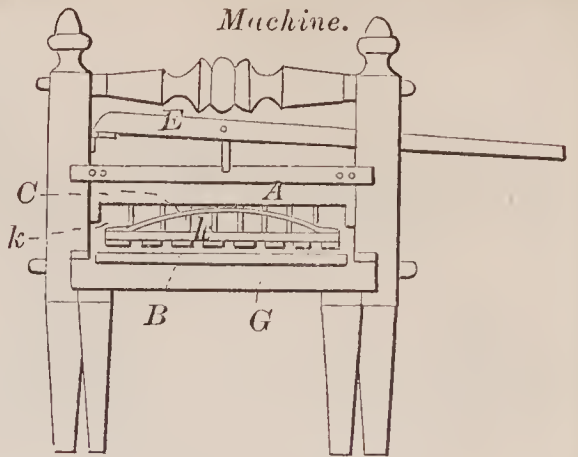
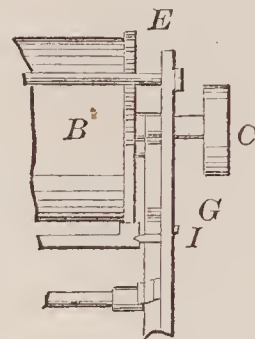
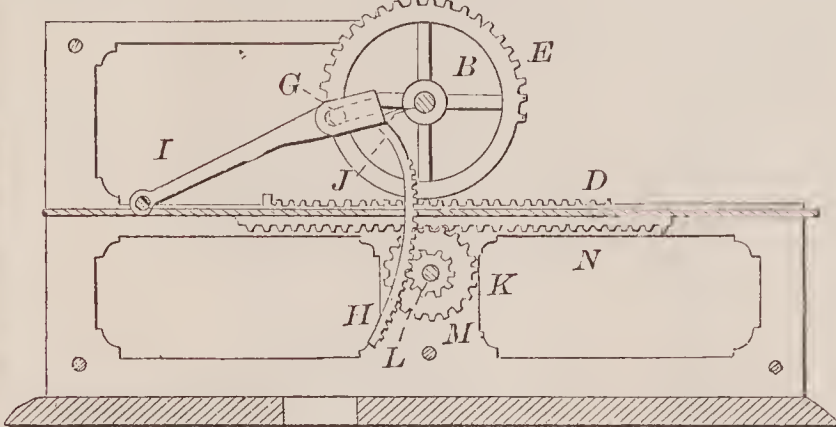
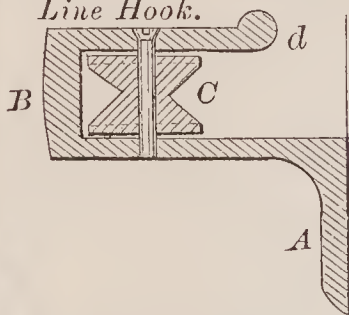
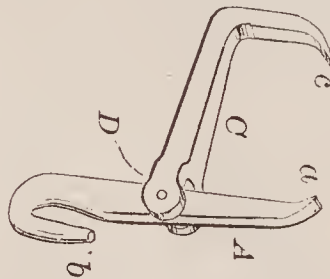
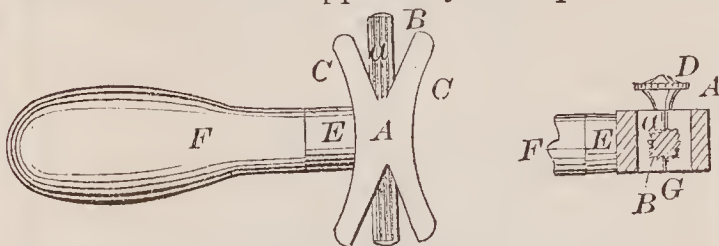
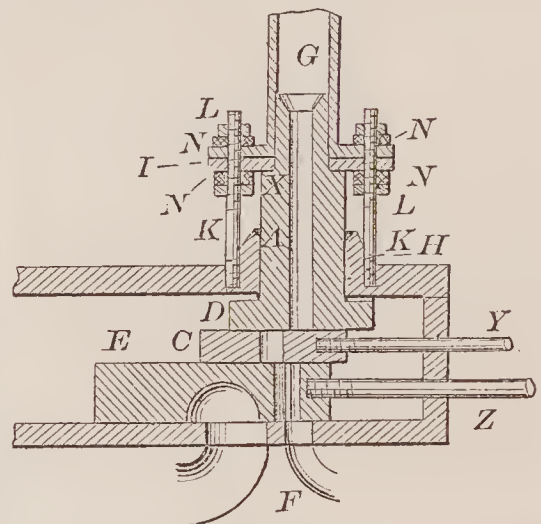
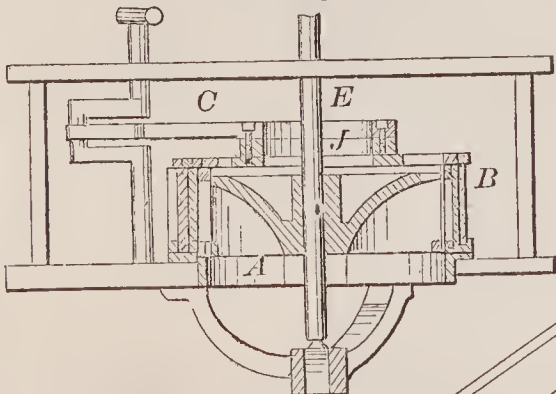
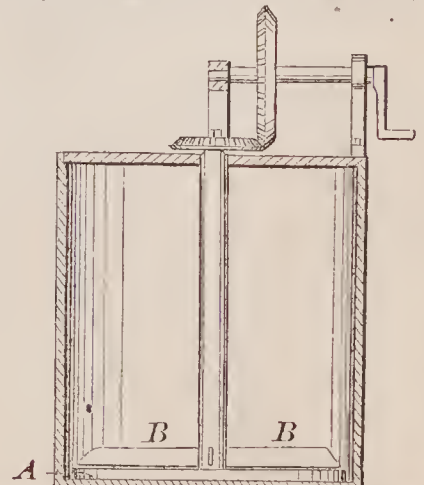
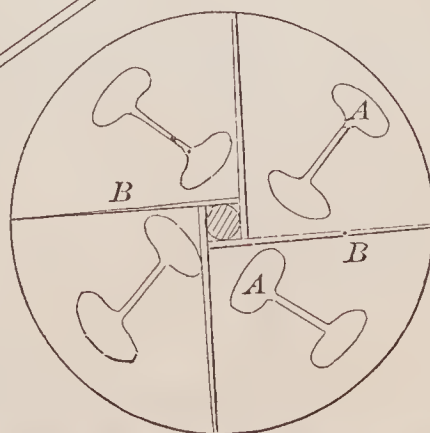
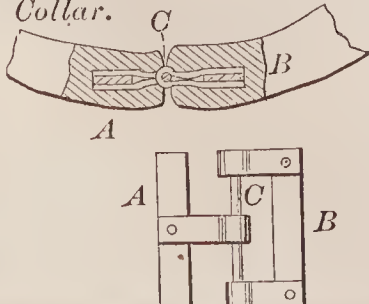


67194—W. H. Henshall—*Tube Hole Cutter.*

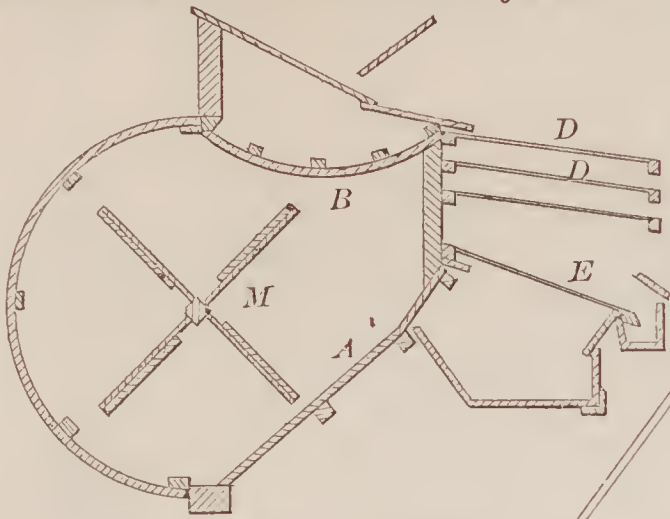


67193—D. B. Hedden—*Step Ladder.*

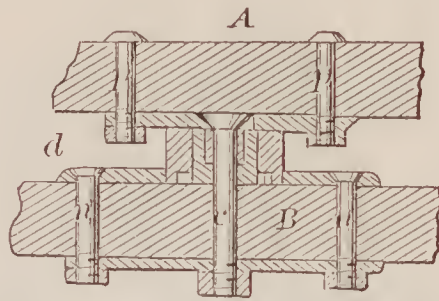


67195—Herrick & Gilbert—*For Preparing Floor Oil Cloth.***67202**—H. & C. Littlefield—*Corn Cake Machine.***67198**—A. Judson—*Printing Press.***67197**—R. J. Jordan—*Belt Coupling.***67196**—J. L. Howard—*Clothes Line Hook.***67199**—C. S. Kershaw—*Suspending Claw for Horse Hay Forks.***67200**—T. K. Knapp—*Knife Sharpener.***67204**—P. C. McManus—*Slide Valve.***67203**—W. C. McGargy—*Water Wheel.***67205**—F. McFarnahan—*Churn Dasher.***67201**—D. Lincoln—*Horse Collar.*

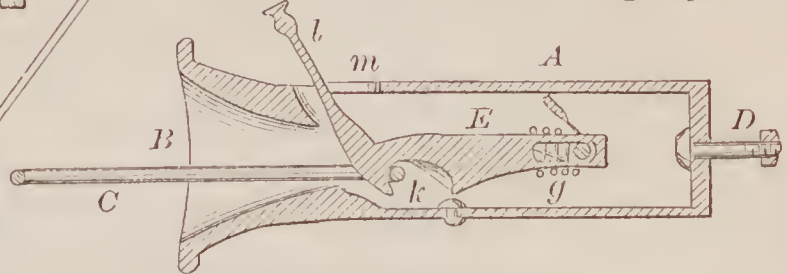
67206—Miller & Chase—*Fanning Mill.*



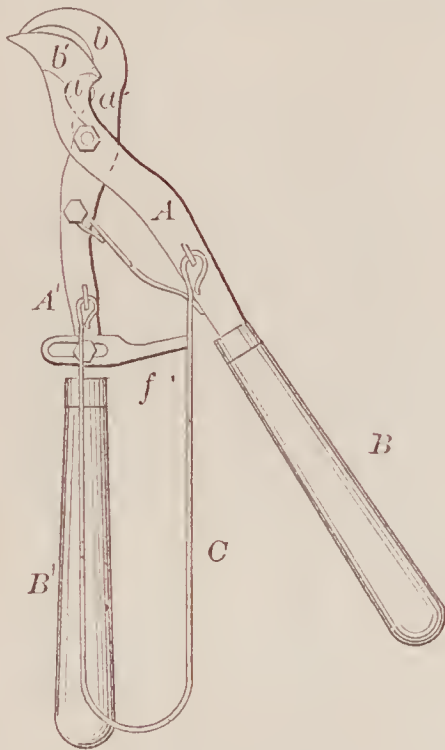
67208—F. B. Morse—*Whiffletree Coupler.*



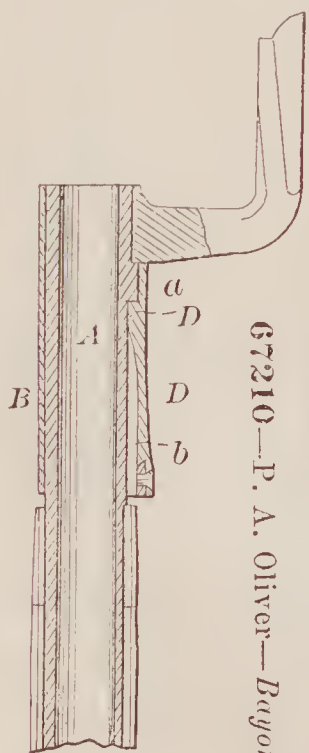
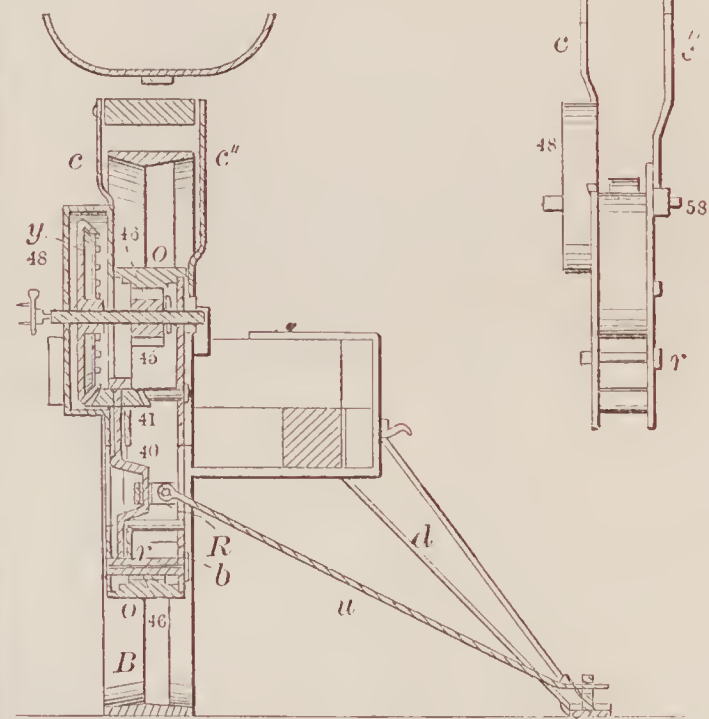
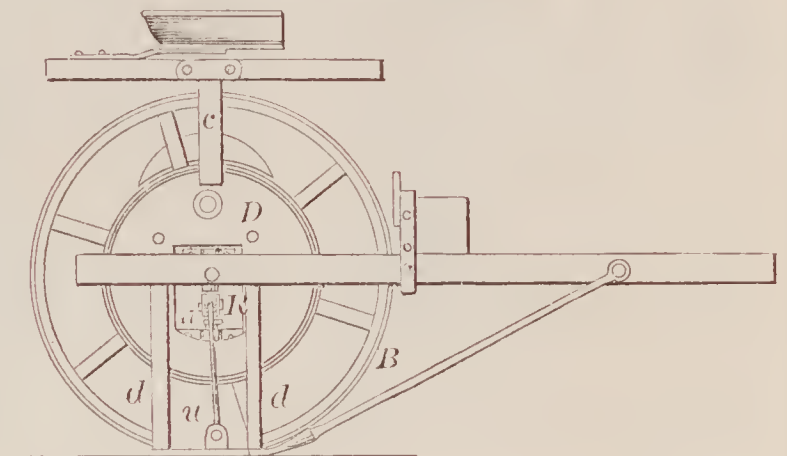
67209—S. O. Blemis—*Car Coupling.*



67207—J. O. Minor—*Hedge Shears.*

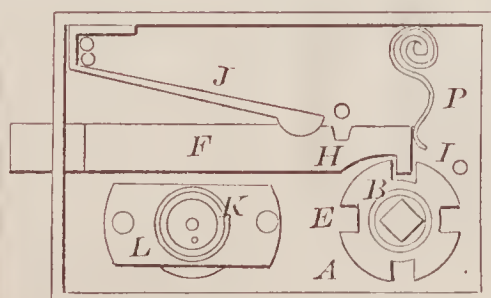


67211—H. Pease—*Harvester.*

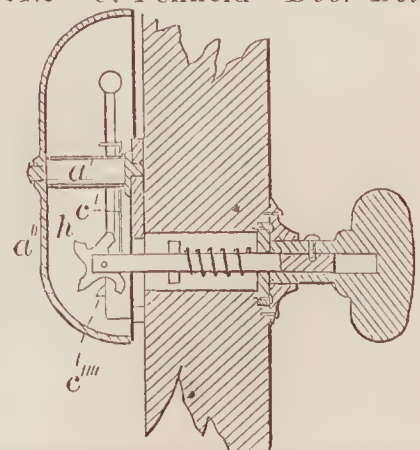


67210—P. A. Oliver—*Bayonet Attachment.*

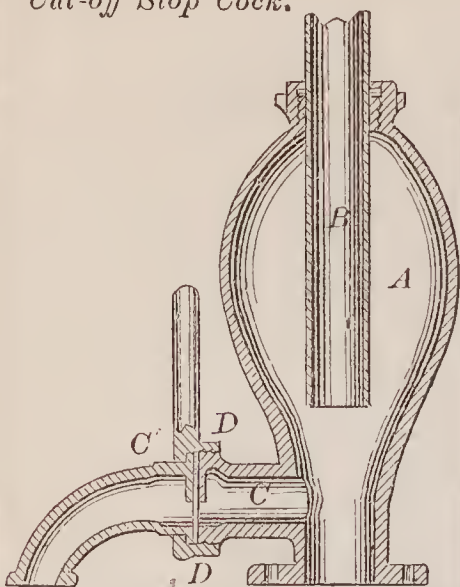
67213—N. Petre—*Lock Latch.*



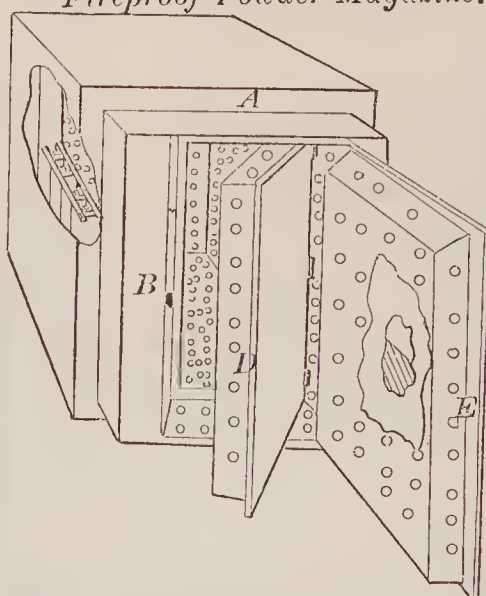
67212—C. Penfield—*Door Bell.*



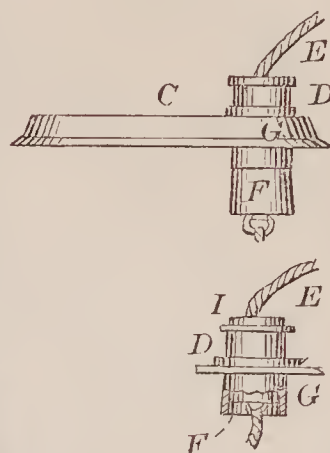
67214—W. H. Pollard—
Cut-off Stop Cock.



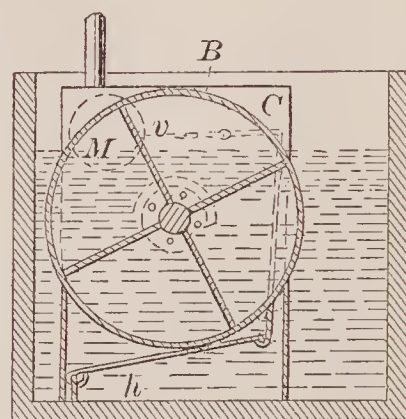
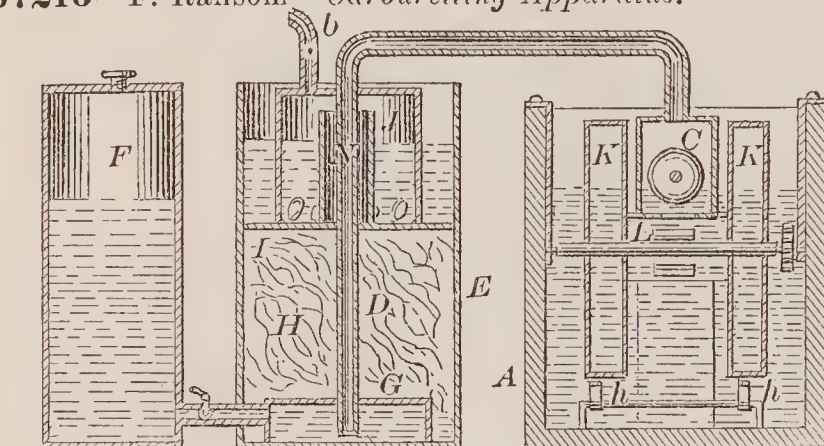
67220—R. S. Sanborn—
Fireproof Powder Magazine.



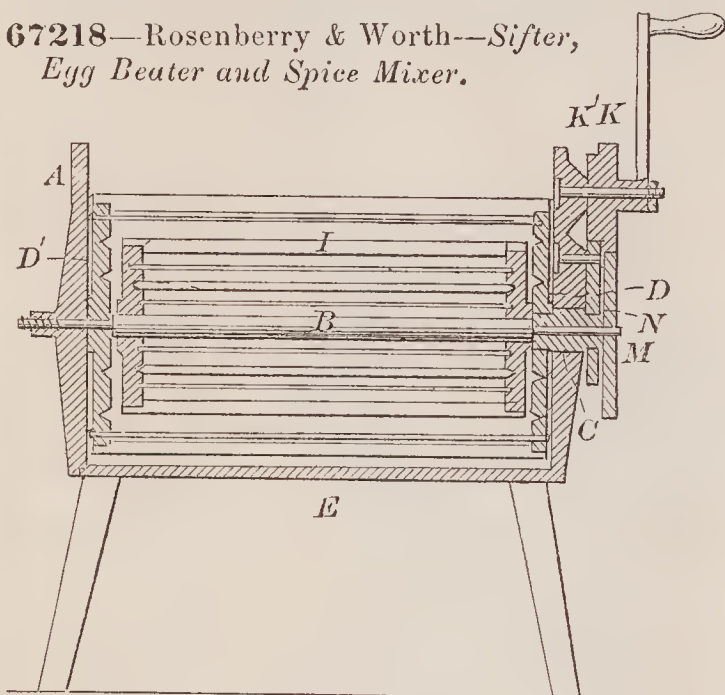
67215—E. Purdy—*For*
Sealing Fruit Jars.



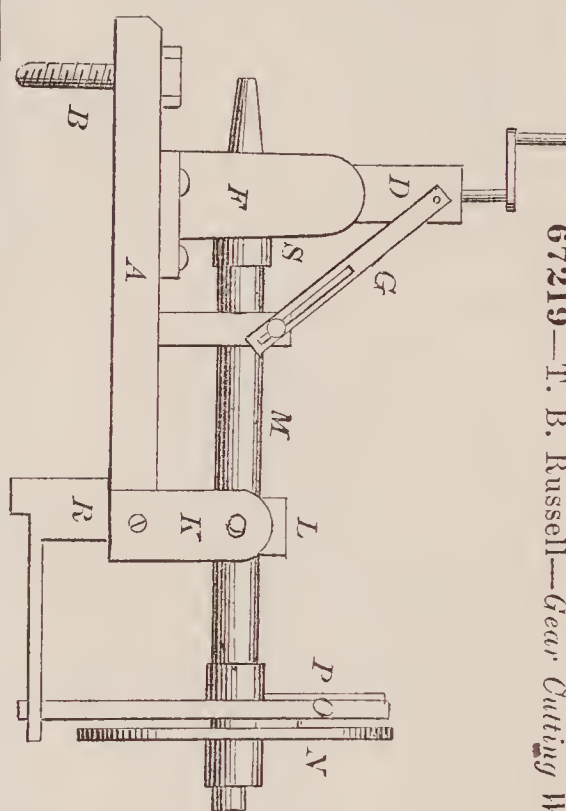
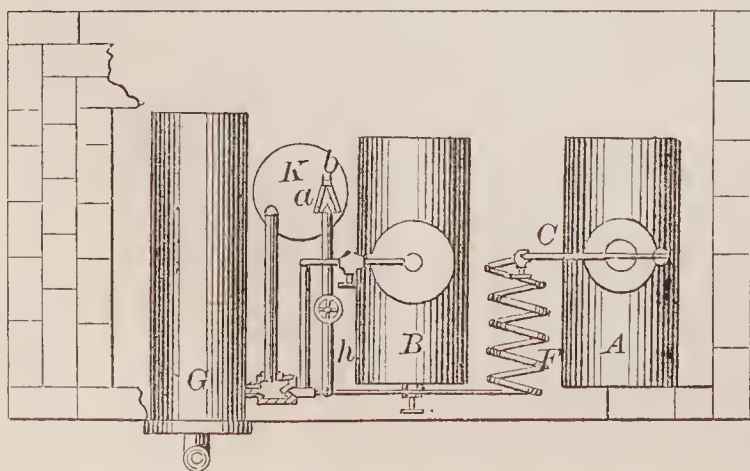
67216—F. Ransom—*Carburetted Apparatus.*



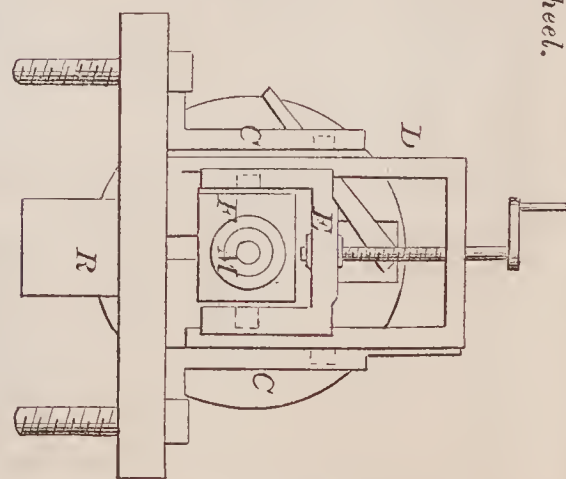
67218—Rosenberry & Worth—*Sifter,*
Egg Beater and Spice Mixer.



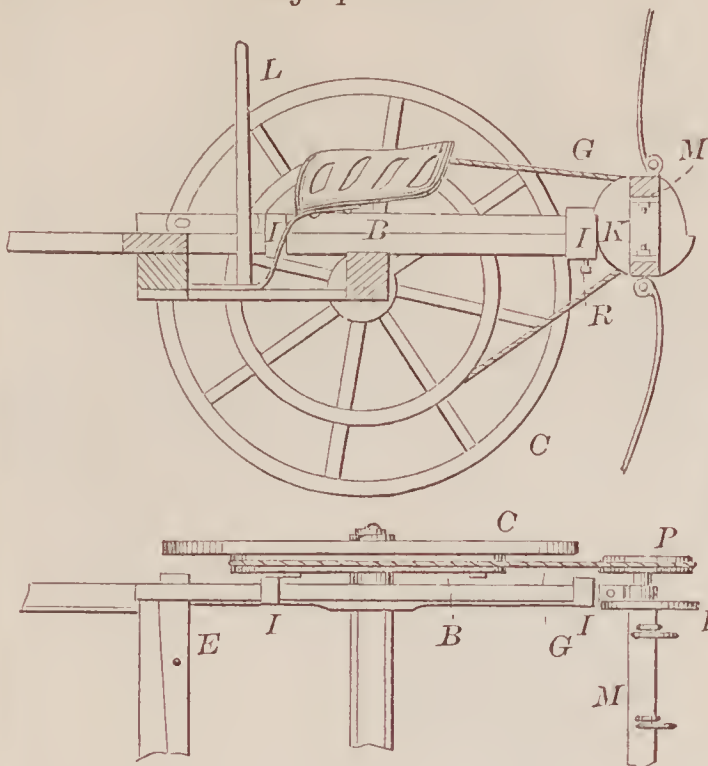
67217—J. T. Rich—*Manufacture of Gas.*



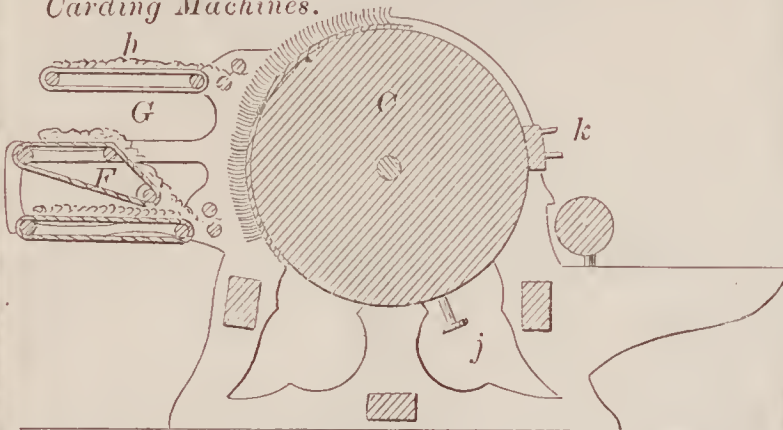
67219—T. B. Russell—*Gear Cutting Wheel.*



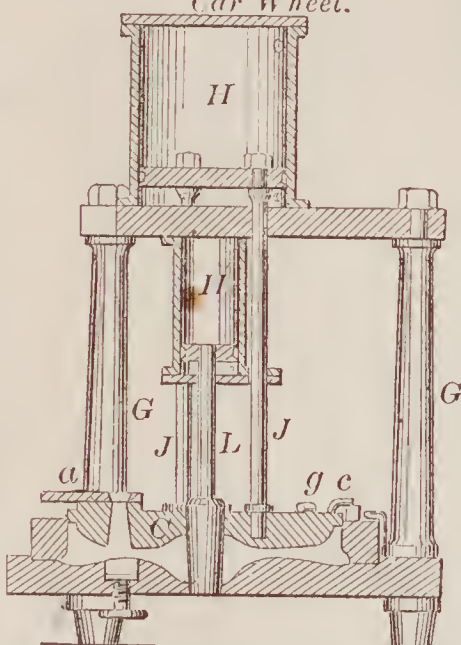
67221—Seymour & Taylor—*Horse Rake and Hay Spreader.*



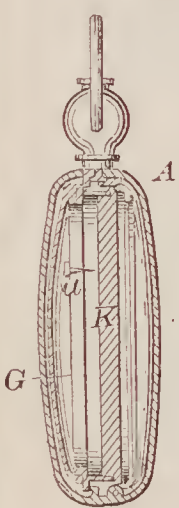
67226—D. Tainter—*Feeding Apparatus for Carding Machines.*



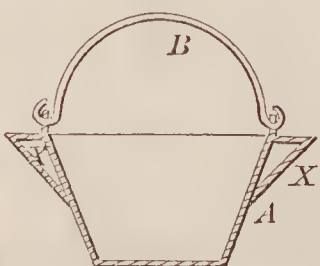
67227—J. B. Tarr—*Cast Steel Car Wheel.*



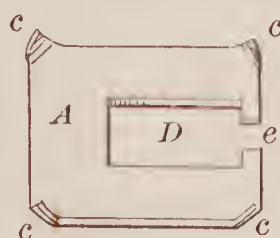
67224—O. F. Stedman—*Watch Case.*



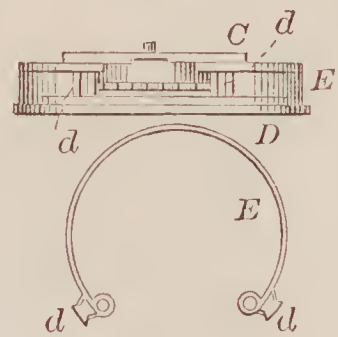
67228—W. Templeton—*Milk Pan.*



67231—C. Ulmer—*Cotton Bale Tie.*



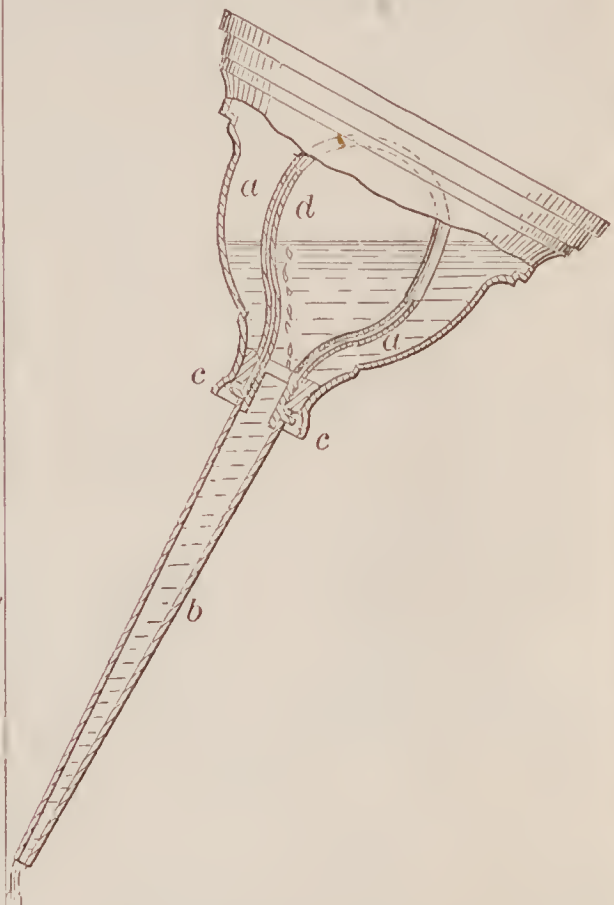
67223—O. F. Stedman—*Watch.*



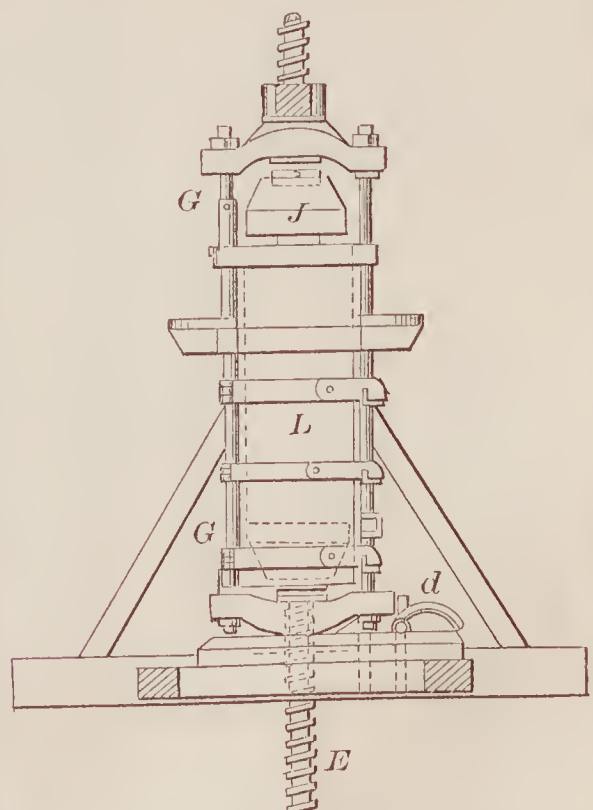
67222—J. H. Sherman—*Rolling Cutter for Plows.*



67225—F. Stone—*Oiler.*



67230—D. R. Torbet—*Cotton Press.*



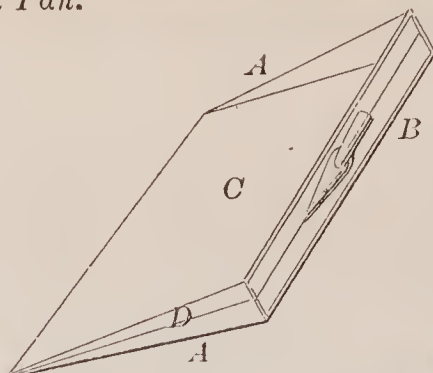
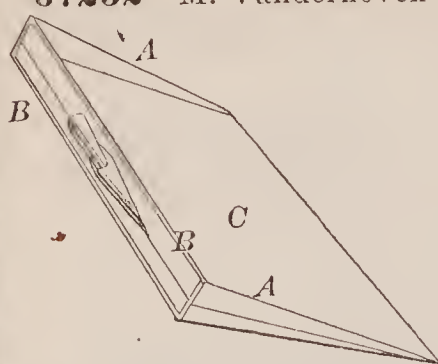
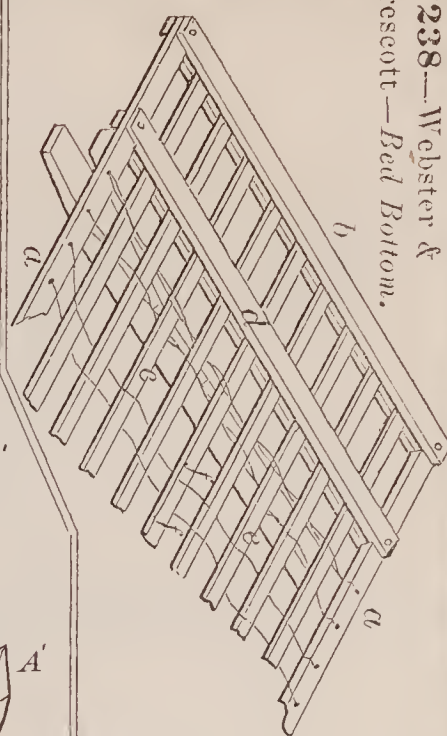
67232—M. Vanderhoven—*Dust Pan.*67238—Webster & Prescott—*Bed Bottom.*67237—T. Weaver—*Whip Socket.*

Fig. 8

Fig. 1

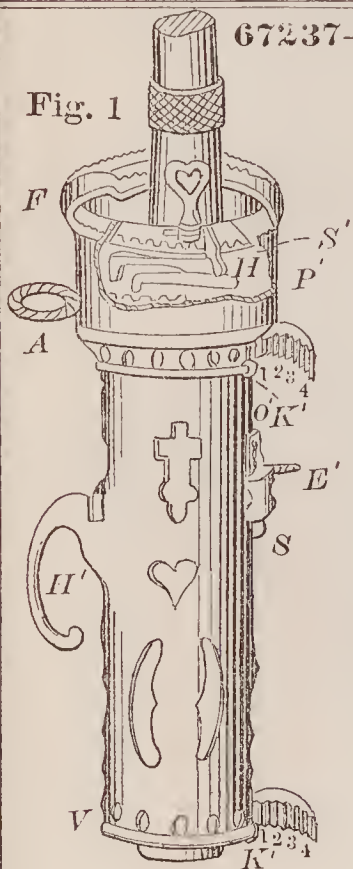


Fig. 3

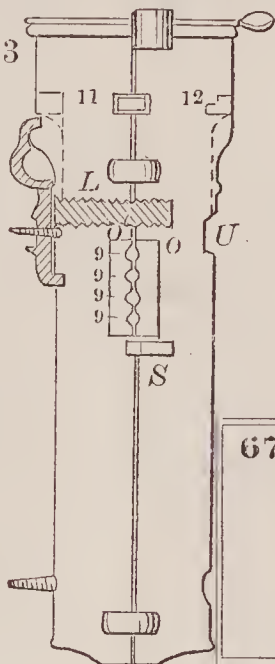
67234—J. D. Van Zandt—*Cork Pull.*

Fig. 4

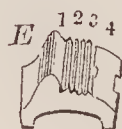
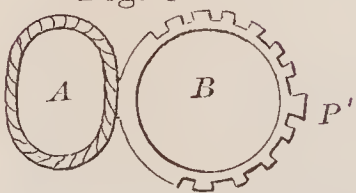
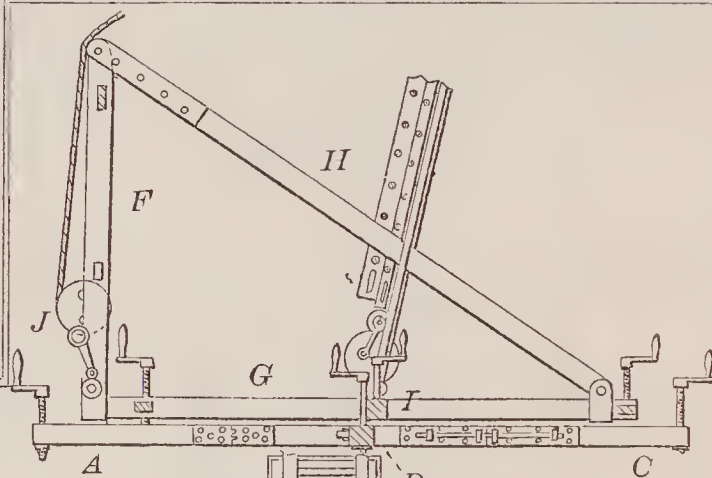
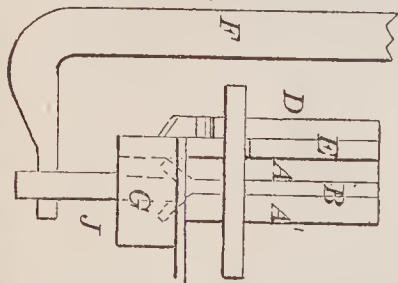
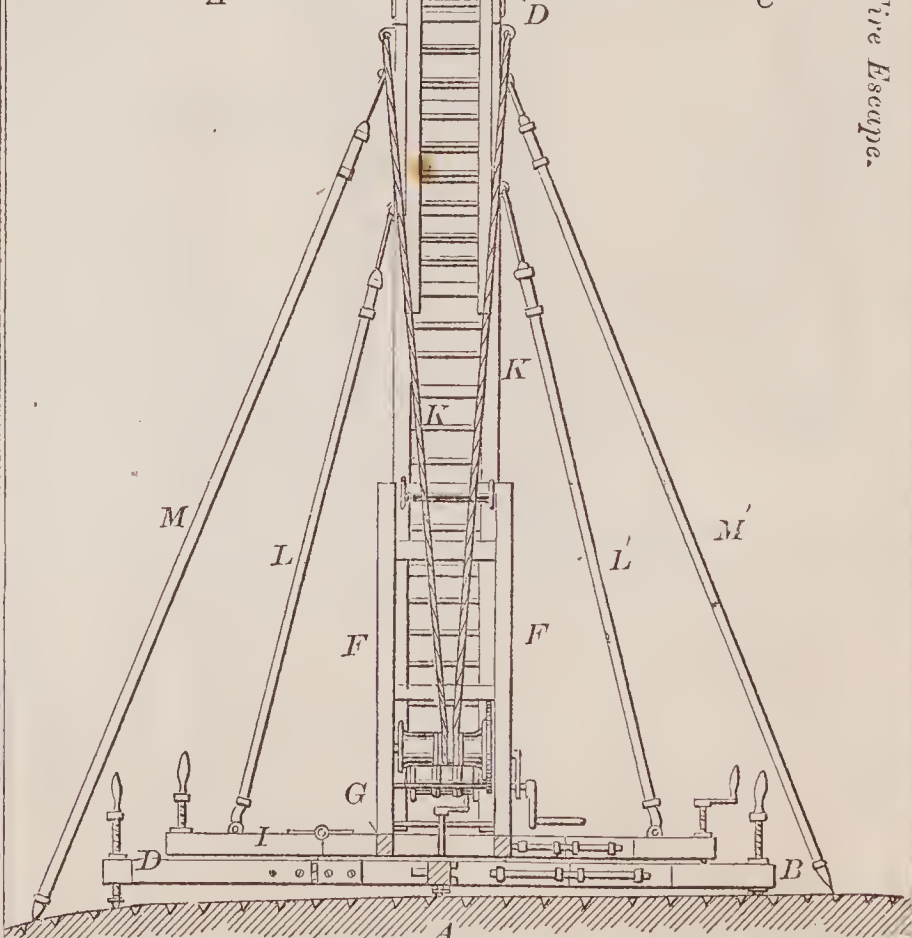
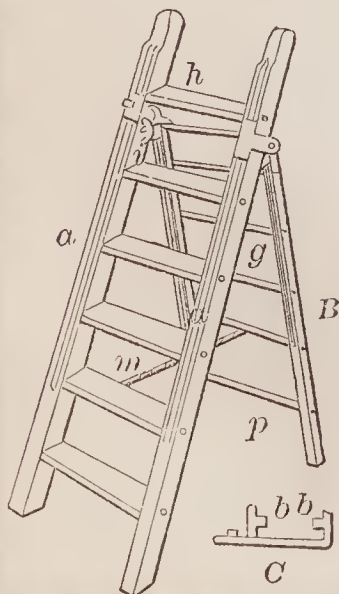
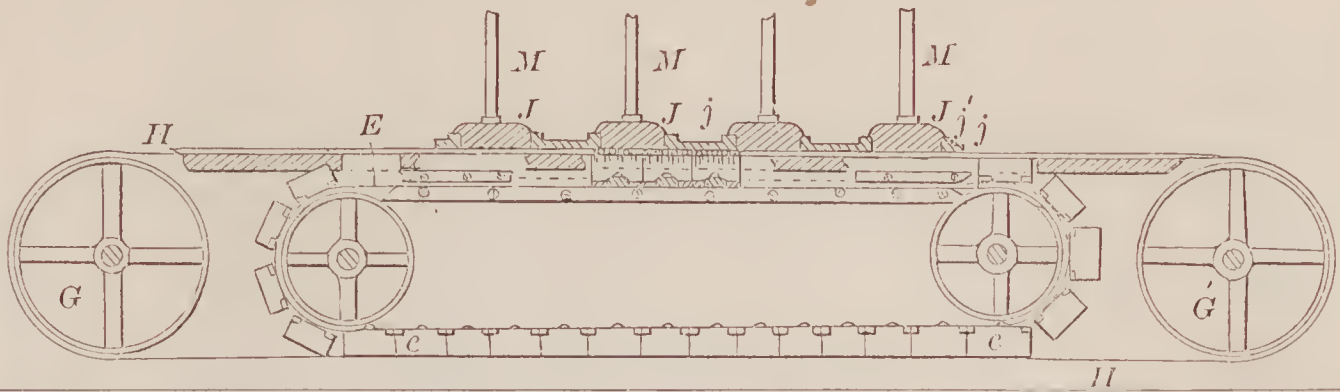


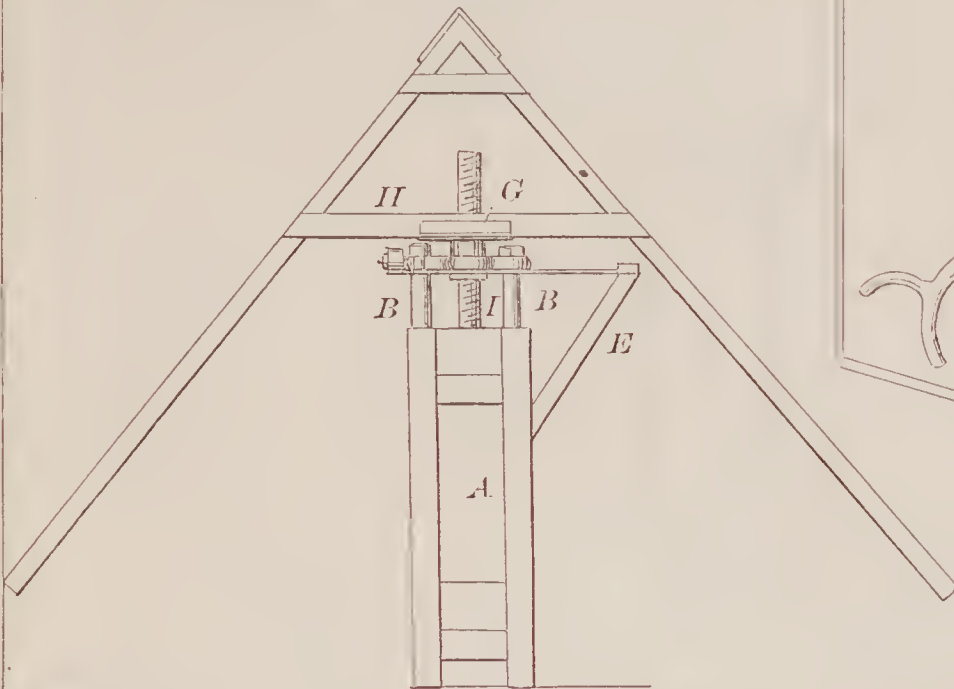
Fig. 5

67239—C. Weidling—*Fire Escape.*67236—C. W. Wailey—*Die for Forming Cotton Ties.*67235—T. Vogelmann—*Step Ladder.*

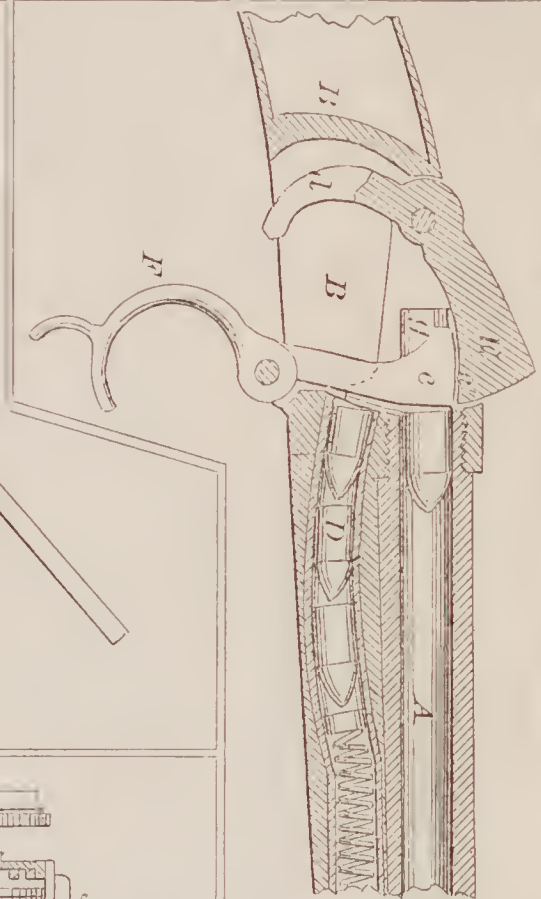
67240—E. Weissenborn—For Polishing Wood. See fig. below.



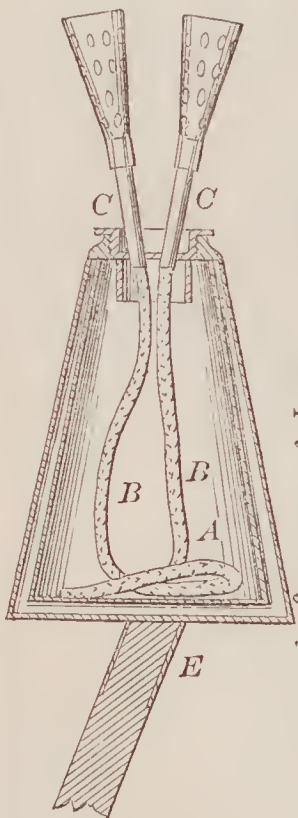
67243—Y. F. Wright—Cotton Press.



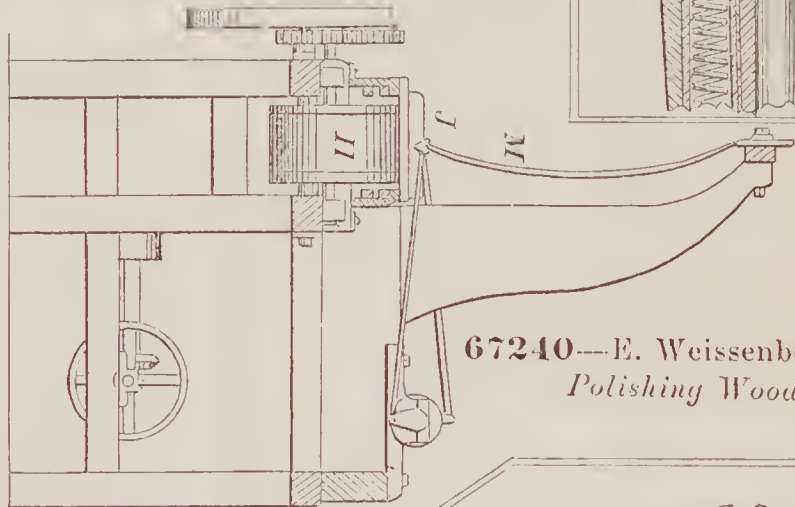
67242—J. A. Whitney—Magazine Fire Arm.



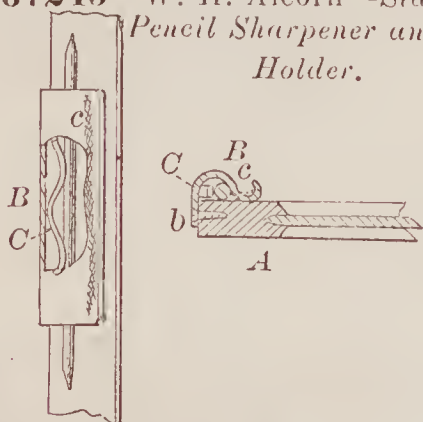
67244—J. Zimmerman—Lamp for Destroying Insects.



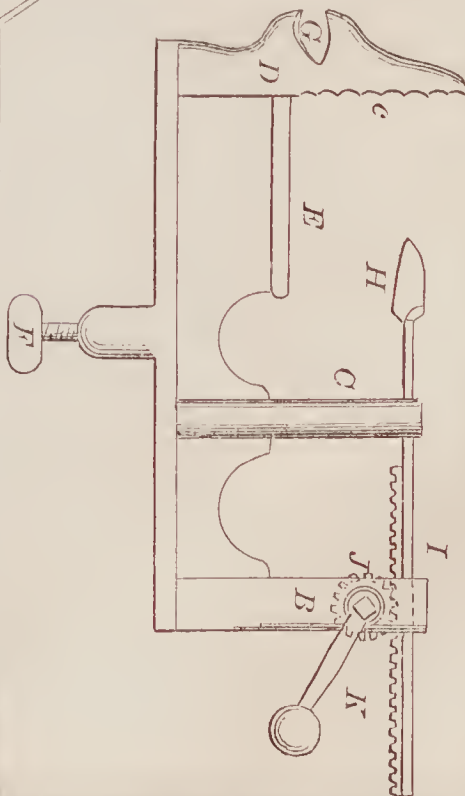
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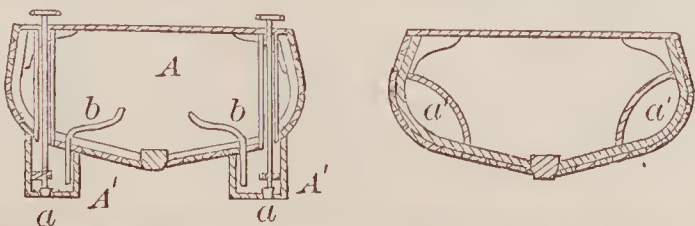
67245—W. H. Alcorn—Slate Pencil Sharpener and Holder.

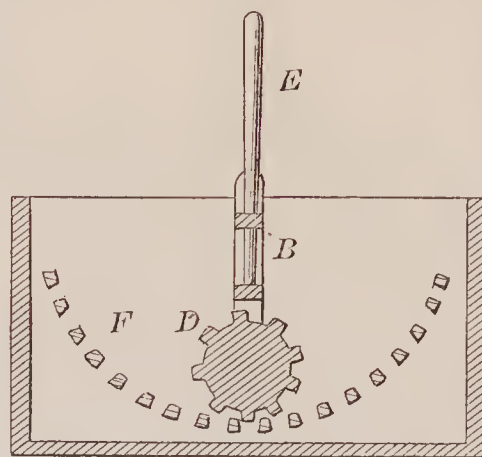
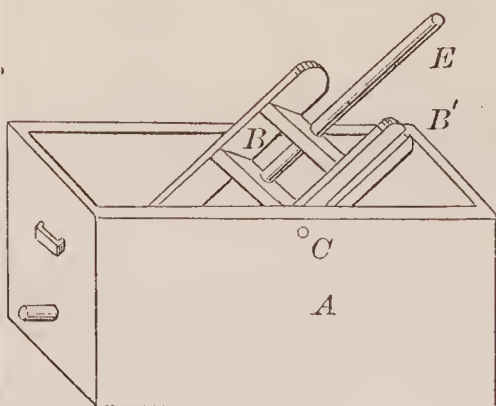
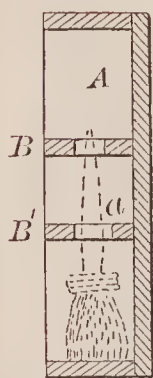
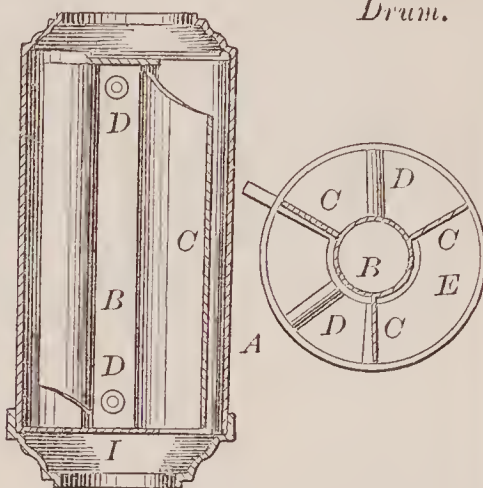
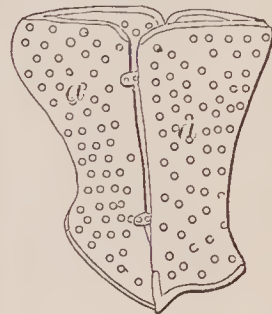
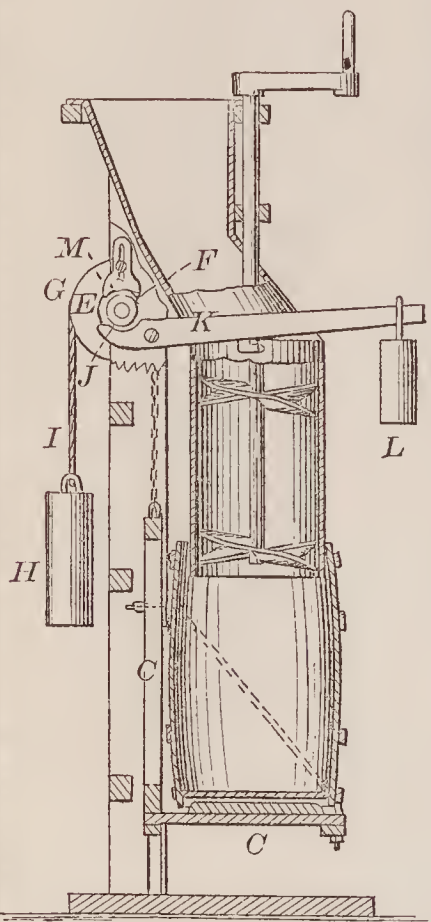
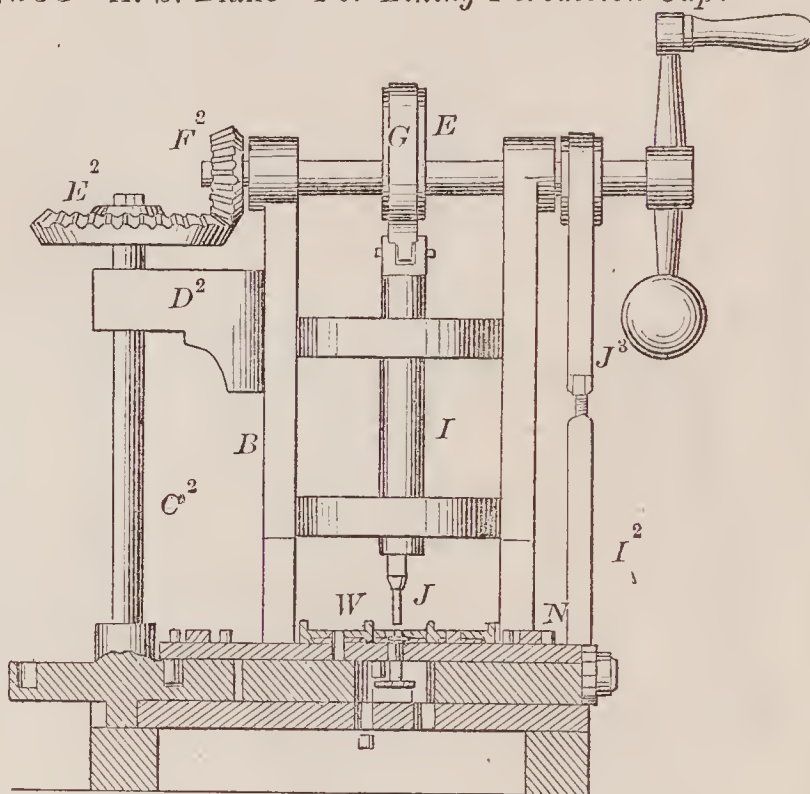
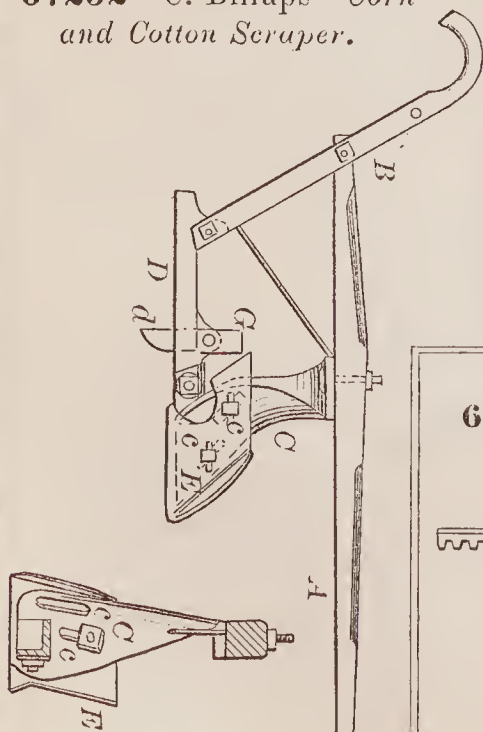
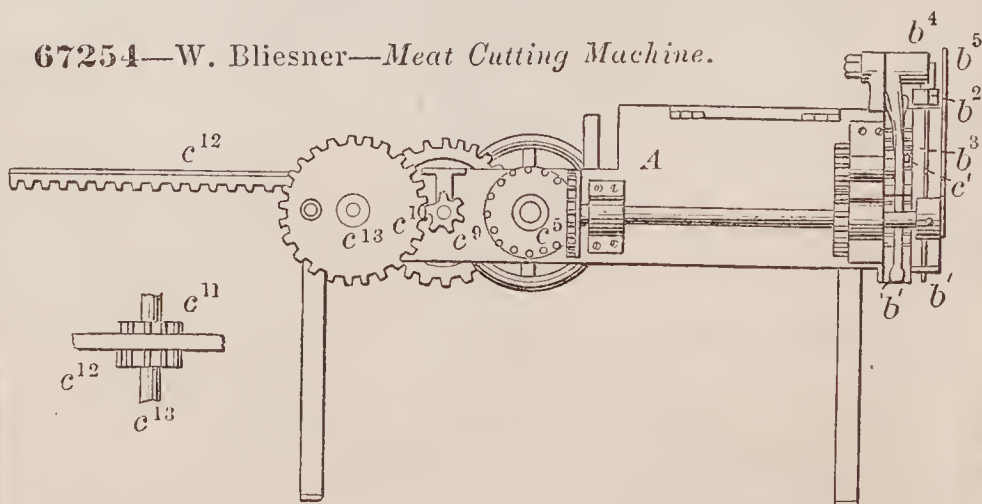


67246—J. E. Alger—Oyster Opener.

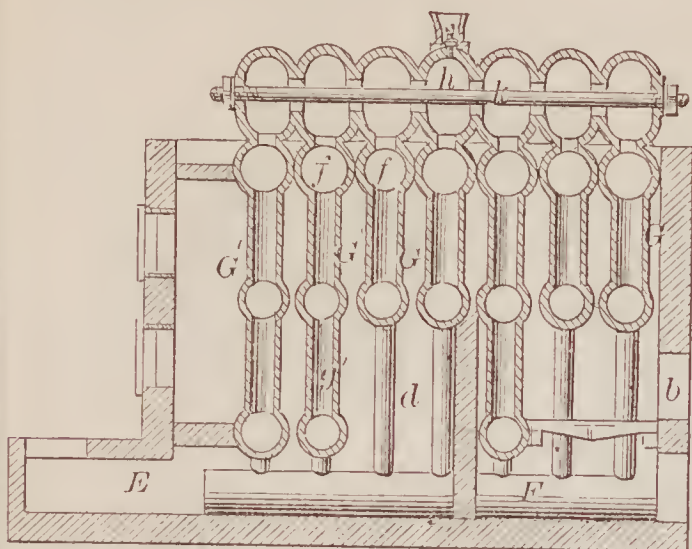


67241—N. F. Weston—Construction of Vessels.

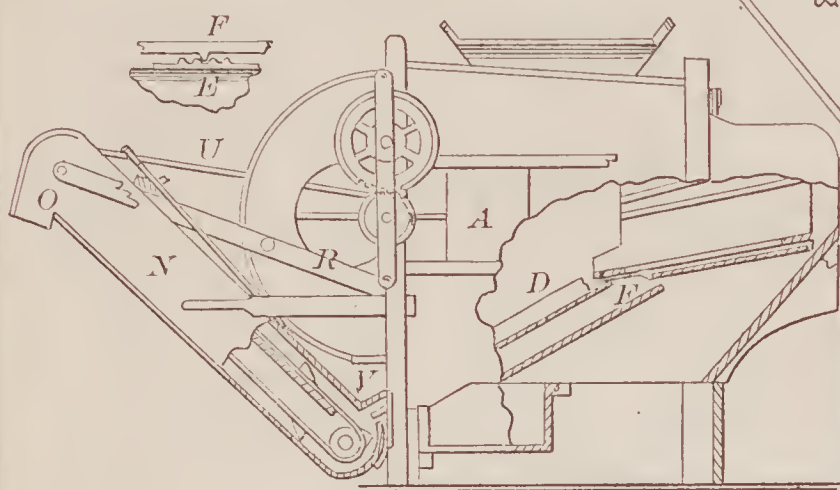


67248—C. L. Andrews—*Washing Machine.*67247—Ames & Horton—*Brush Rack.*67251—J. F. Beckwith—*Stove Pipe Drum.*67250—Beal, Sawyer & Webster—*Paper Corset.*67249—H. A. Barnard—*For Packing Flour.*67253—A. S. Blake—*For Lining Percussion Caps.*67252—C. Billups—*Corn and Cotton Scraper.*67254—W. Bliesner—*Meat Cutting Machine.*

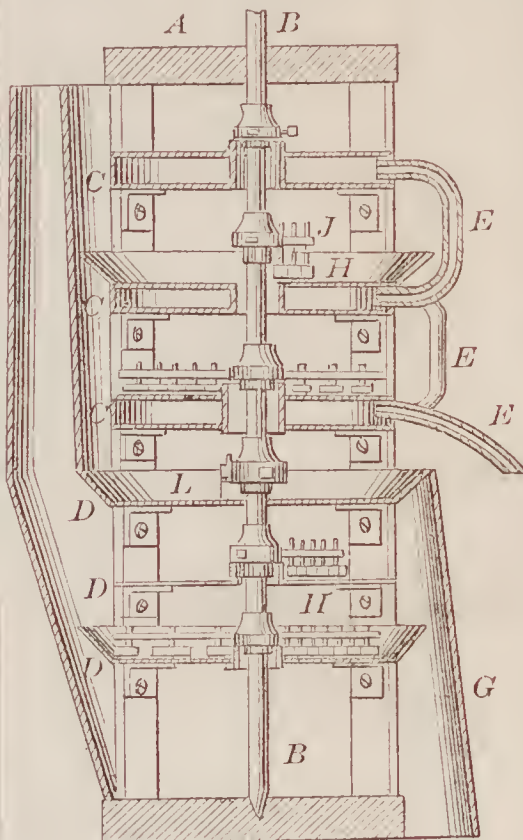
67255—C. T. Boardman—*Steam Generator.*



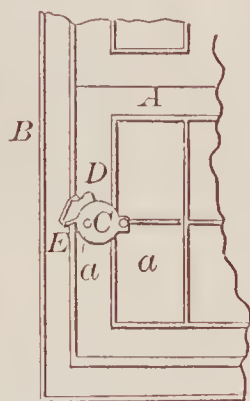
67260—J. J. Bradner—*Fanning Mill.*



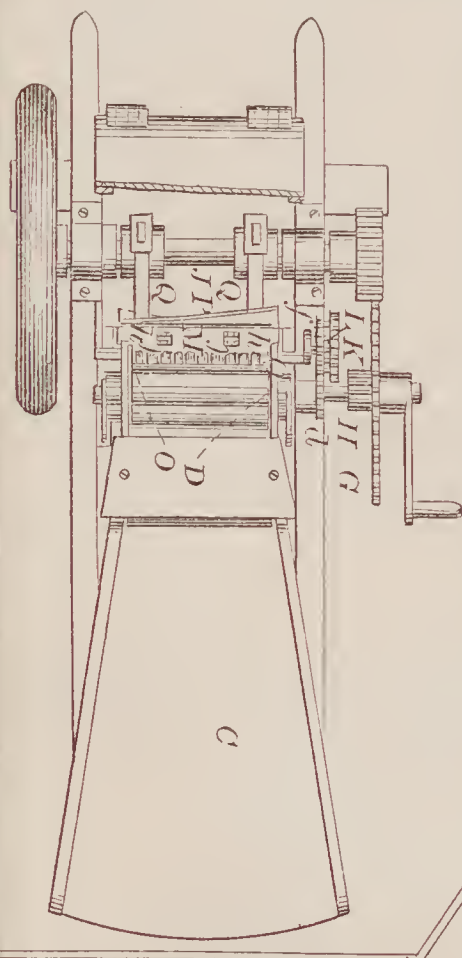
67256—H. Boden—*Grain Dryer.*



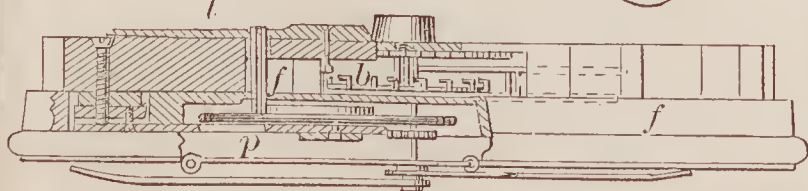
67258—J. C. Bonnell—*Sash Support and Fastener.*



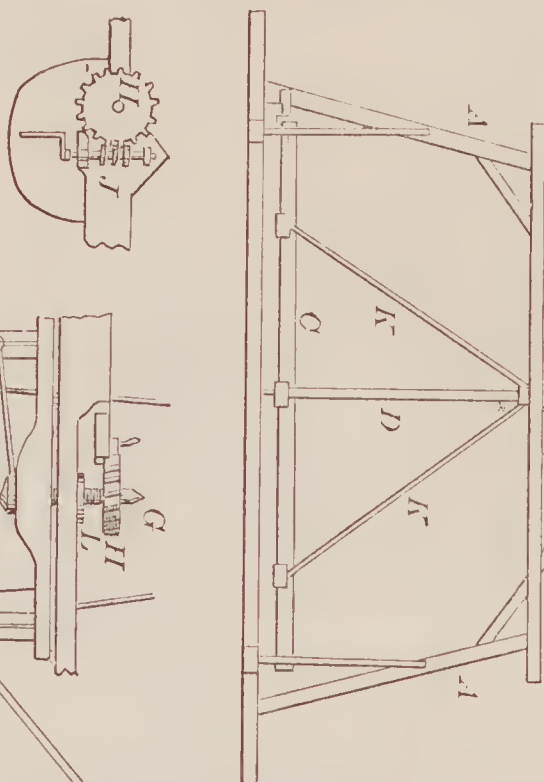
67261—J. D. Burdick—*Stream Cutter.*



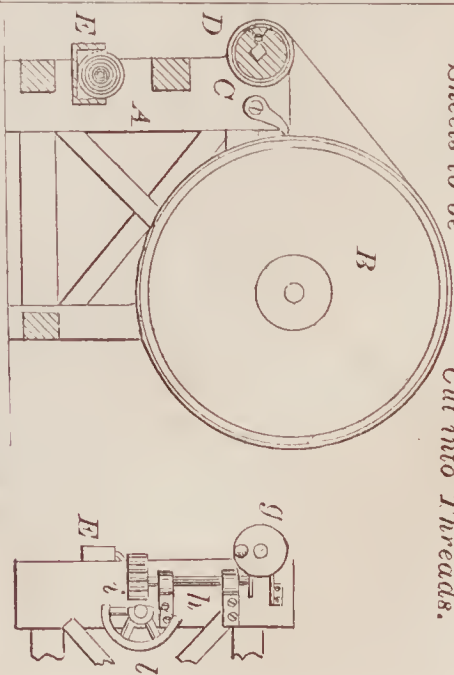
67259—F. B. Bouseatic—*Watch.*

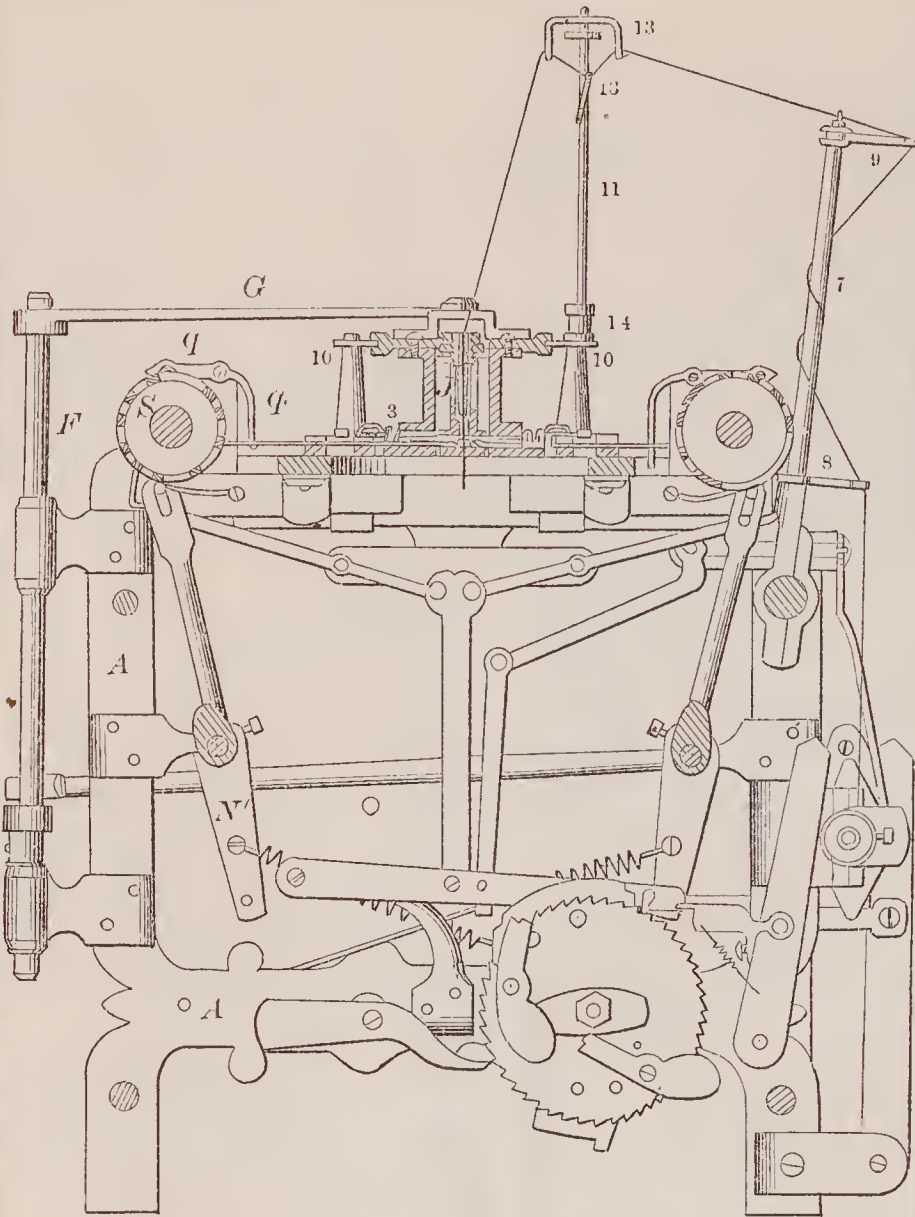
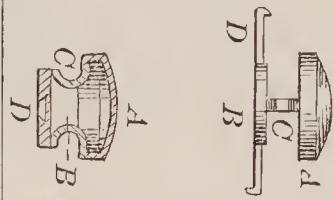
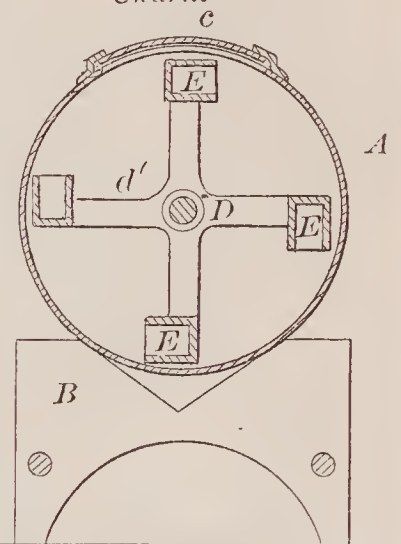
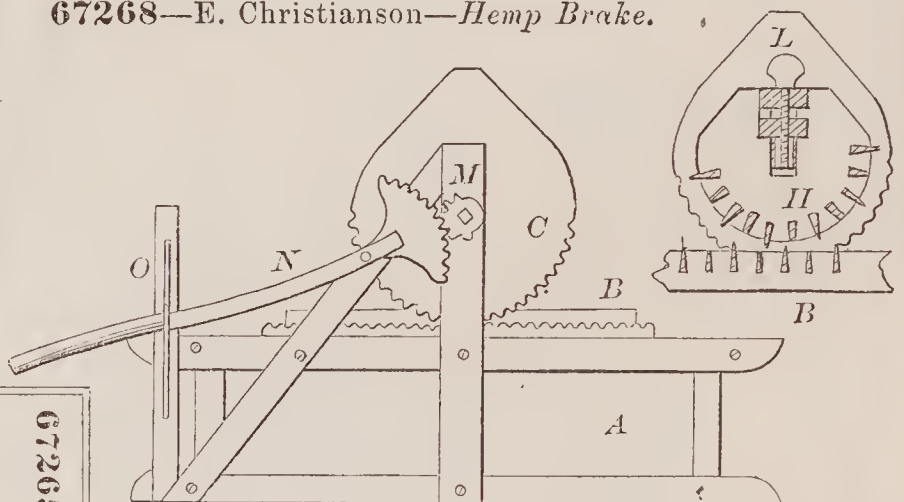
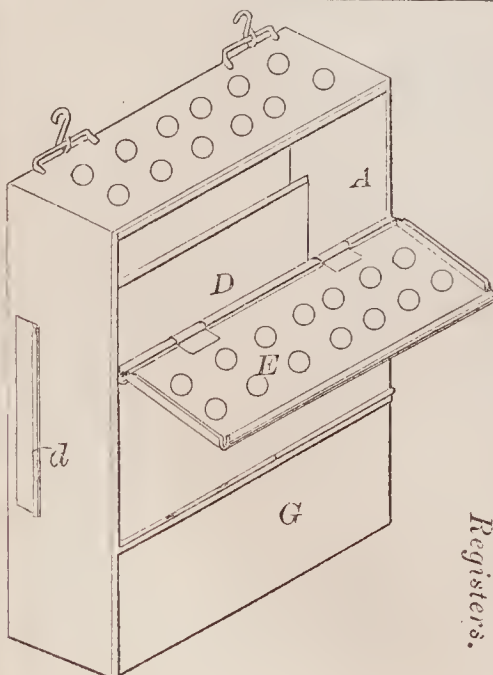
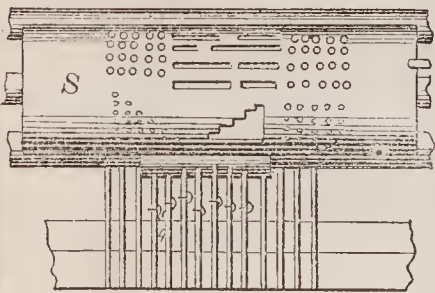
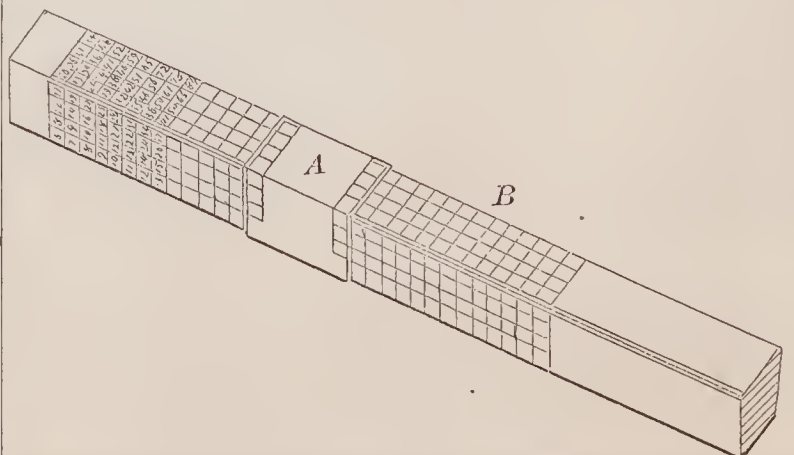


67257—J. C. Bonnell—*Suspension Turn Table.*

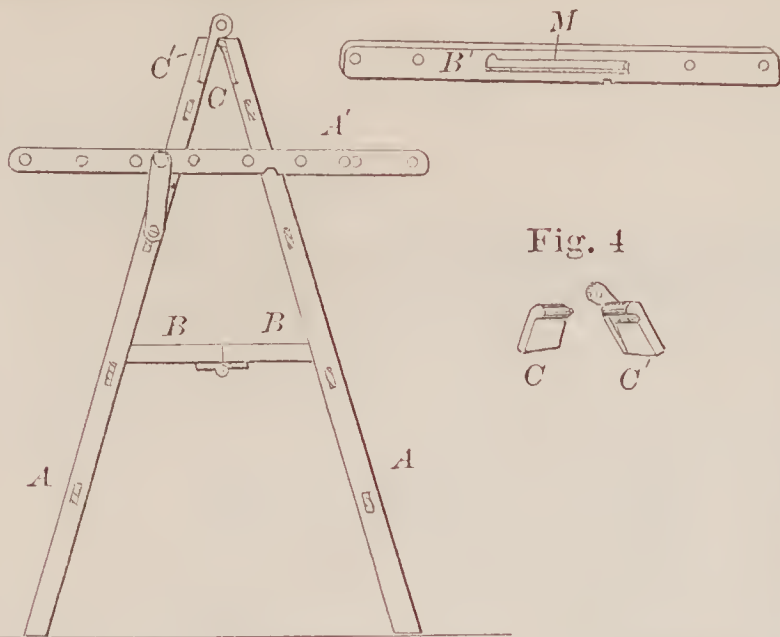


67262—D. H. Buzze—*For Laying Rubber Sheets to be Cut into Threads.*

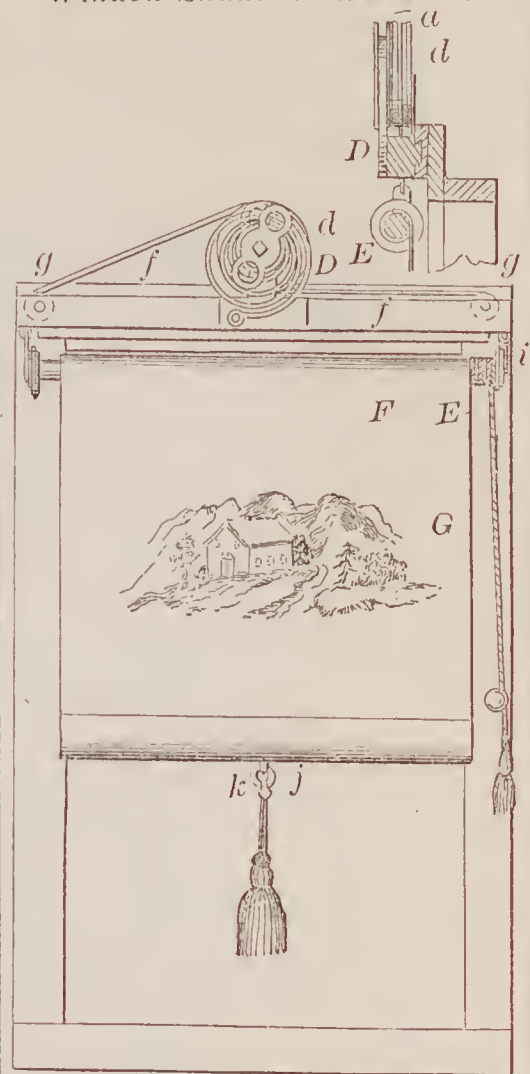


67263—A. C. Carey—*Knitting Machine.*67264—A. C. Carey—*Machine Knitted Stocking.*67267—V. Charlet—*Button.*67266—C. J. Chalfant—*Churn.*67268—E. Christianson—*Hemp Brake.*67269—F. J. Coffin—*Slide for Rules, Scales and Tables.*67265—S. H. Caughey—*Deflector for Hot Air Registers.*

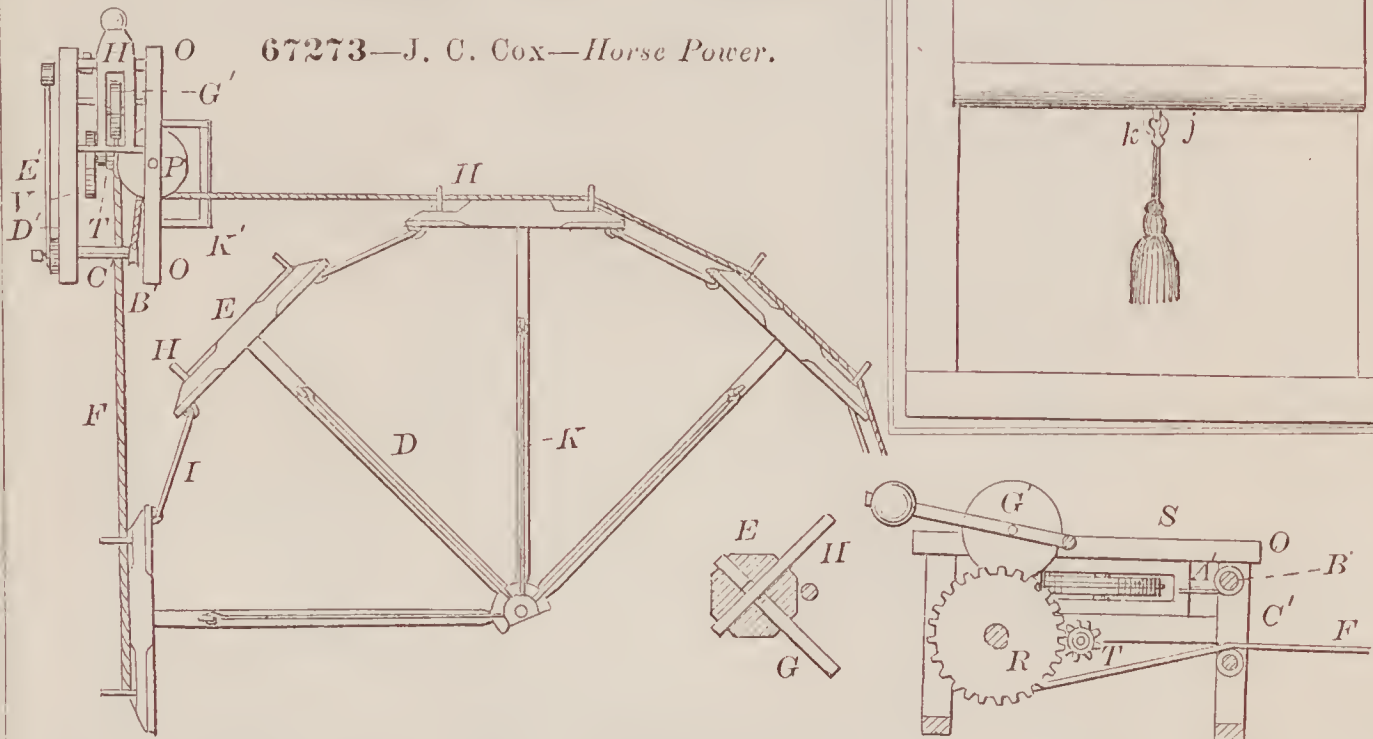
67270—I. A. Coons—*Clothes Dryer.*



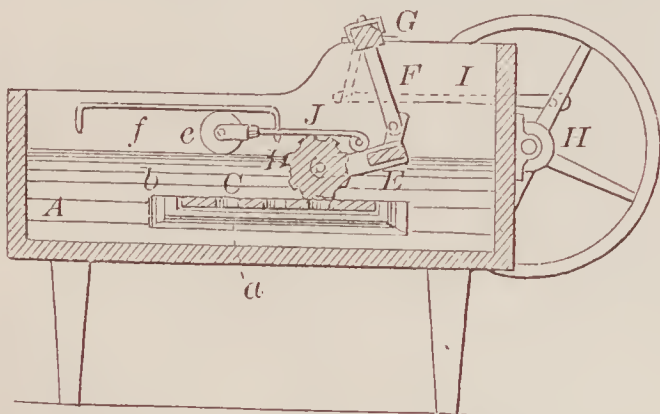
67272—Cox & Hill—*Applying Window Shades to Windows.*



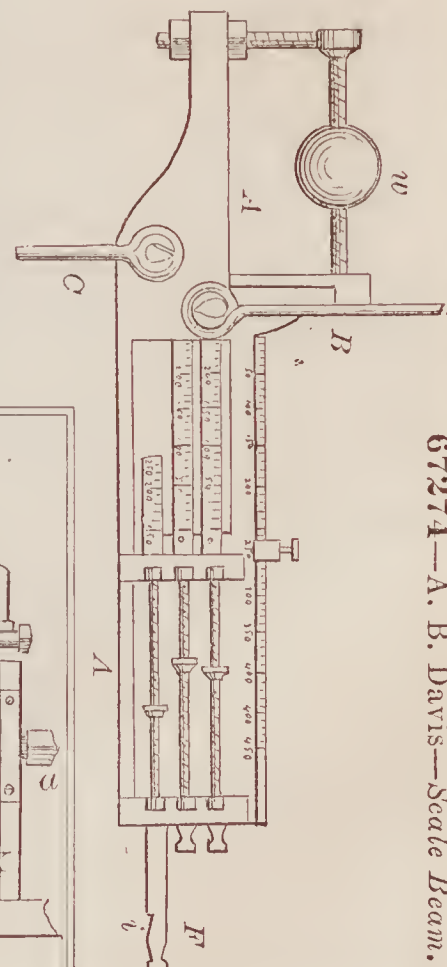
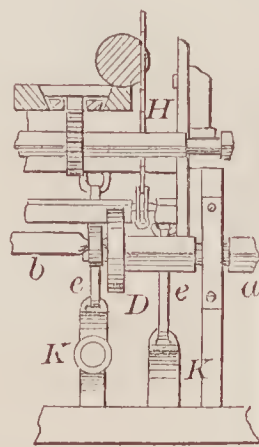
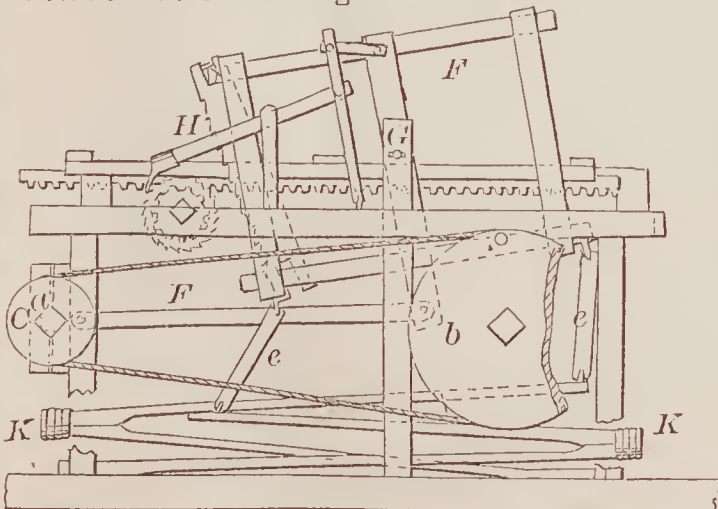
67273—J. C. Cox—*Horse Power.*



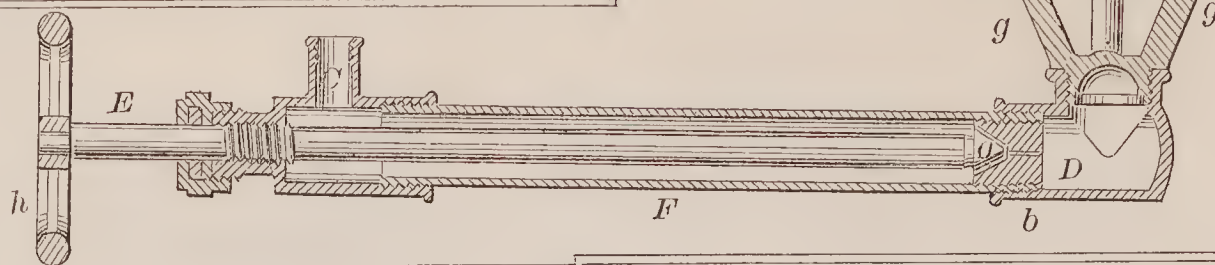
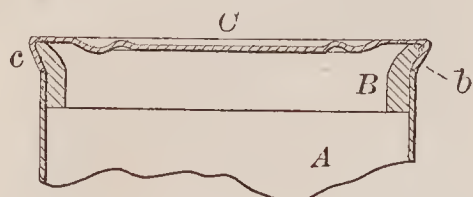
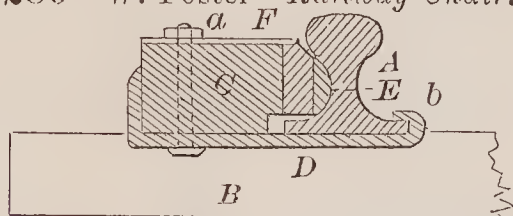
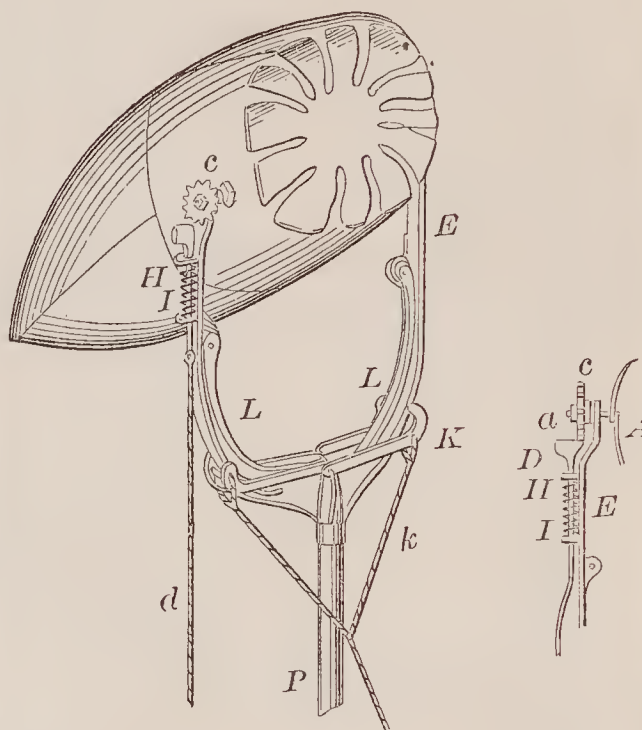
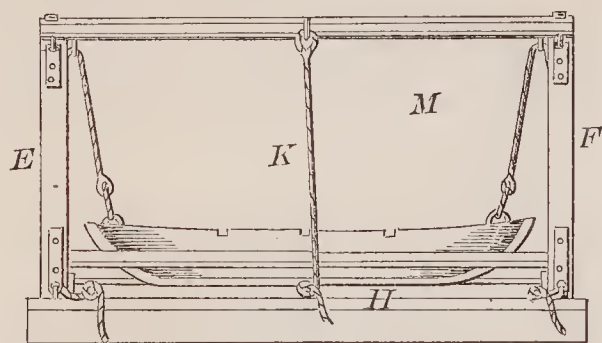
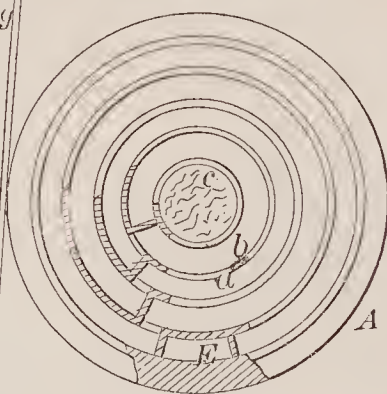
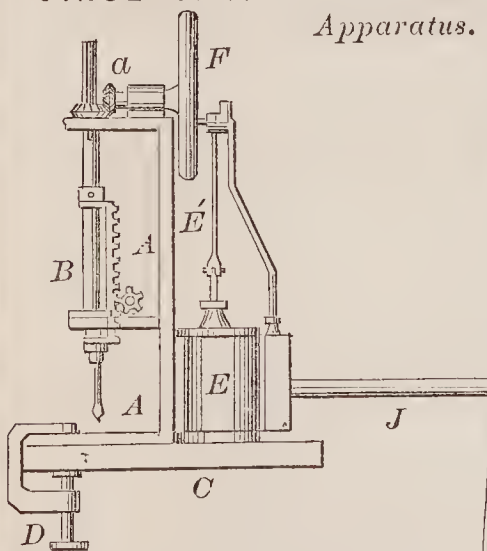
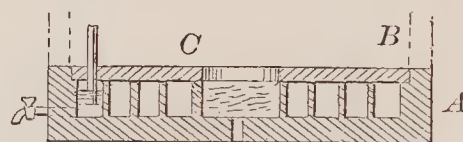
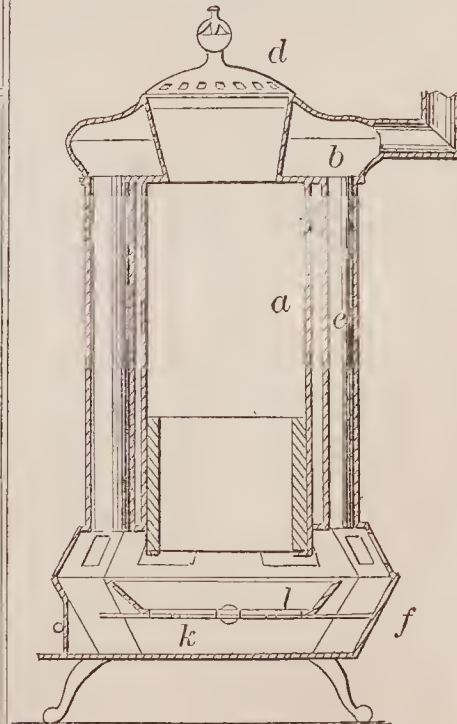
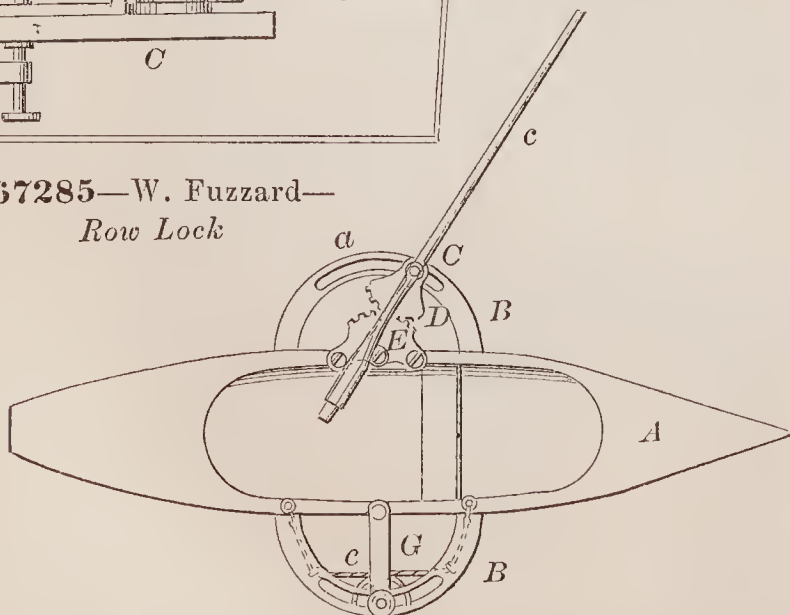
67271—Coville & Keeler—*Washing Machine.*



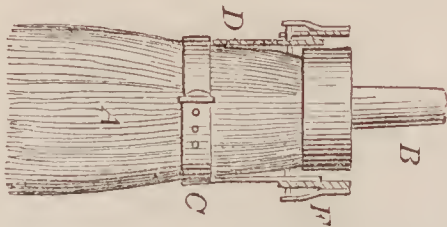
67275—J. C. Delavigne—*Saw Mill.*



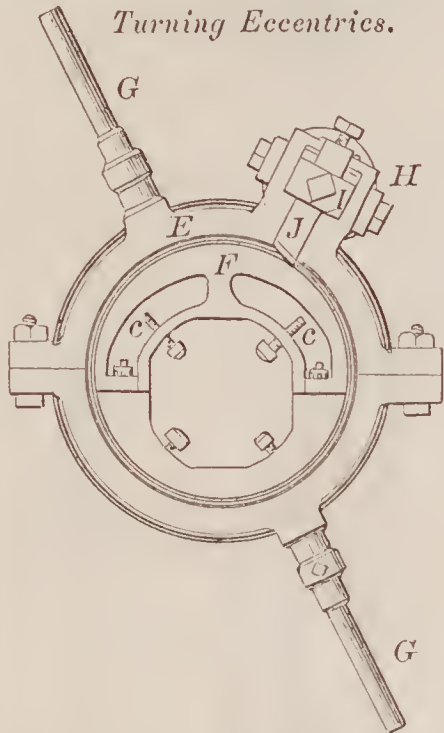
67274—A. B. Davis—*Scale Beam.*

67276—W. B. Doudes—*For Lighting Cigars.*67277—C. W. Duncan—*Vapor Burner for Heating.*67278—H. Everett—*Paint Can.*67279—L. Fleckenstine—*Fruit Gatherer.*67280—W. Foster—*Railway Chair.*67282—L. F. Frazee—*Ship's Davit.*67284—A. J. Fullam—*Drilling Apparatus.*67281—A. Fox—*Filter.*67283—C. H. Frost—*Base Burning Stove.*67285—W. Fuzzard—*Row Lock*

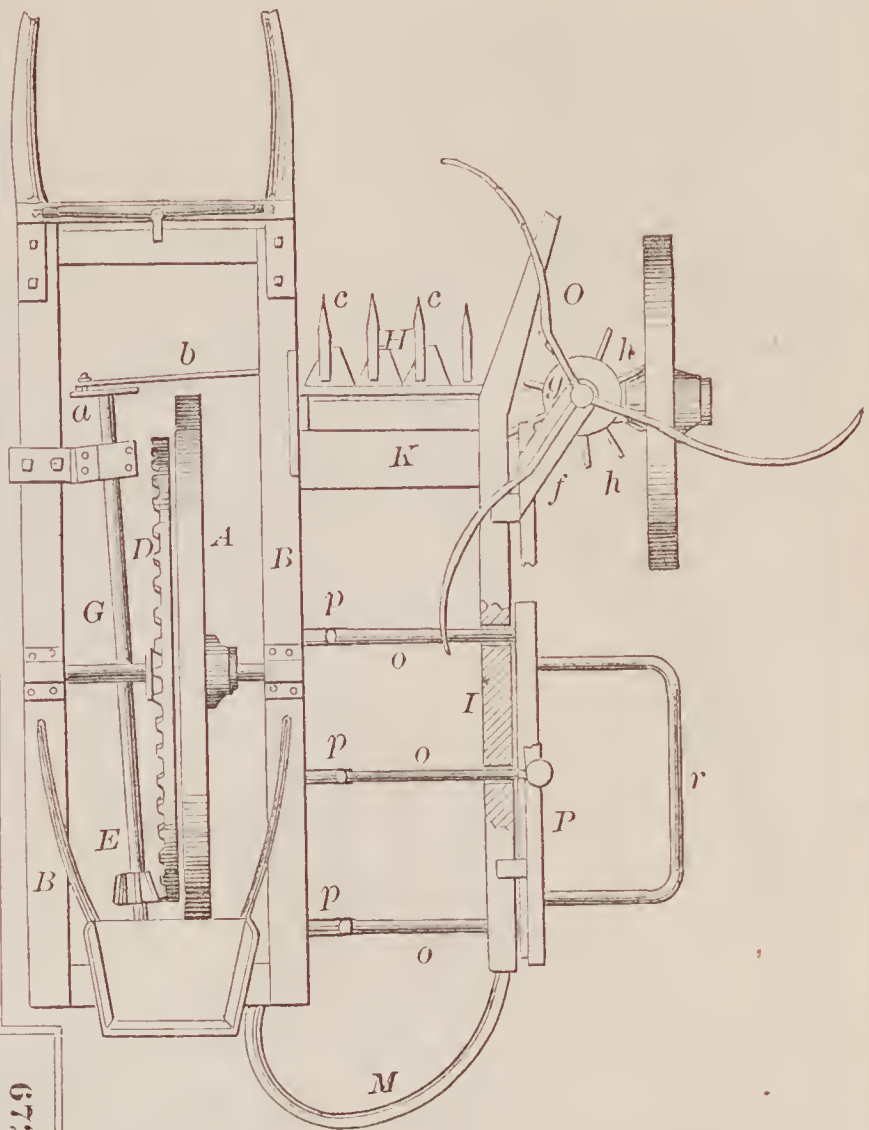
67286—G. R. Gardiner—*Clamp for Paint Brushes.*



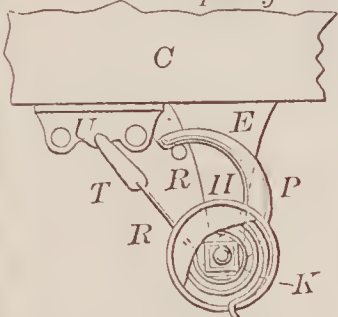
67288—J. B. Gayle—*Lathe for Turning Eccentrics.*



67287—W. N. Gates—*Corn Harvester.*



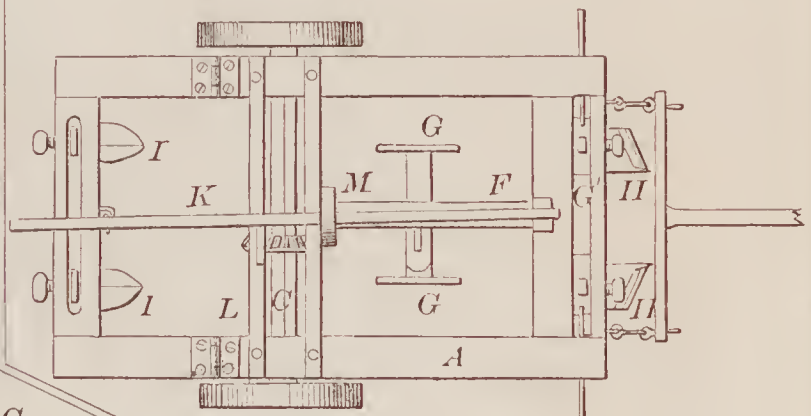
67290—W. Gilfillan—*Door Spring.*



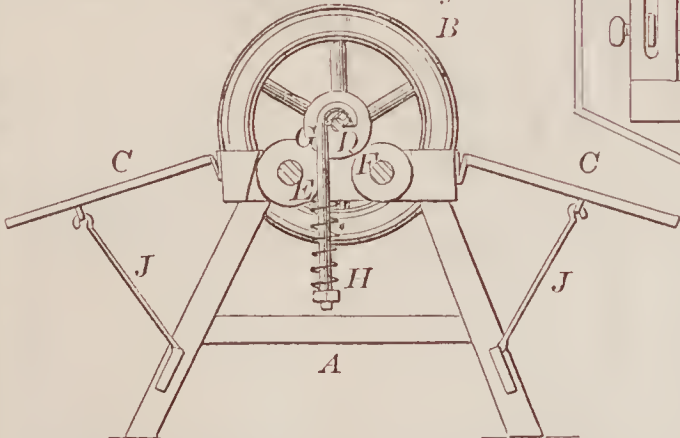
67292—J. H. Gould—*Bottle Stopper.*



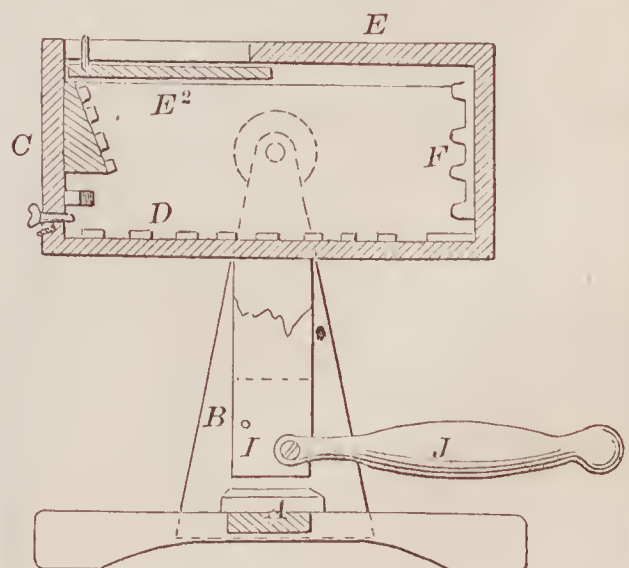
67289—C. Gibbon—*Cotton Cultivator.*



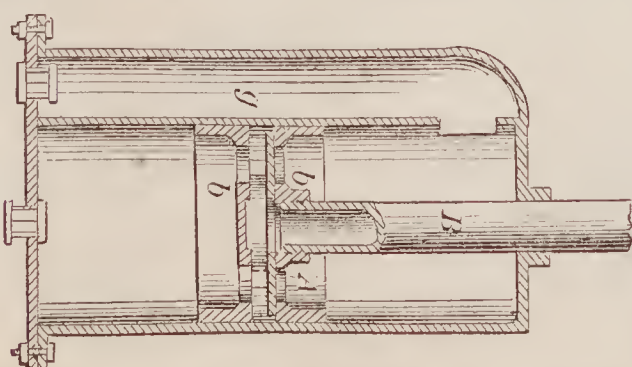
67293—H. Gransden—*Mangle.*

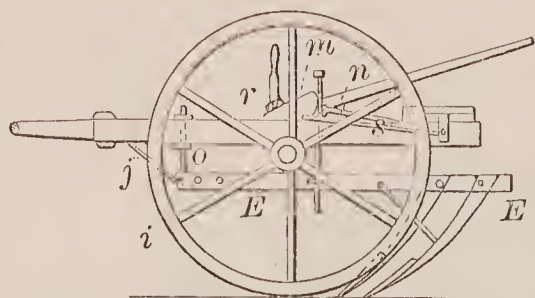
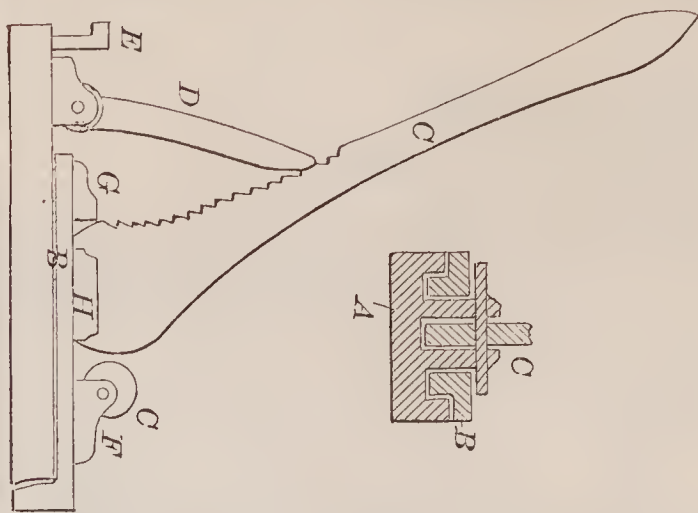
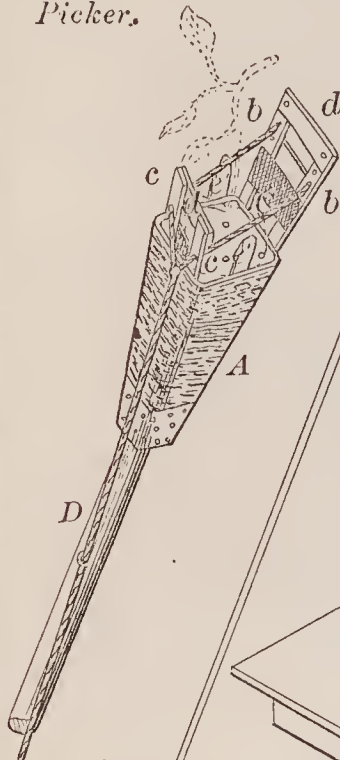
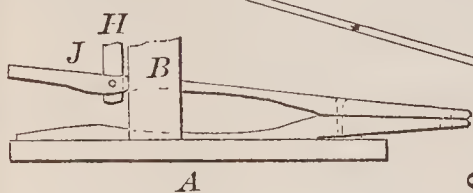
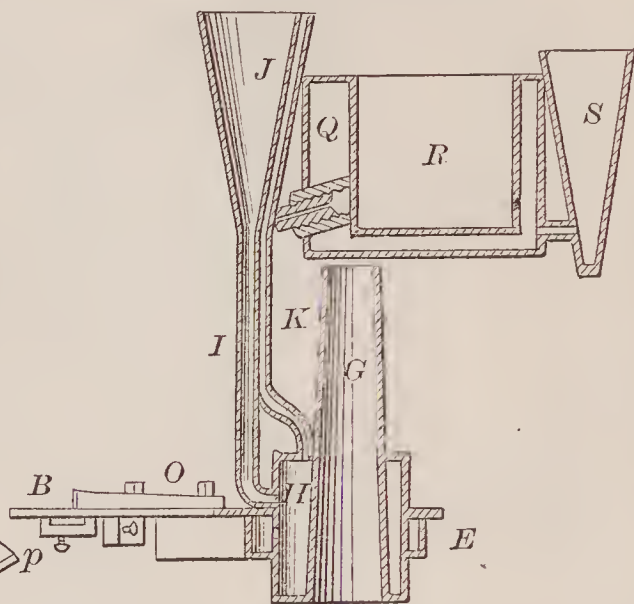
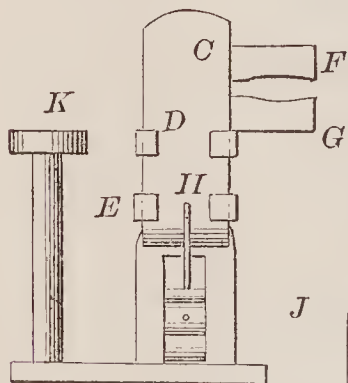
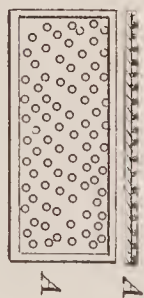
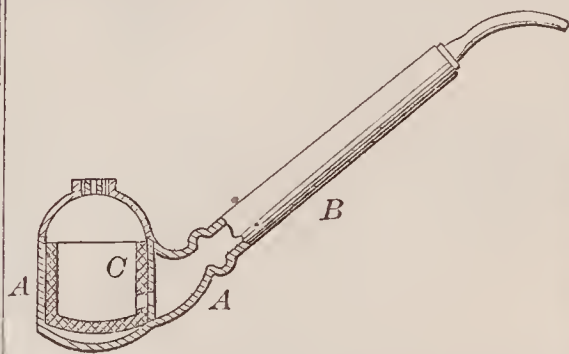
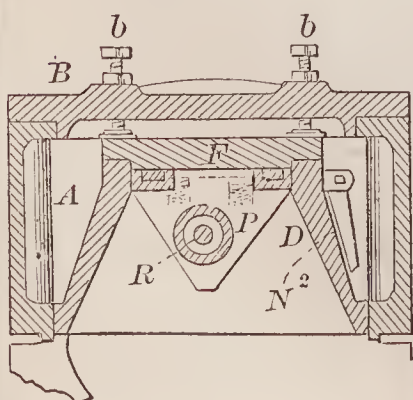
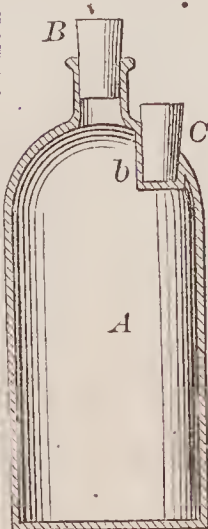
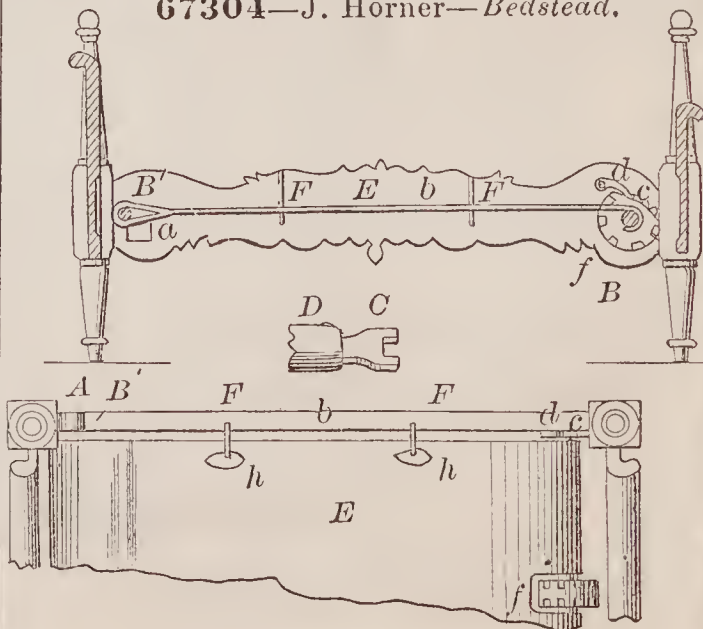


67294—W. Green—*Washing Machine.*

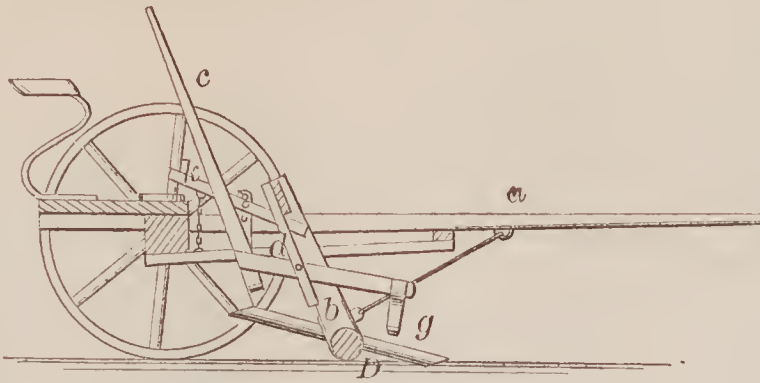


67291—C. B. Gill—*Pump Piston.*

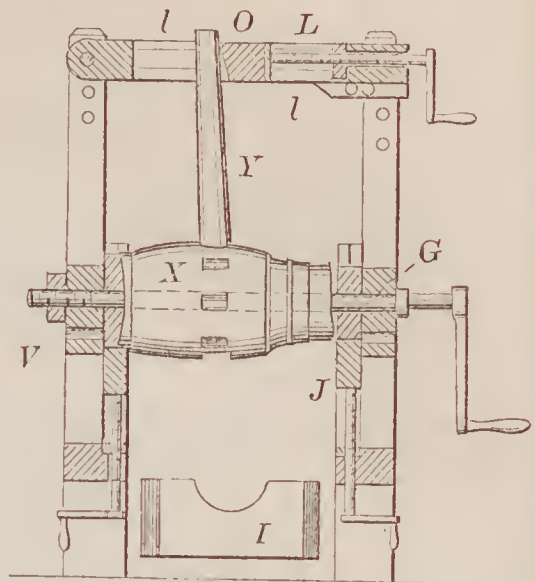


67295—A. M. Griswold—*Cultivator.*67297—J. F. Hammond—*Floor Clamp.*67296—E. W. Gurnee—*Fruit Picker.*67300—W. F. Hayden—*Heating Top Plates of Wax Thread Sewing Machines.*67301—H. N. Hill—*Corn Husker.*67298—J. Haskins—*Rubber Fabric.*67299—J. S. Hawley—*Tobacco Pipe.*67302—G. H. Hoagland—*Slide Valve.*67303—A. Honrath—*Cork Receptacle for Bottles.*67304—J. Horner—*Bedstead.*

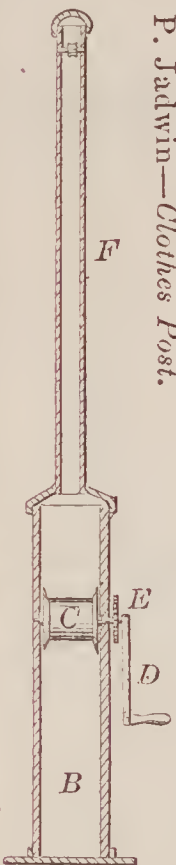
67305—C. Howard—*Horse Rake.*



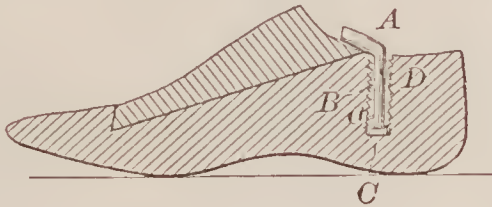
67306—Humphries & Keethler—*Wheel Spoking Machine.*



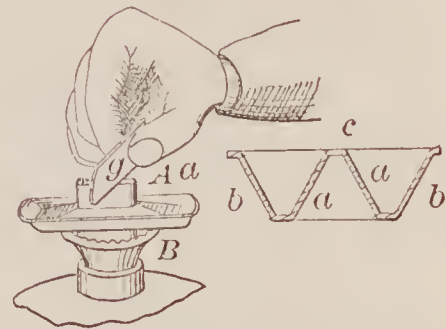
67310—C. P. Jadwin—*Clothes Post.*



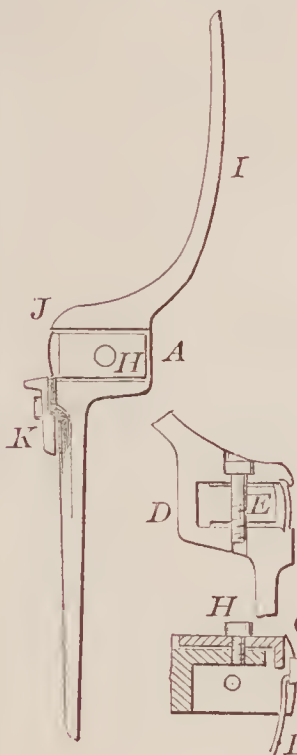
67307—W. S. Huntington—*Last Fastening.*



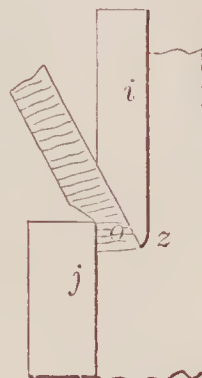
67309—J. Ives—*For Snuffing Lamps.*



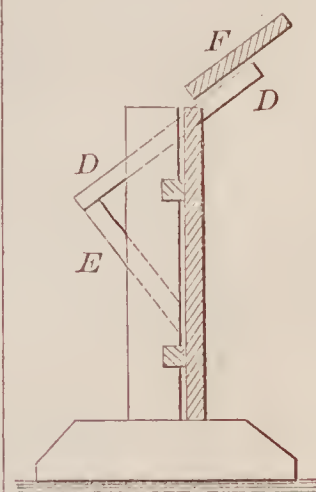
67313—A. E. Johnson—*Shave for Boots and Shoes.*



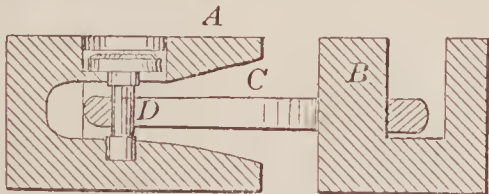
67312—E. Jewett—*Manufacturing Veneers.*



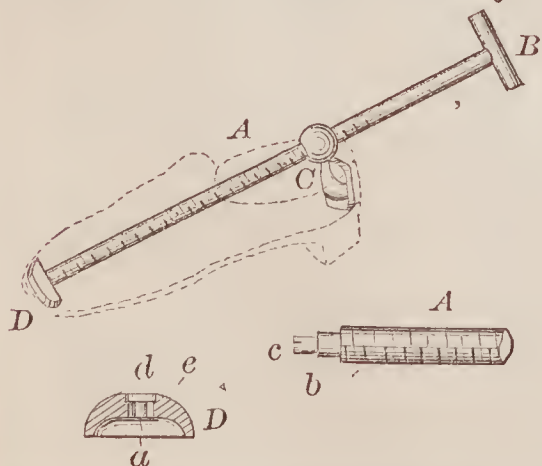
67308—F. W. Huxford—*Fence.*



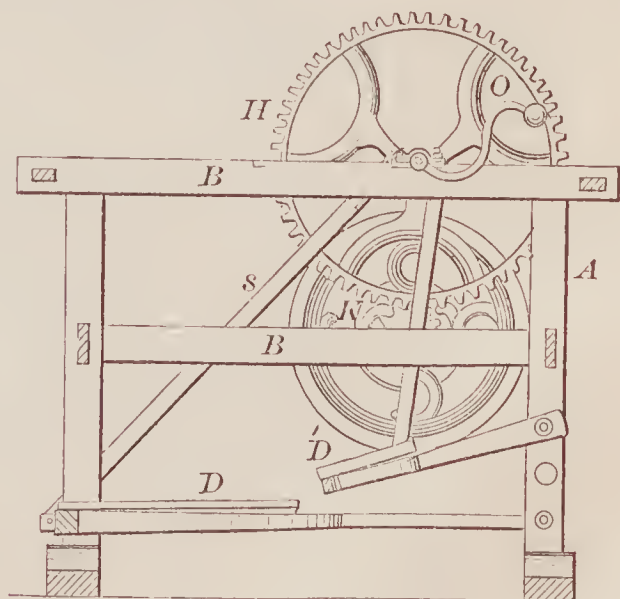
67311—W. R. Jamison—*Car Coupling.*



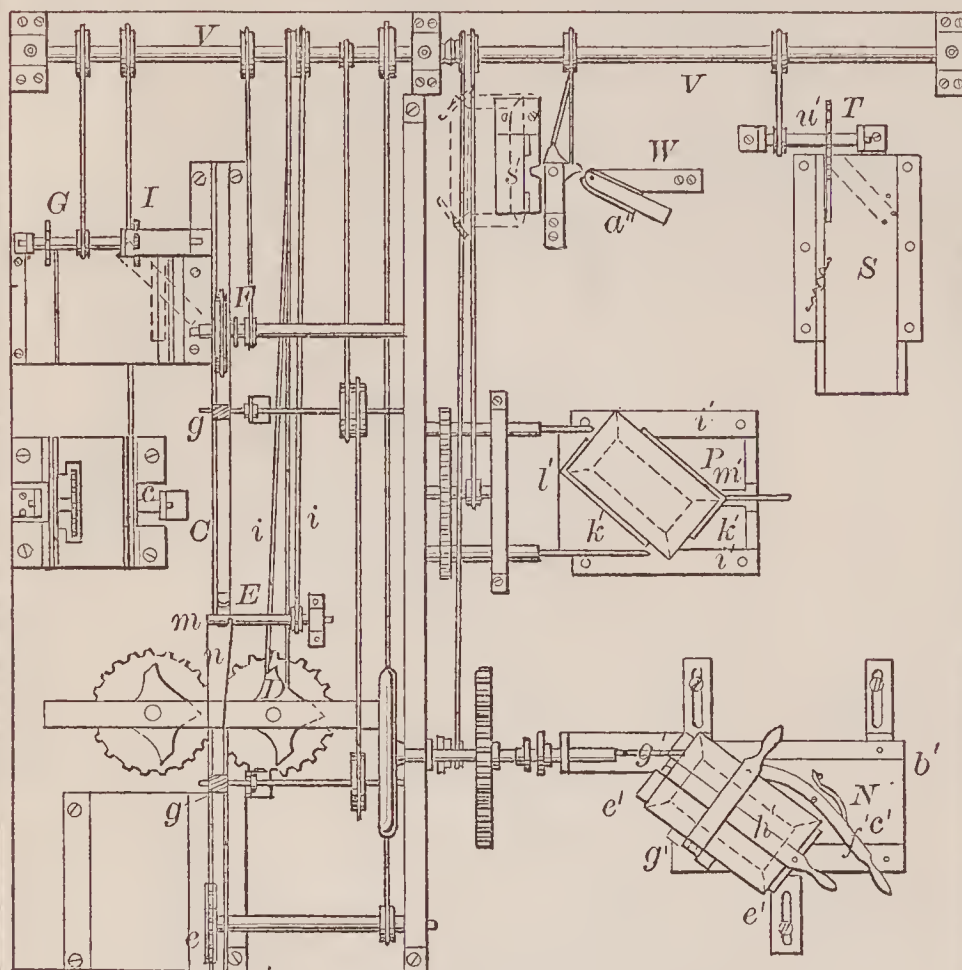
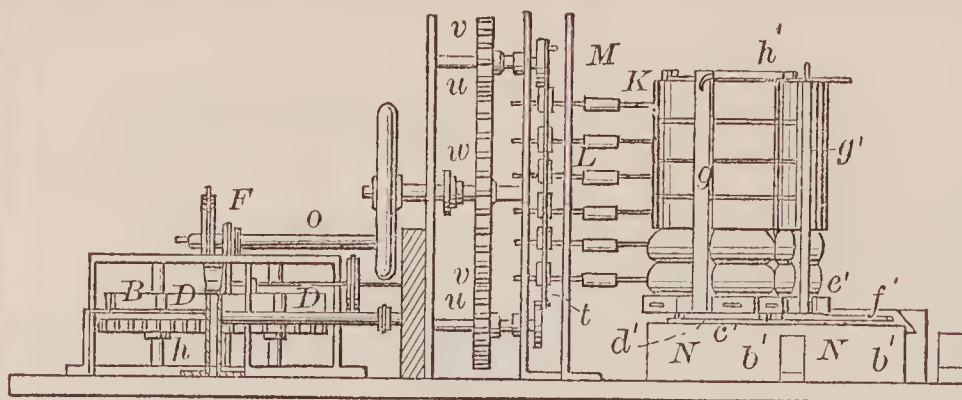
67314—W. Jones—*Shoe Stretching Device.*



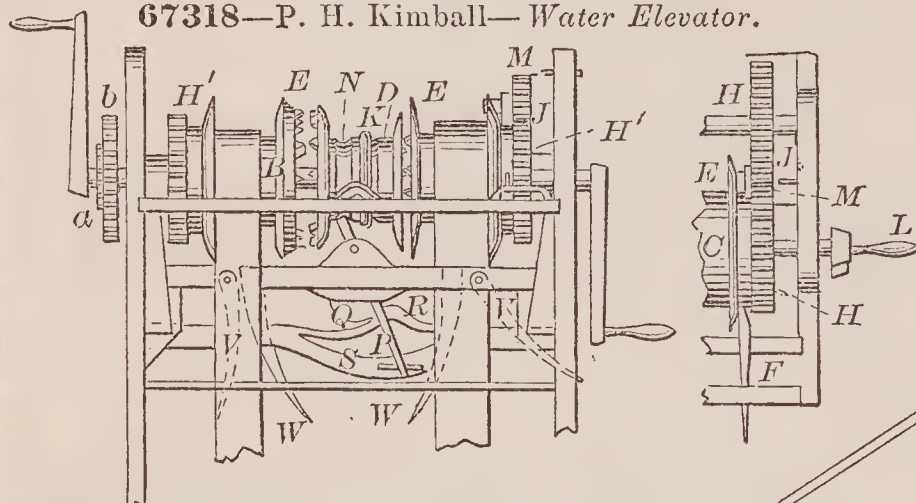
67315—Kenworthy & Silvers—*Manual Power Machine.*



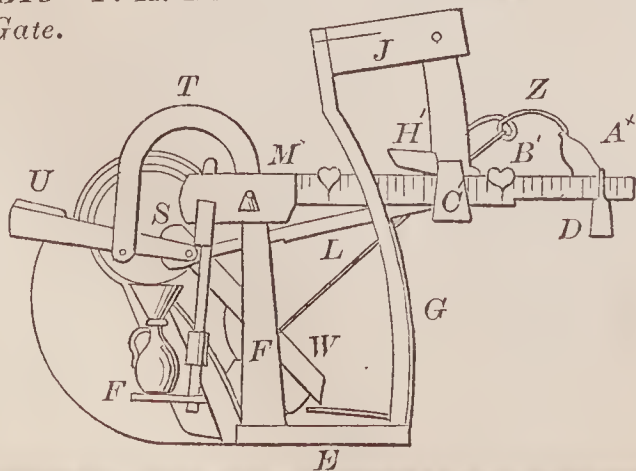
67316—W. Kester—*For Making Slate Frames.*



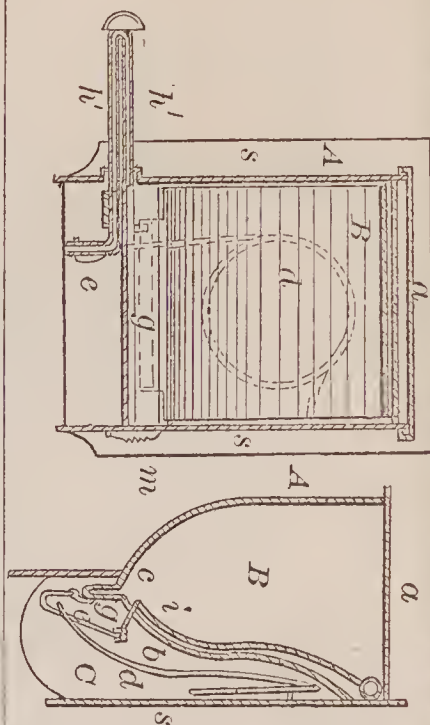
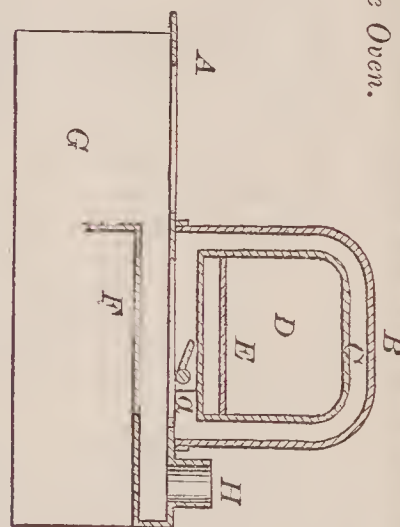
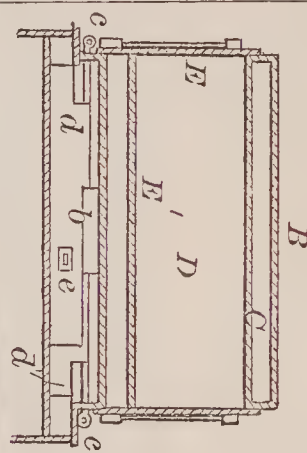
67318—P. H. Kimball—*Water Elevator.*



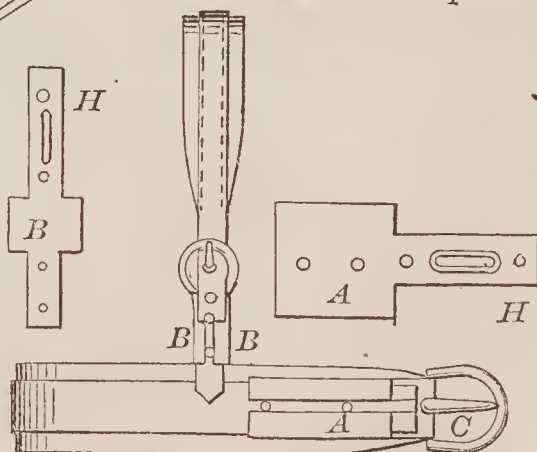
67319—P. H. Kimball—Automatic Molasses Gate.



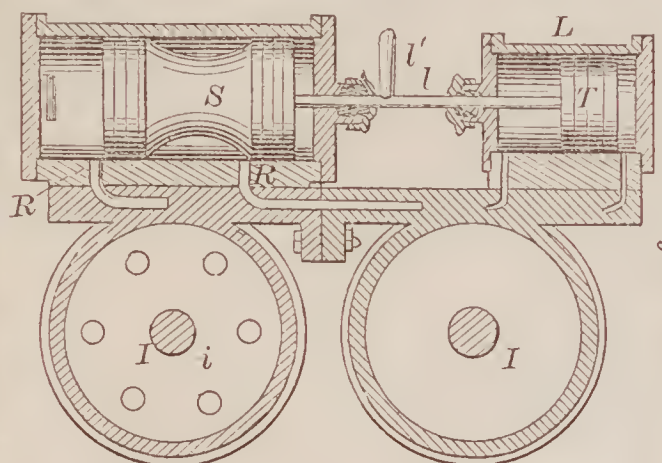
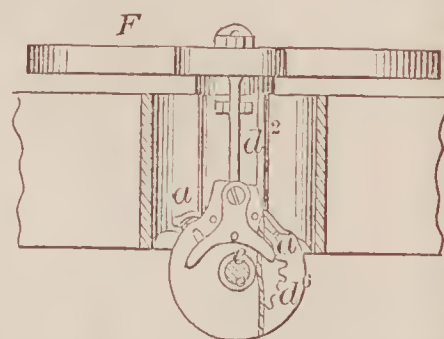
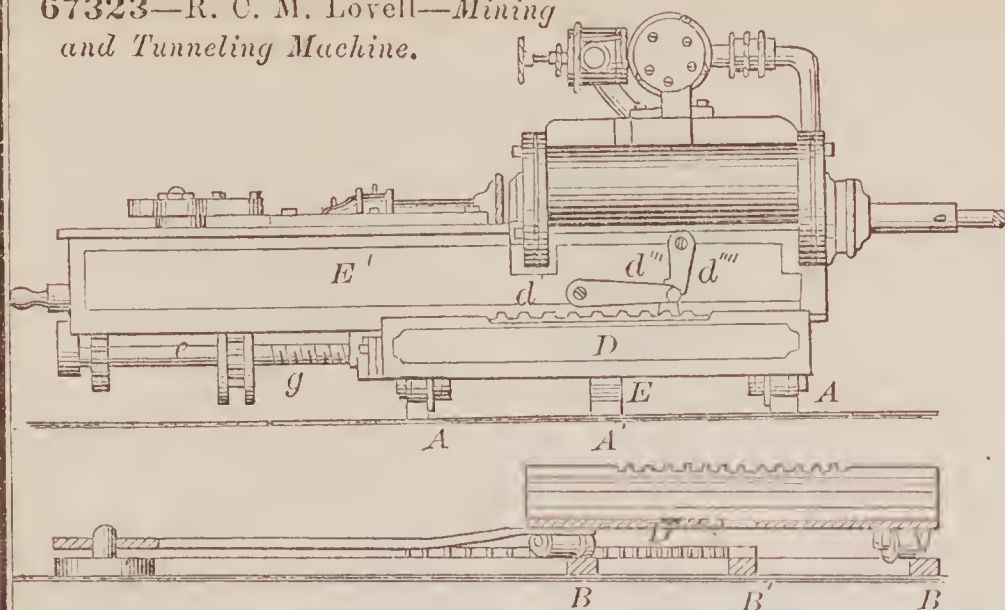
67317—Killin & Yates
Match Safe.

67321—M. H. Iceland—*Portable Oven.*

67322—C. H. Littlefield—
Metallic Loop.

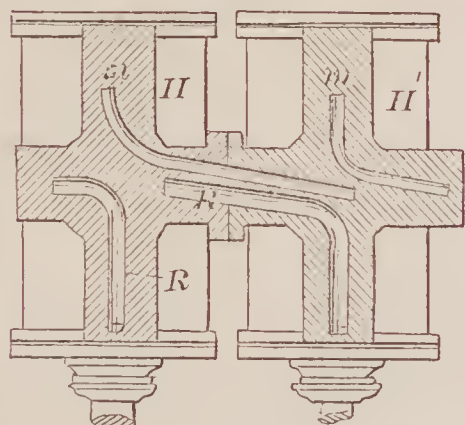
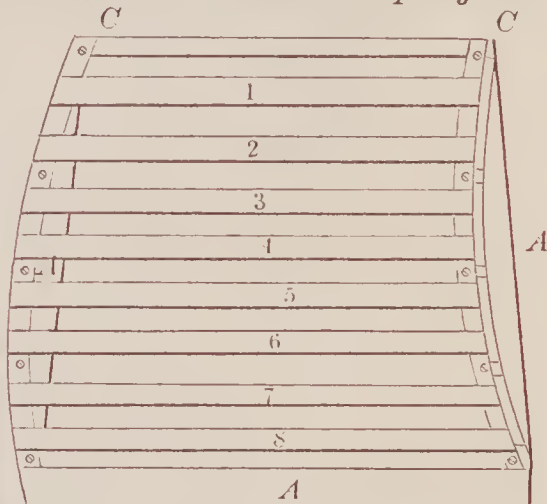


67323—R. C. M. Lovell—Mining and Tunneling Machine.

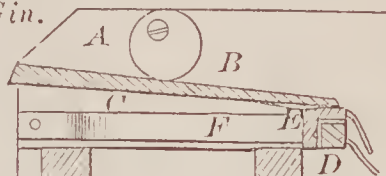


67324—R. C. M. Lovell—Steam Engine Valve.

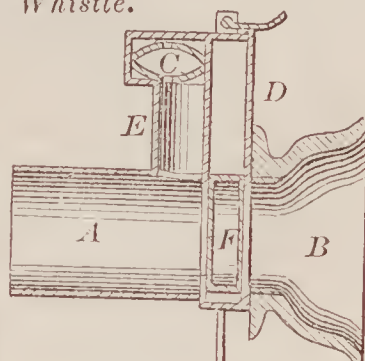
67326—J. I. Mabbett—Spring Seat.



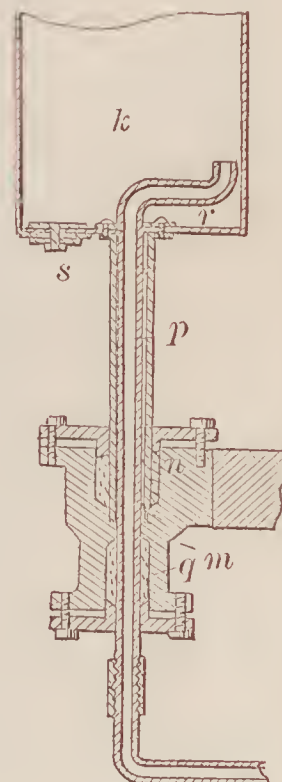
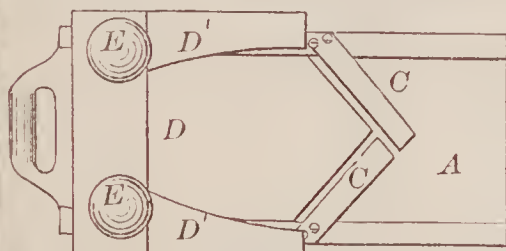
67327—F. McCarthy—Cotton Gin.



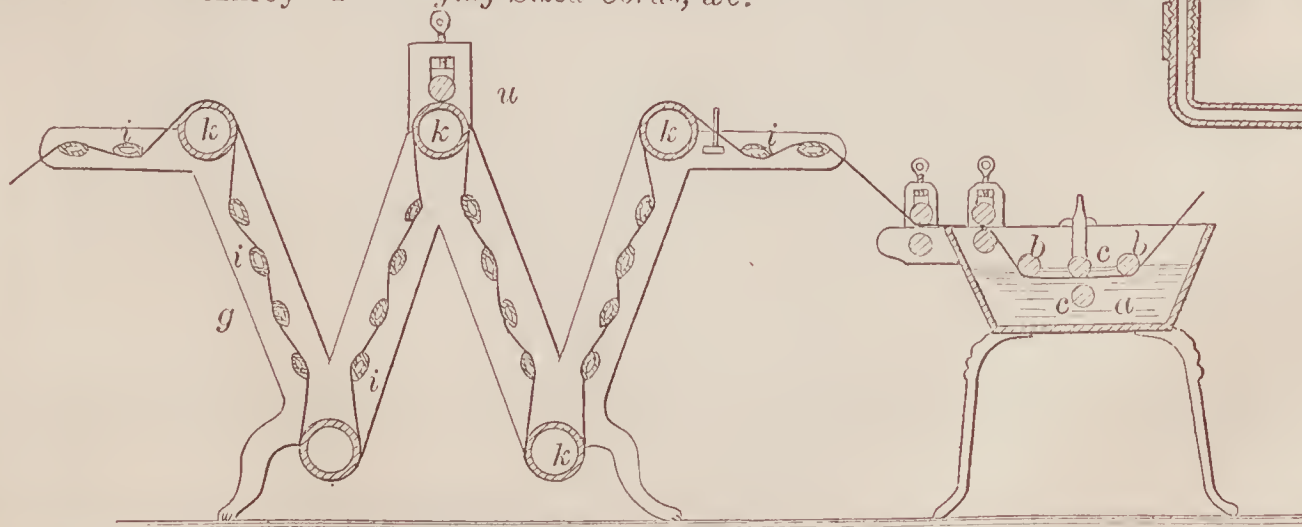
67329—W. J. McLea—Alarm Whistle.



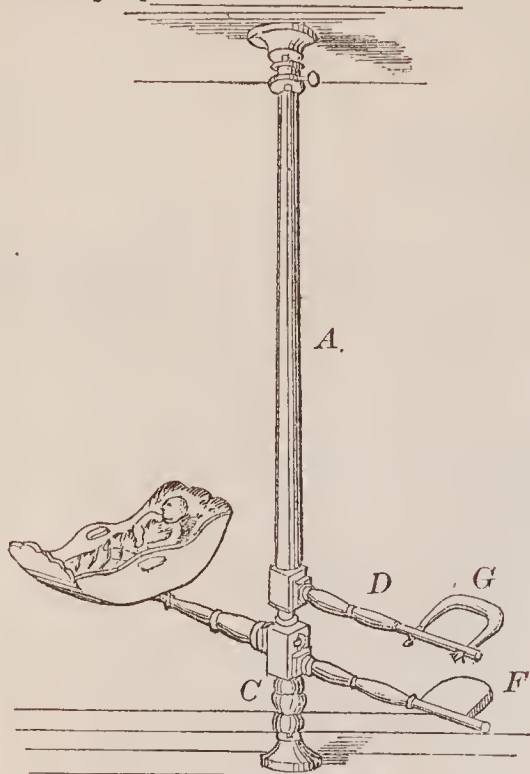
67325—J. Madden—Bread Cutter.



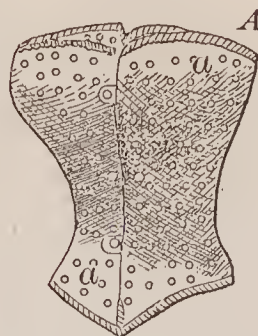
67328—D. McInroy—For Drying Sized Cords, &c.



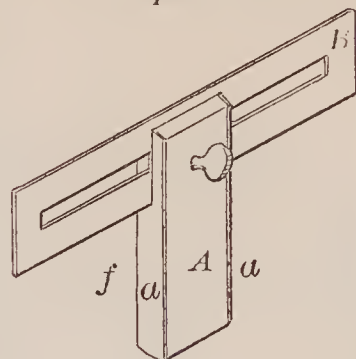
67331—W. M. Messick—*Circular Swinging Cradle and Baby Walker.*



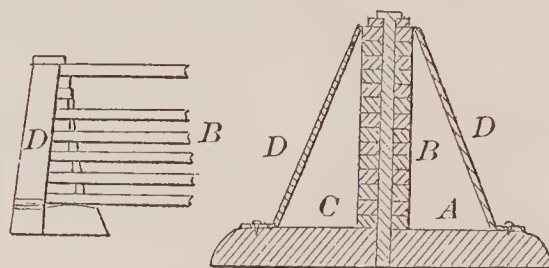
67333—W. Miller—*Corset.*



67338—J. Morass—*Square.*



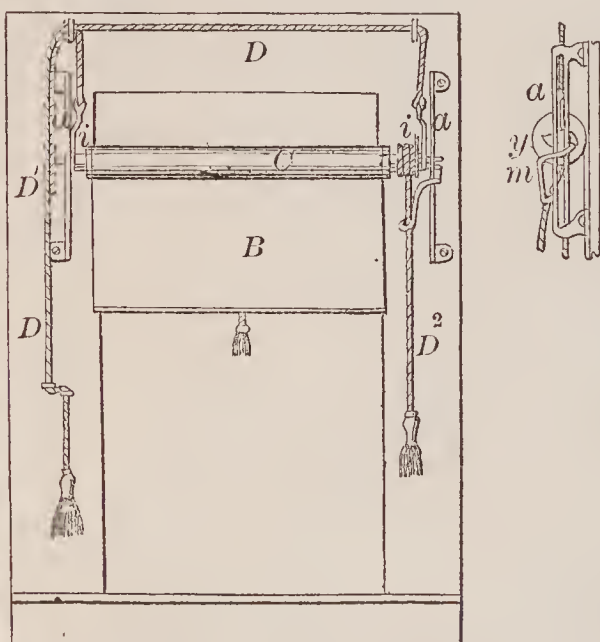
67332—W. A. Middleton—*Fence.*



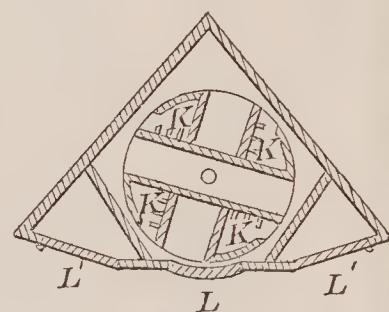
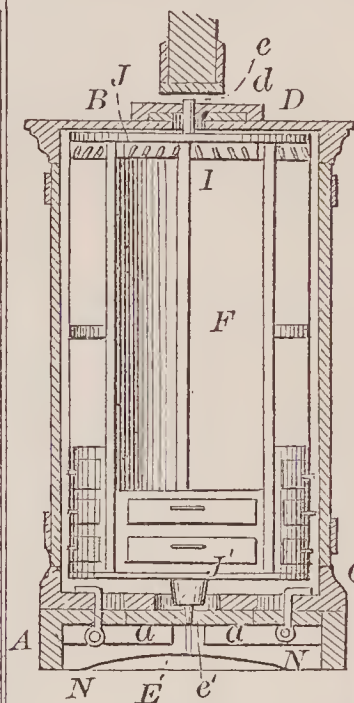
67334—J. F. Milligan—*Cotton Bale Tie.*



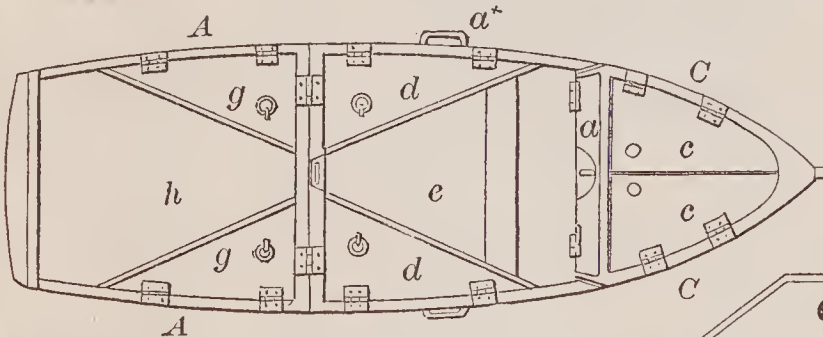
67337—D. G. Morgan—*Window Curtain.*



67339—I. Moser—*Wardrobe or Closet.*



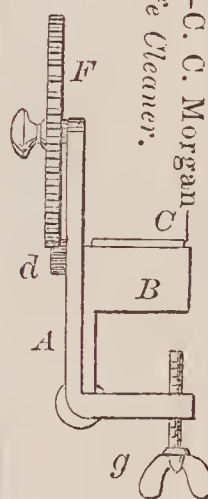
67342—J. A. Olmstead—*Boat and Trunk.*



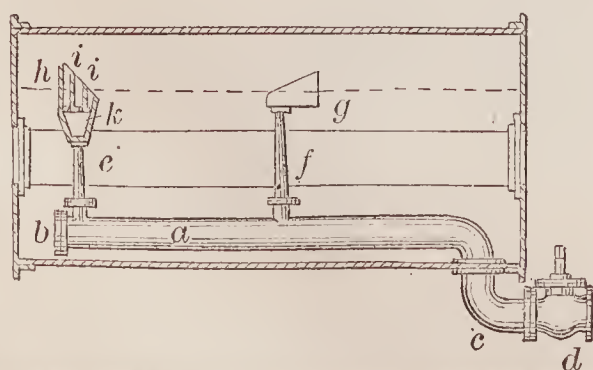
67341—J. W. Norcross—*Clothes Line Hook Block.*



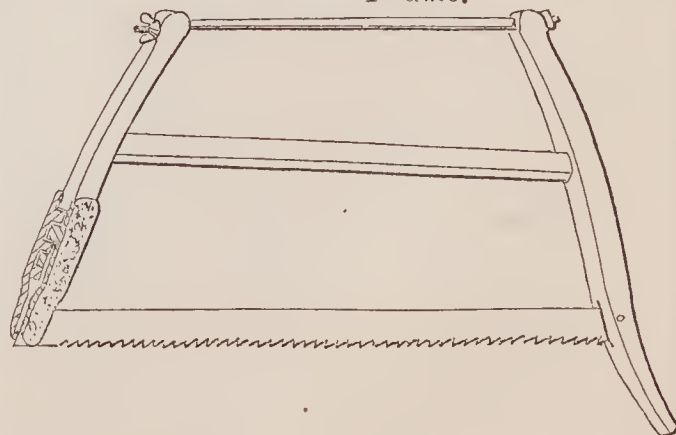
67336—C. C. Morgan—*Knife Cleaner.*



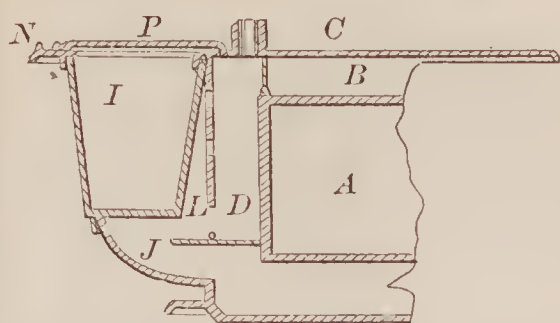
67340—R. Needham—*Steam Boiler.*



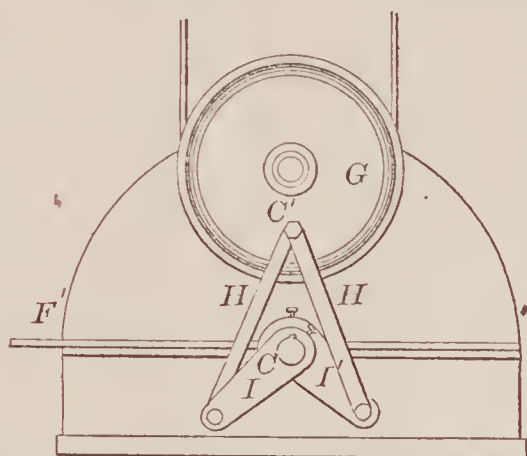
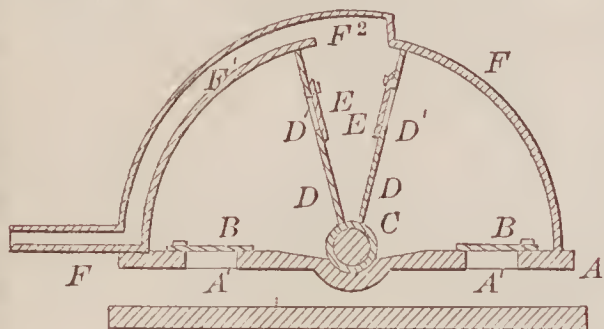
67343—S. Oppenheimer—*Buck Saw Frame.*



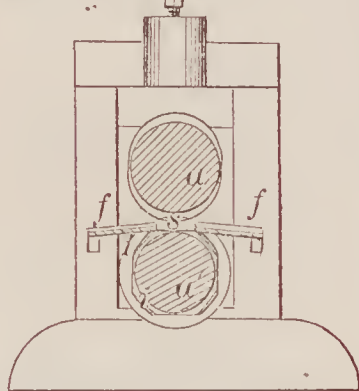
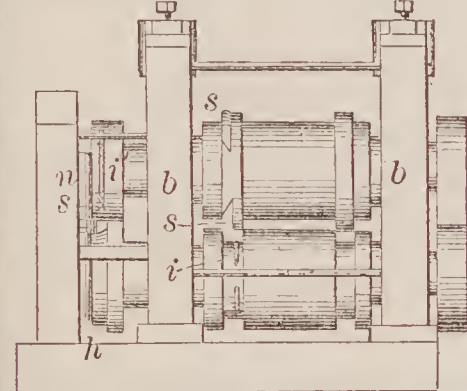
67344—D. E. Paris—Cooking Stove.



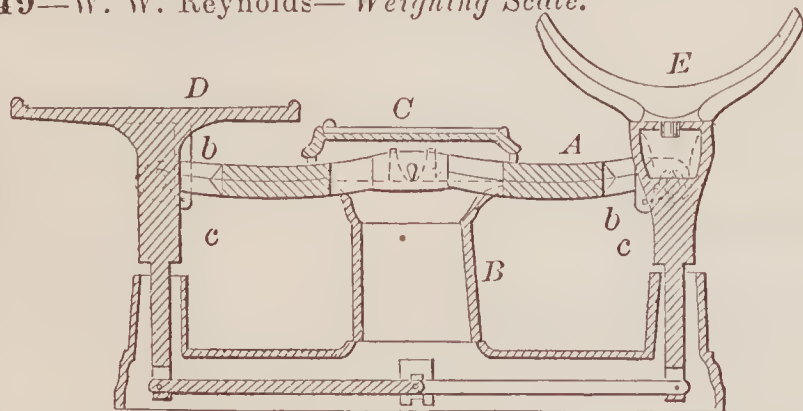
67345—W. A. Parmele—Blower.



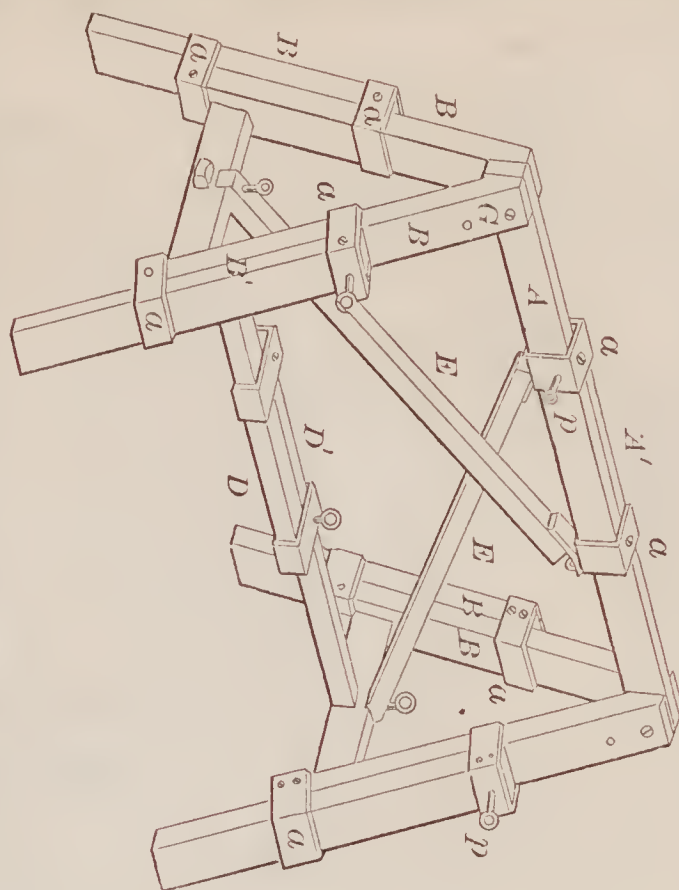
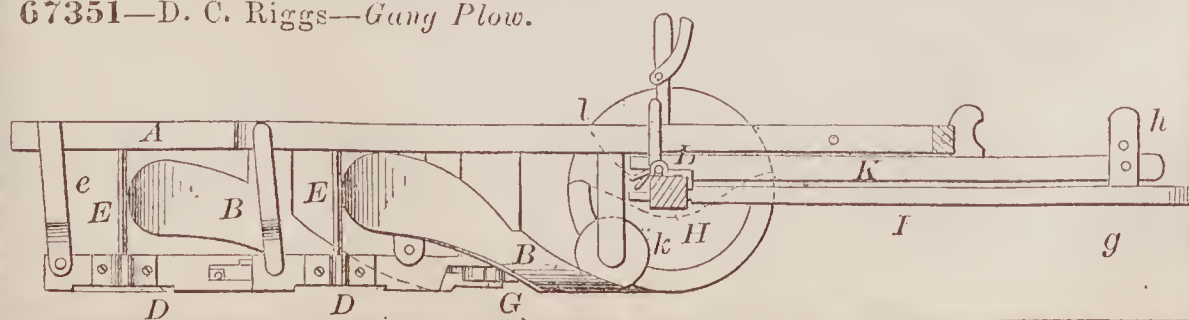
67348—A. Reese—For Rolling Horse Shoe Bars.



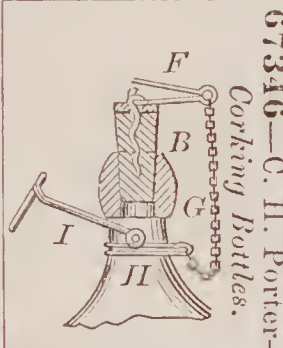
67349—W. W. Reynolds—Weighing Scale.



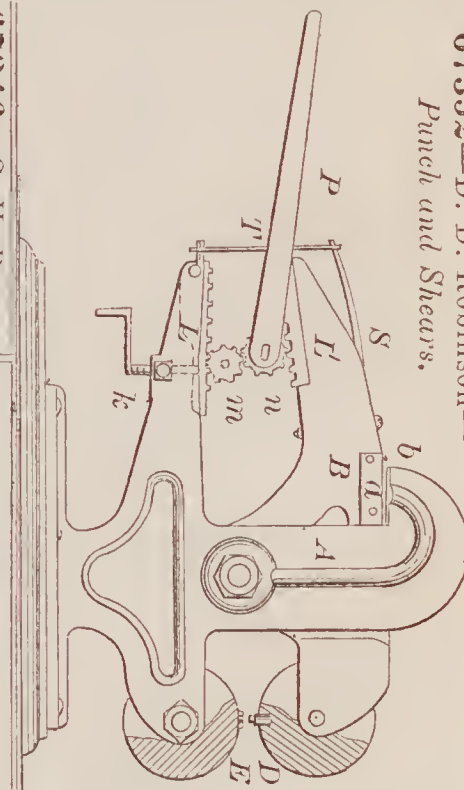
67351—D. C. Riggs—Gang Plow.



67347—J. Reef, Jr.—Trestle and Scaffold Supporter.



67346—C. H. Porter—Corking Bottles.

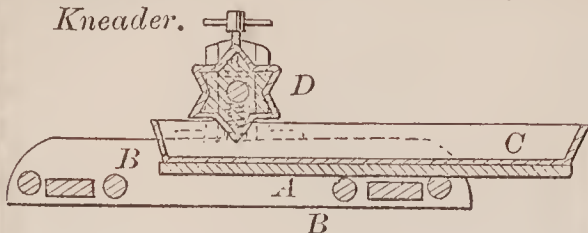


67352—D. D. Robinson—Punch and Shears.

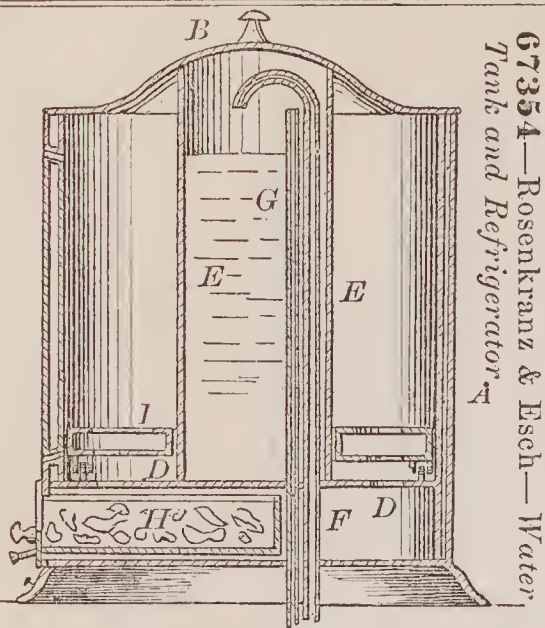
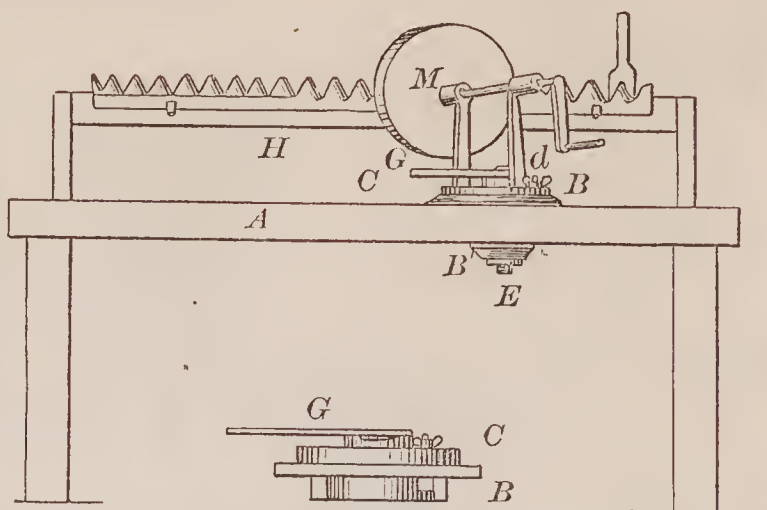


67350—W. H. Richardson—Manufacture of Iron.

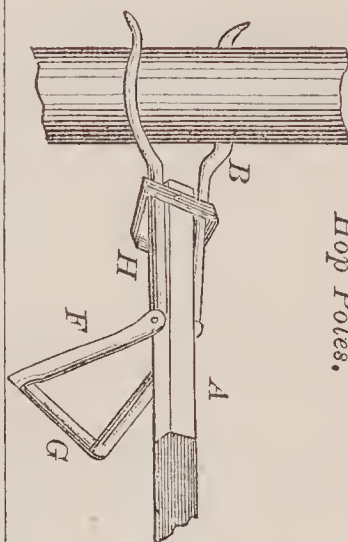
67353—P. W. Robinson—Dough Kneader.



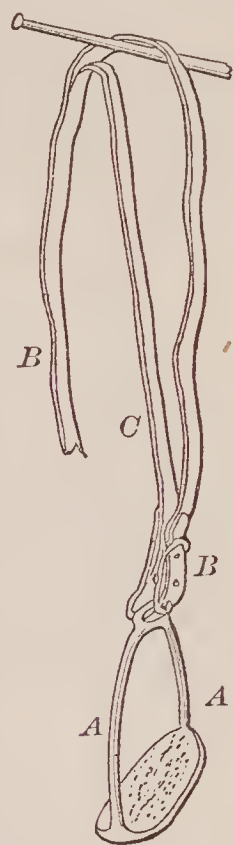
67355—E. M. Scott—For Grinding Reaper Knives.



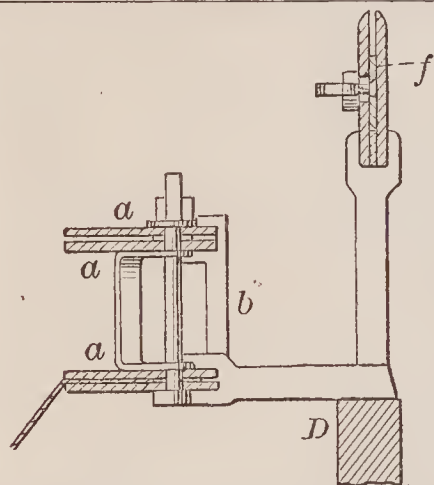
67354—Rosenkranz & Esch—Water Tank and Refrigerator.



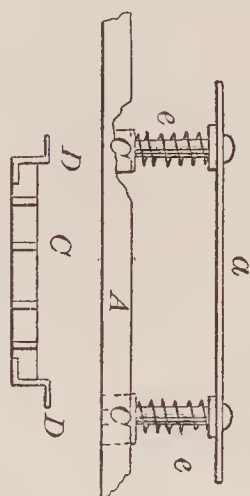
67365—W. Smith—For Pulling Hop Poles.



67357—P. Selby—Hanging Stirrups.

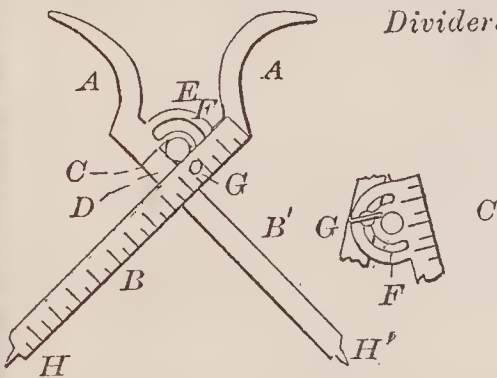


67358—W. Serviss—For Making Sheet Metal Pans.

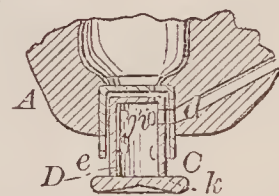


67362—E. Small—Bed Bottom.

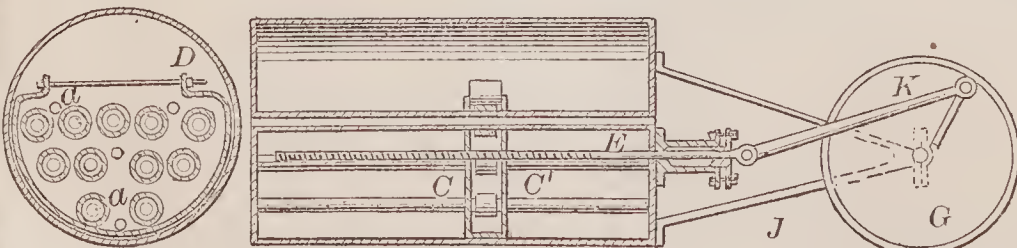
67360—L. Shelters—Calipers and Dividers.



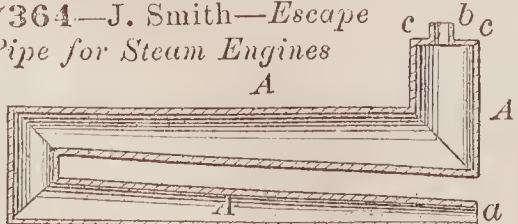
67356—C. E. Searles—Tobacco Pipe.



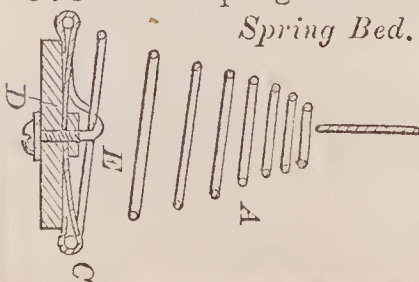
67361—W. P. Slensby—Boiler Cleaner.



67364—J. Smith—Escape Pipe for Steam Engines



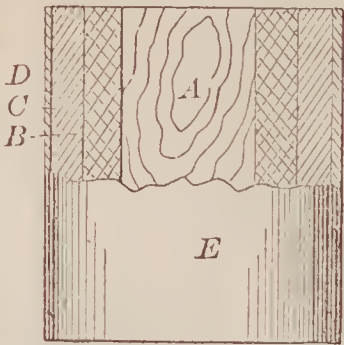
67359—Shapleigh & Colman—Spring Bed.



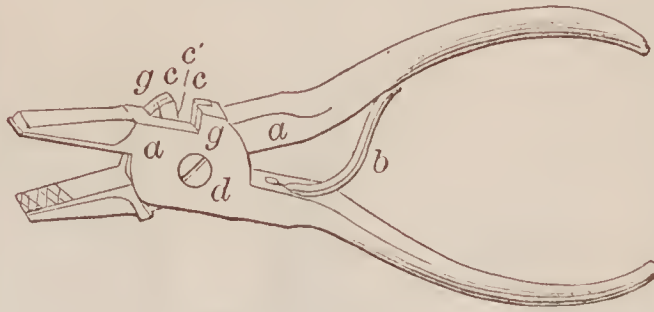
67363—Smith & Lumis—Window Blind.



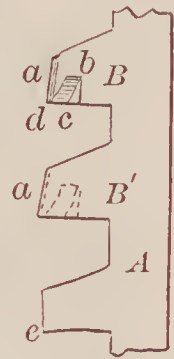
67366—W. H. Smith—*Preserving Wooden Piles.*



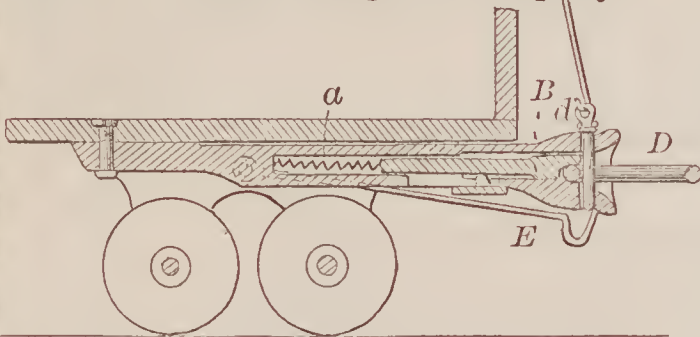
67370—W. X. Stephens—*Compound Tool.*



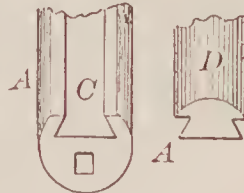
67369—W. R. Stephenson—*Saw.*



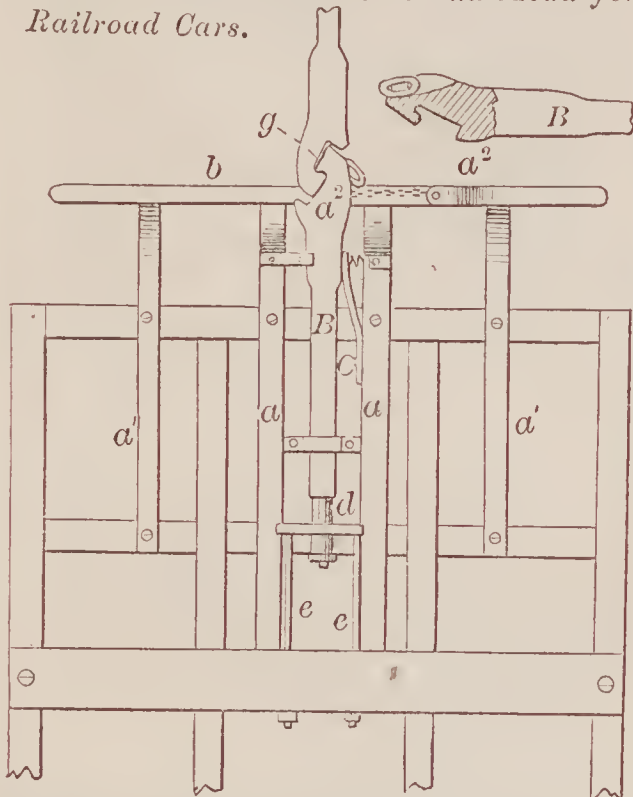
67367—P. H. Snelling—*Car Coupling.*



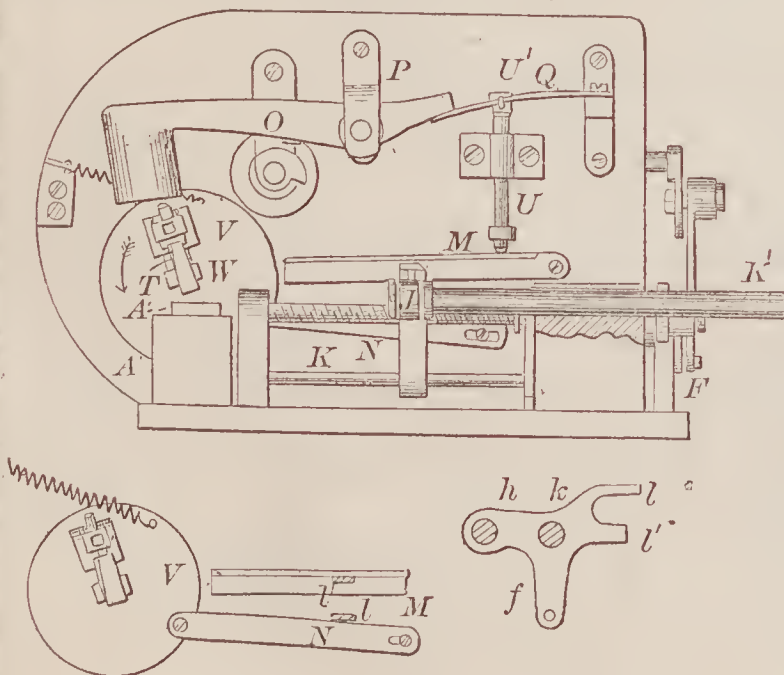
67371—
W. H. Stickel—*Prop Block for Carriage Tops.*



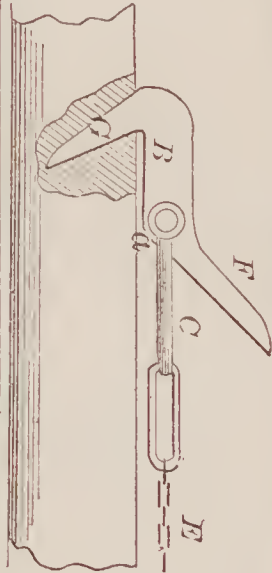
67368—W. S. Shortwell—*Draw Head for Railroad Cars.*



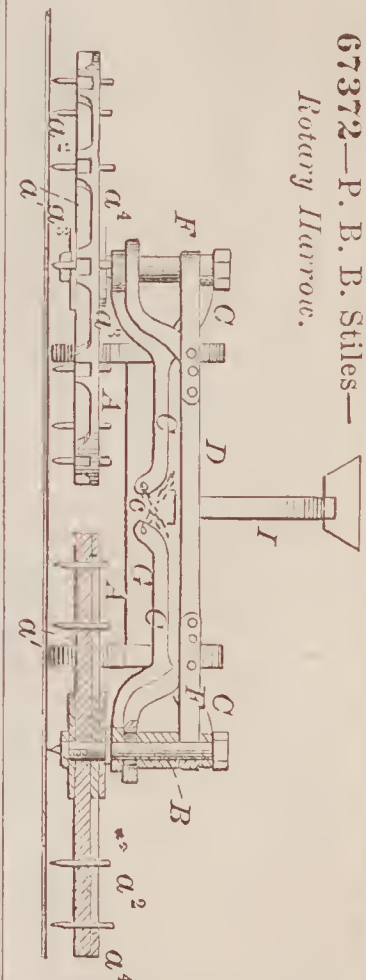
67374—S. A. Sutton—*For Cutting Files.*



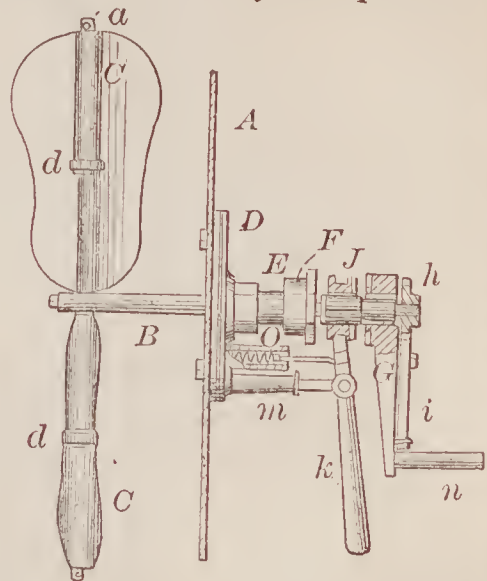
67375—S. Sykes—*Dog for Saw Logs.*



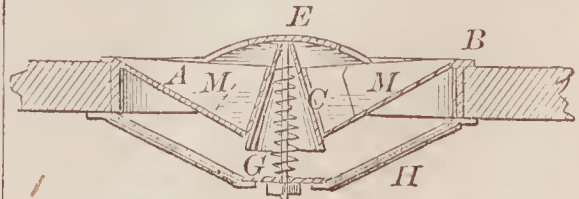
67372—P. B. B. Stiles—*Rotary Harrow.*

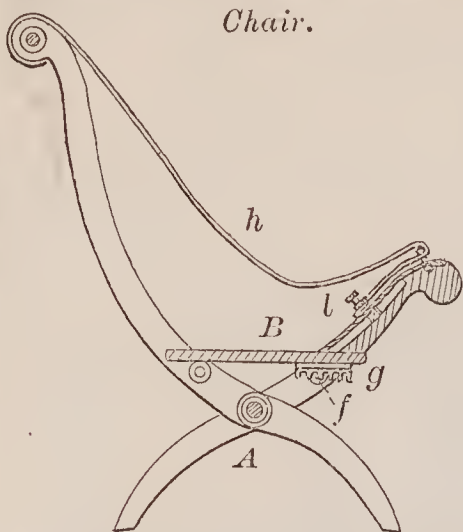
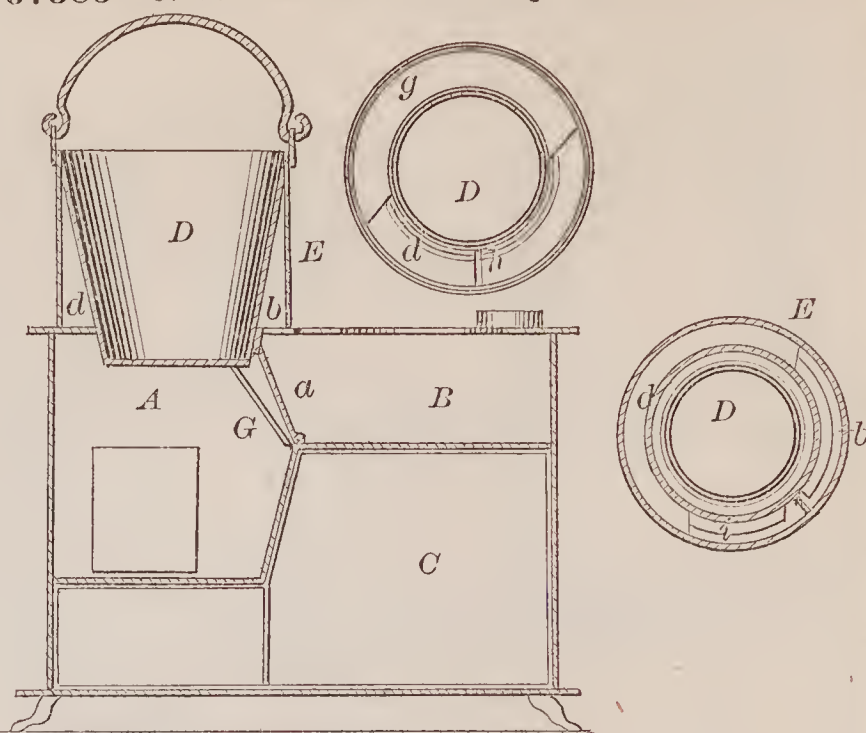
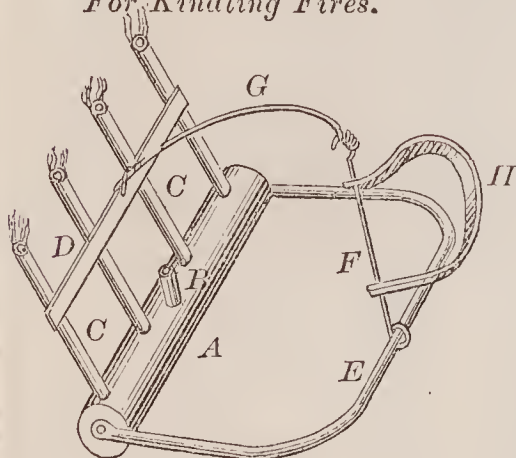
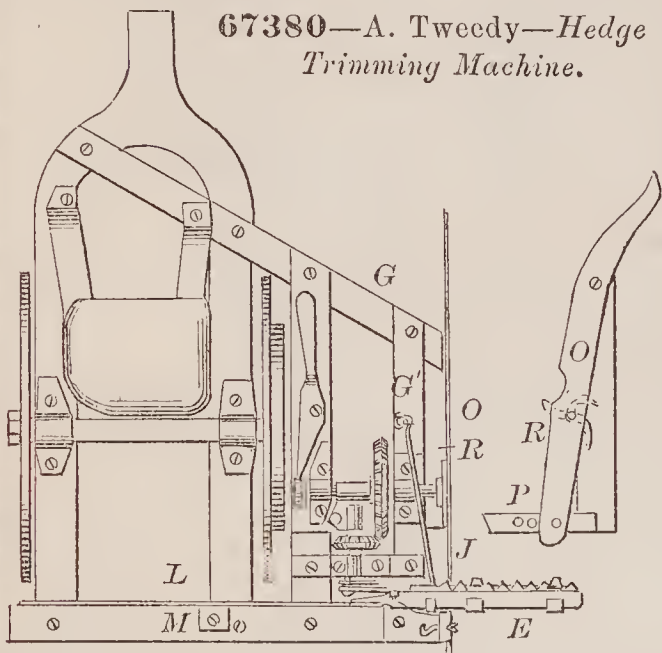
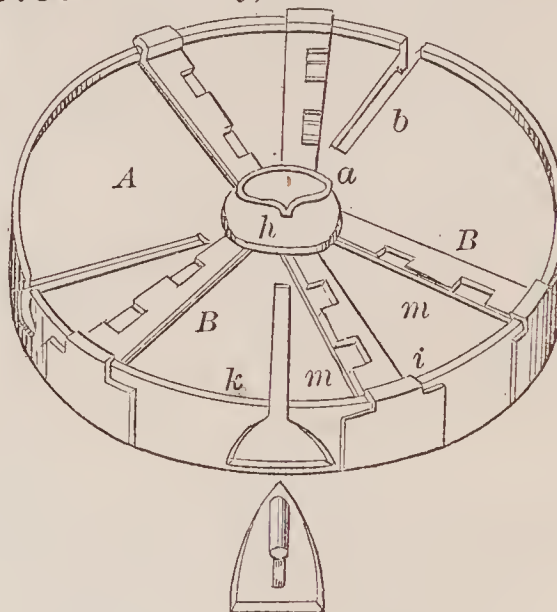
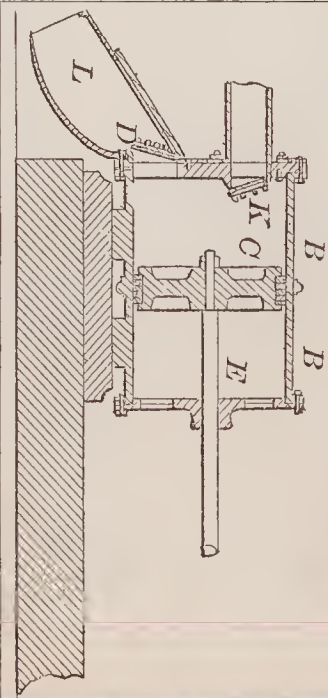
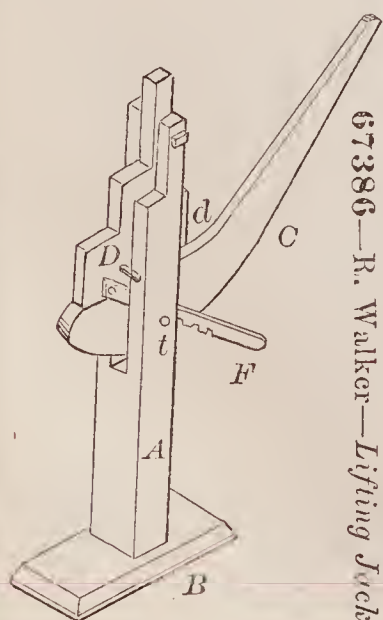
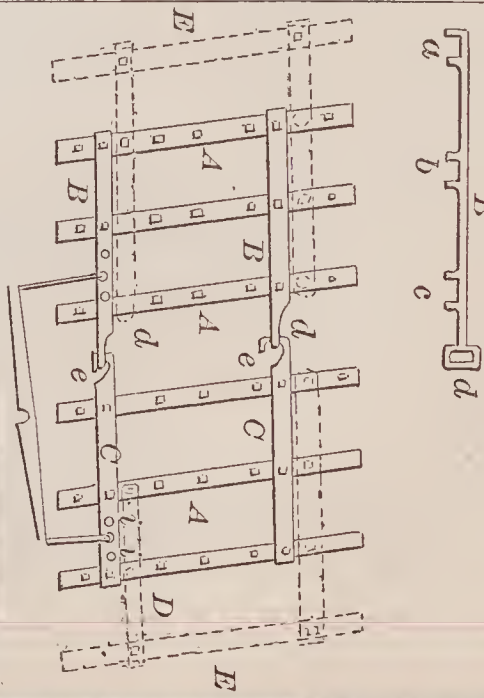


67376—C. E. Toley—*Propeller.*

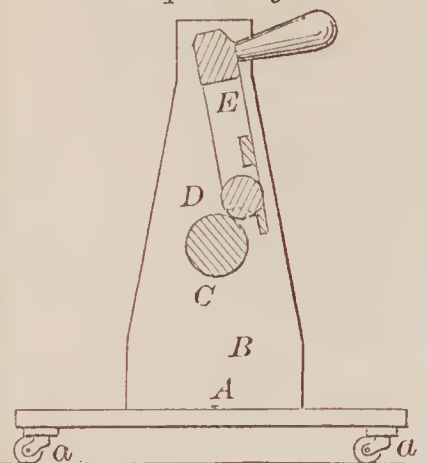


67377—M. Traver—*Spittoon for Railroad Cars.*

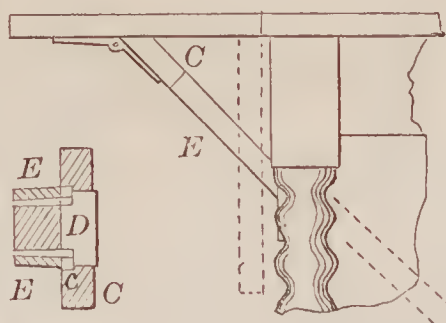


67378—G. Trinks—*Folding Chair.*67383—C. Van De Mark—*Cooking Stove.*67382—H. Van Ausdall—*For Kindling Fires.*67379—S. G. Tufts—*Harness Hames.*67380—A. Tweedy—*Hedge Trimming Machine.*67381—D. Utley, 2d—*Sad Iron Heater.*67384—J. L. Vergniais—*Drying Machine.*67386—R. Walker—*Lifting Jack.*67387—J. Walsh—*Harrow.*

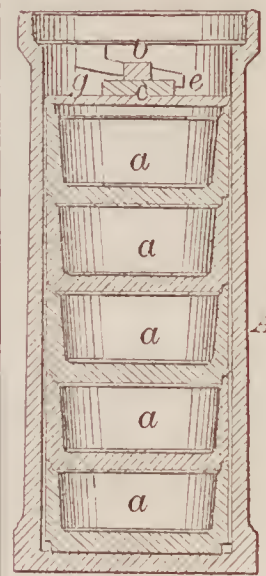
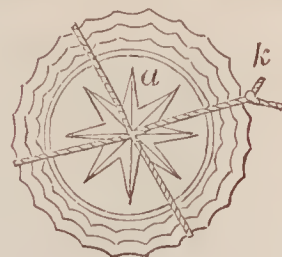
67388—C. E. Wareham—*Mop Wringer.*



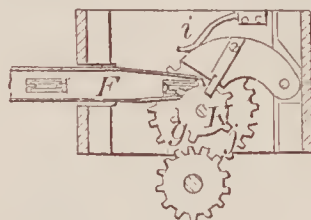
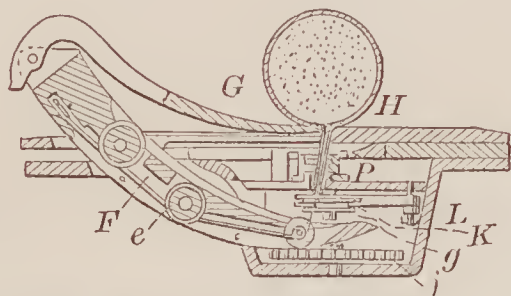
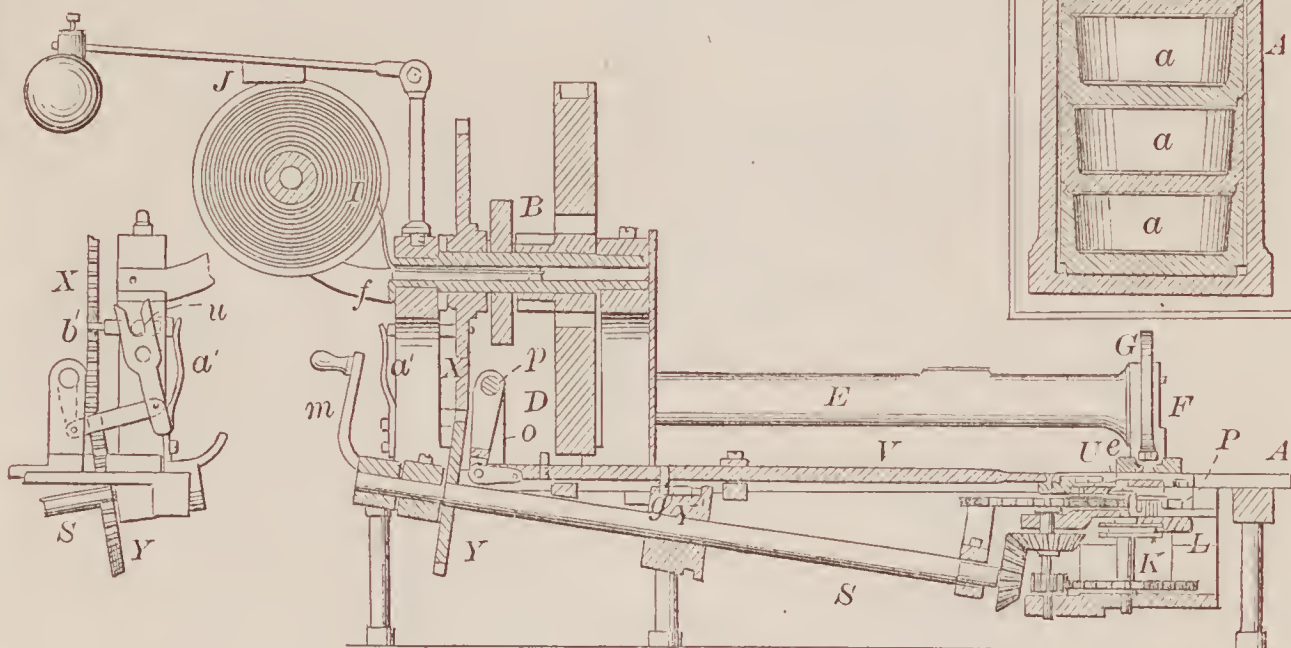
67390—W. Whitworth—*Table Leaf Support.*



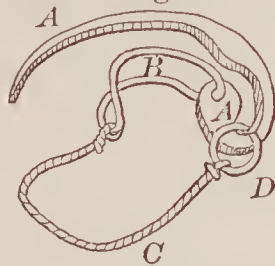
67391—J. Wilcox—*Putting up and Preserving Butter.*



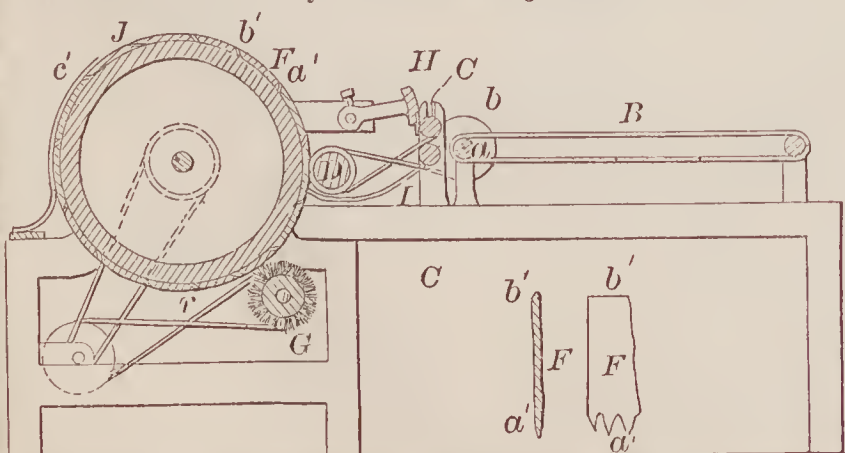
67389—G. Warner—*Grain Binder.*



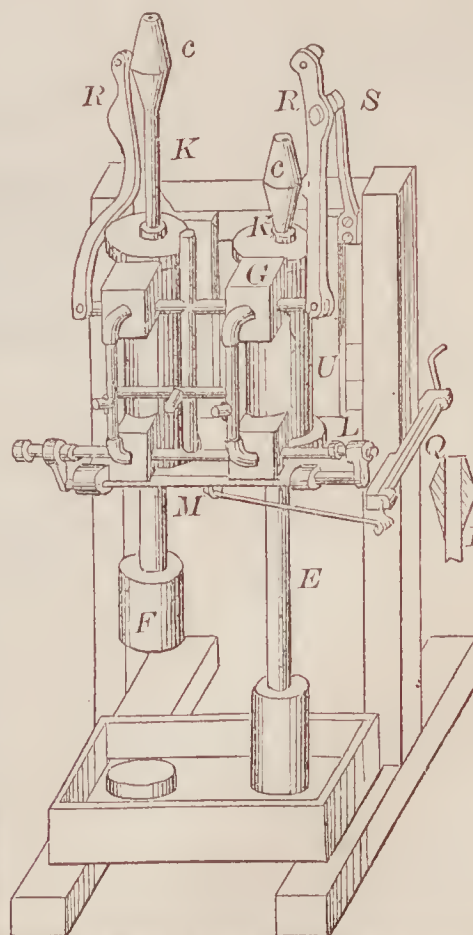
67393—A. M. Wright—*Bag Fastener.*

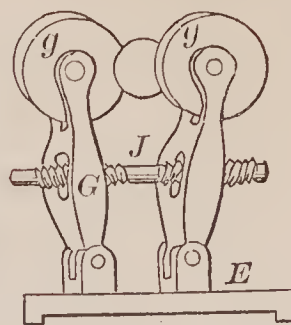
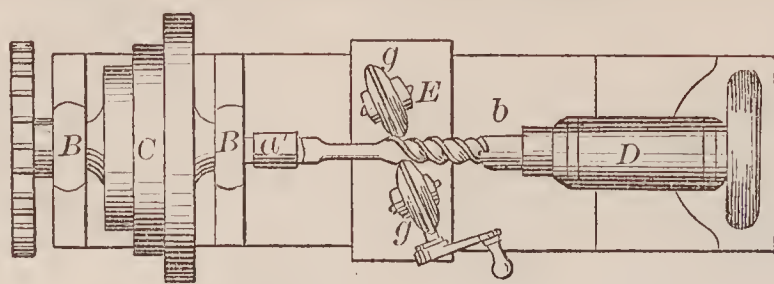
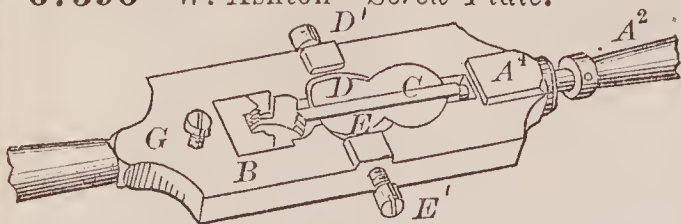
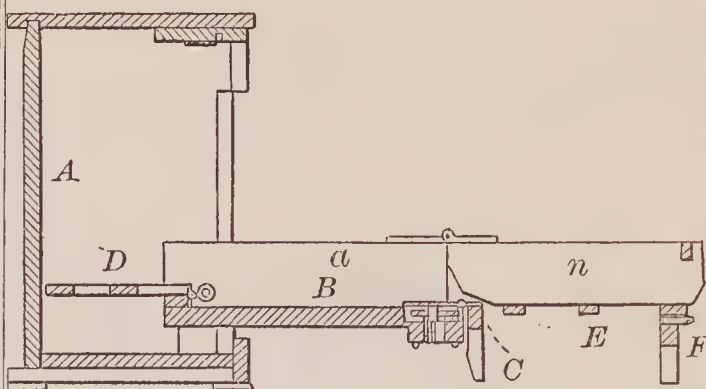
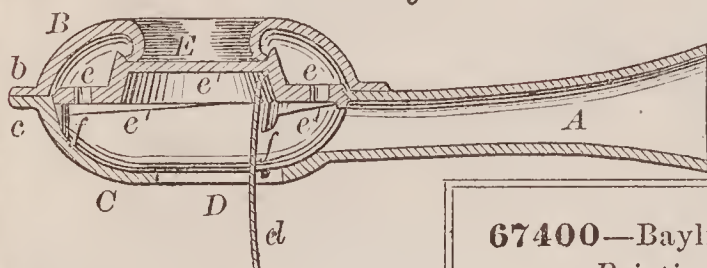
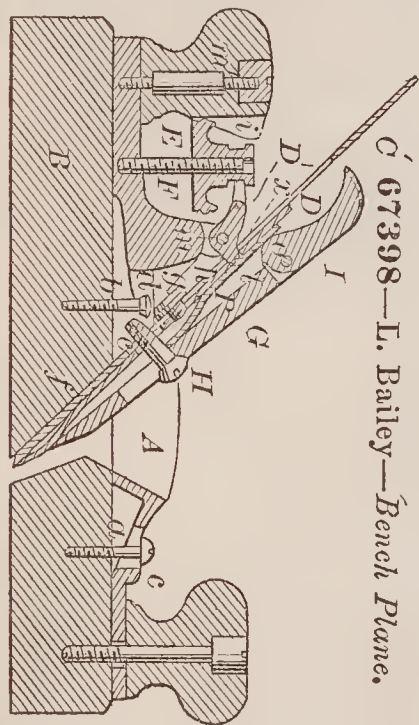
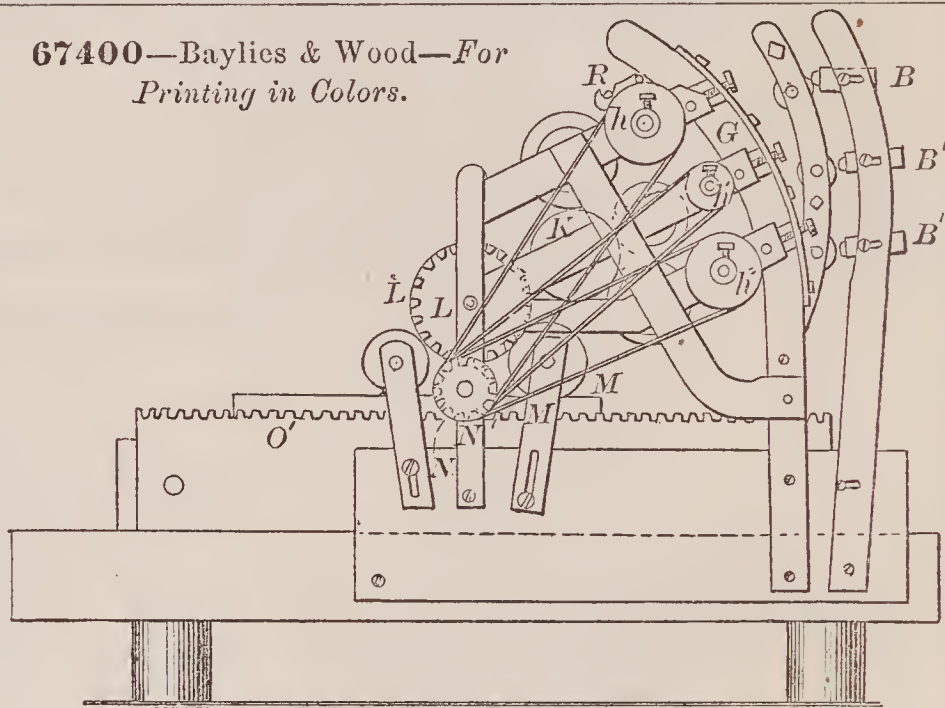
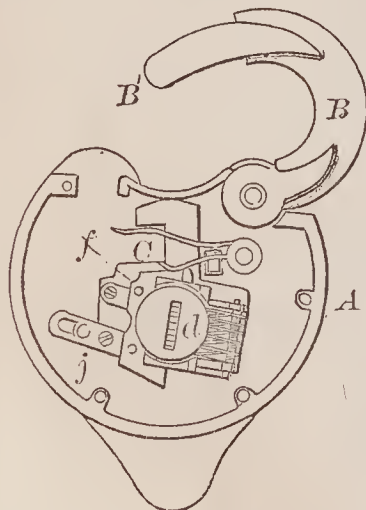
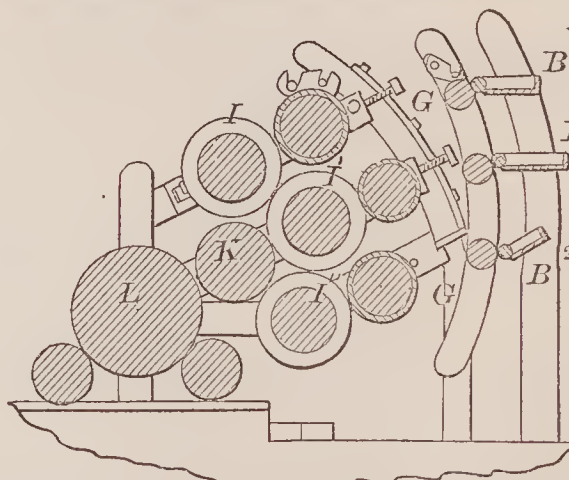
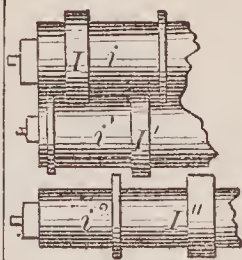
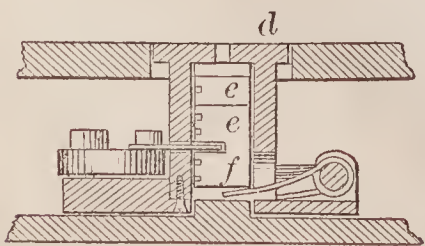
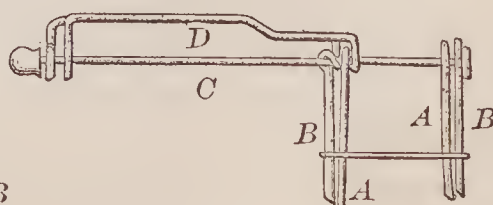
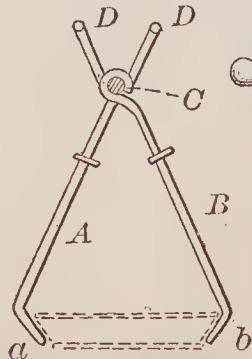


67394—R. J. Clay—*For Barring Wool.*

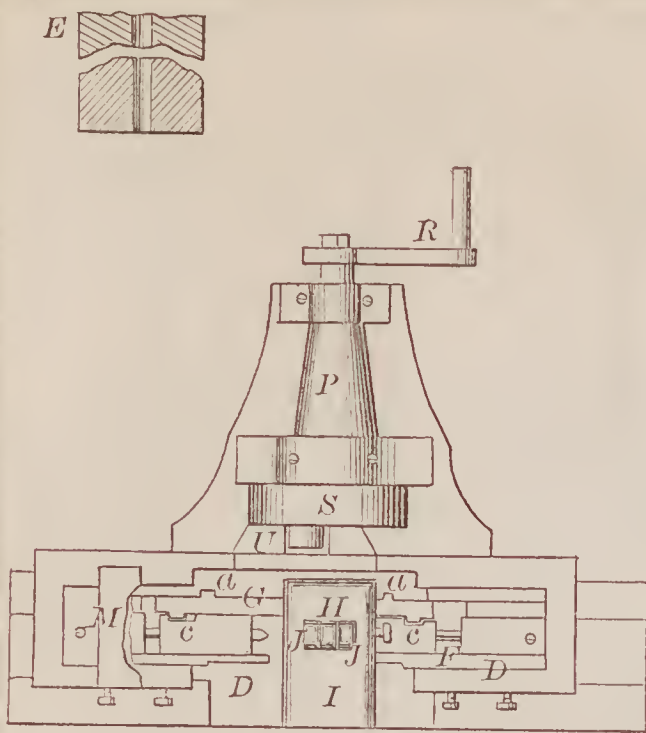


67392—F. R. Wilson—*Valve Gear.*

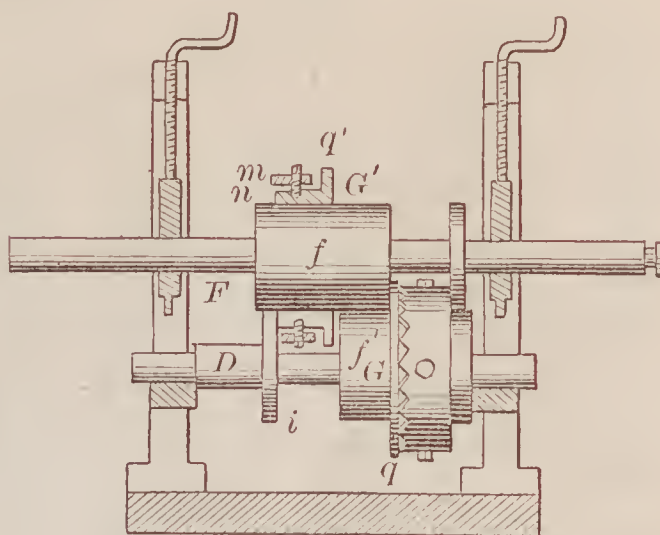


67395—Aldrich & Evans—*For Twisting Augers.*67396—W. Ashton—*Screw Plate.*67397—W. K. Bacall—*Bedstead.*67399—W. W. Ball—*Tuyere.*67400—Baylies & Wood—*For Printing in Colors.*67398—L. Bailey—*Bench Plane.*67401—W. Bohannan—*Padlock.*67402—C. F. Bosworth—*Plate Lifter.*

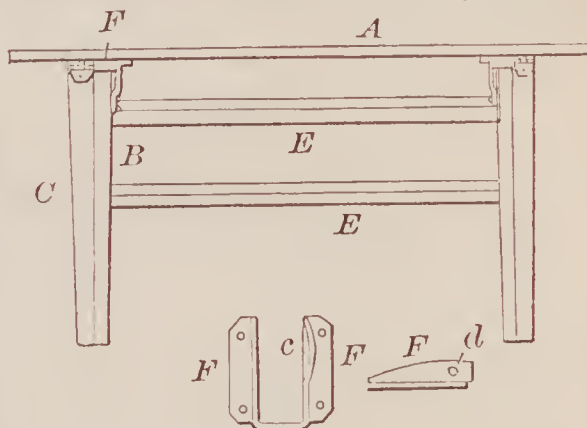
67403—J. R. Bridges—*For Making Nuts.*



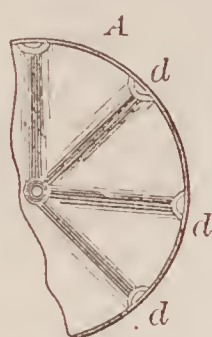
67404—P. Bright—*Rolling Mill.*



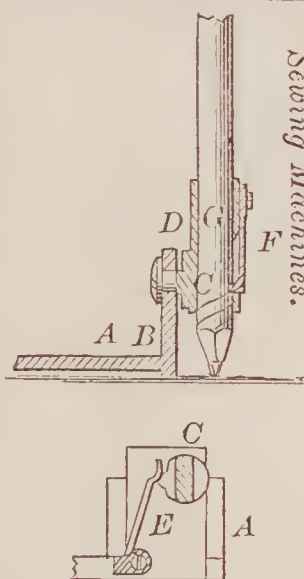
67406—J. P. Brown—*Folding Table.*



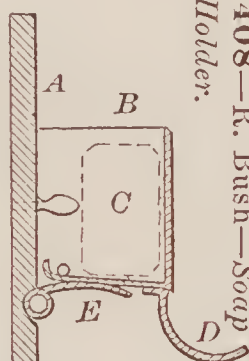
67405—J. Brown—*Umbrella.*



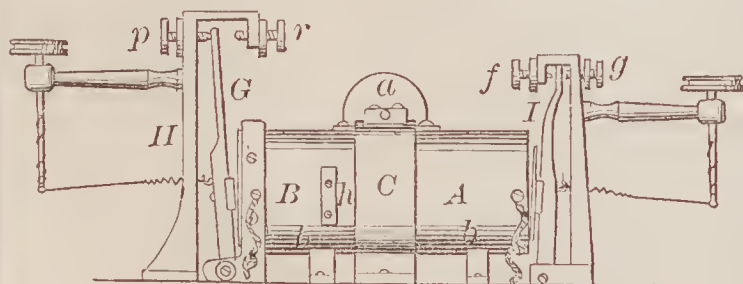
67407—S. F. Brown—*Marker for Sewing Machines.*



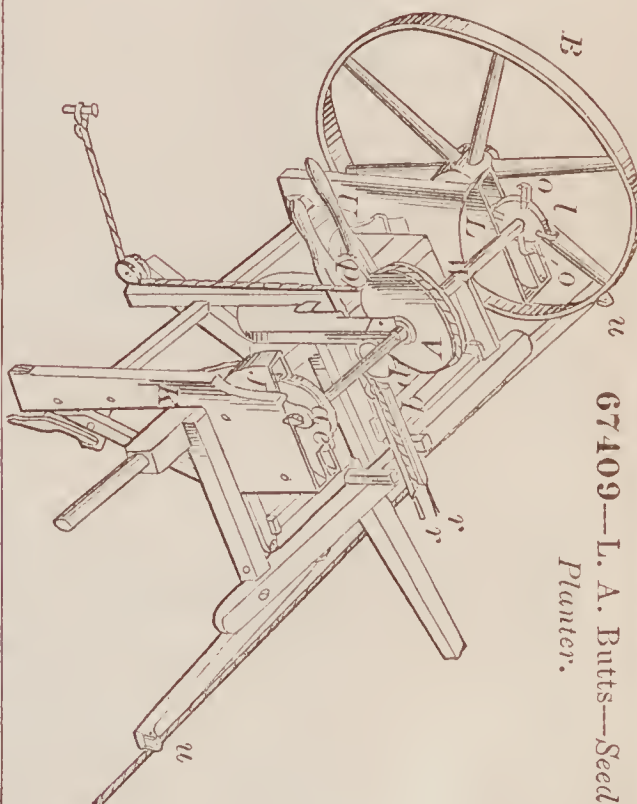
67408—R. Bush—*Soup Holder.*



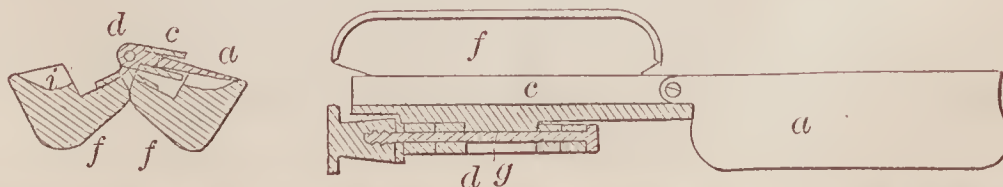
67410—S. G. Cabell—*Telegraphic Instrument.*



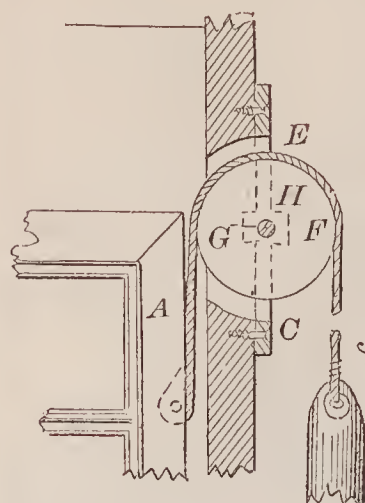
67409—L. A. Butts—*Seed Planter.*



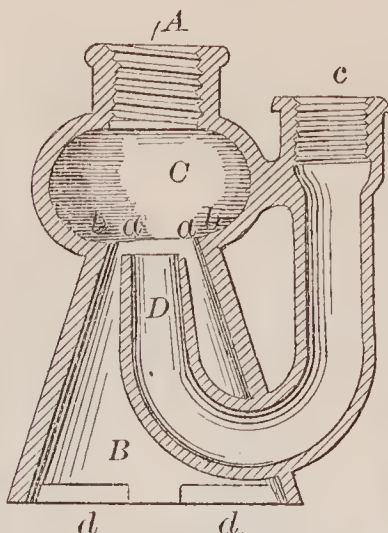
67411—G. Carr—*Razor.*



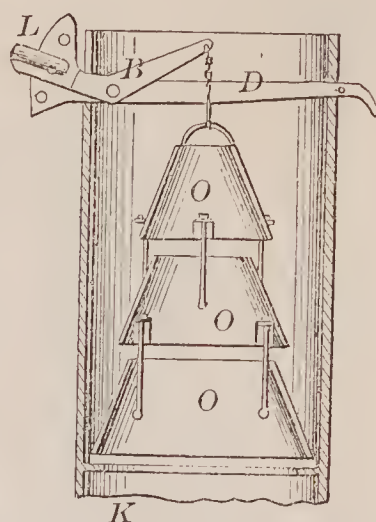
67412—H. Cash—Sash Pulley.



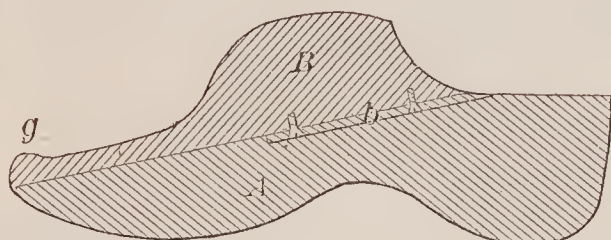
67413—N. L. Chappell—Steam Ejector.



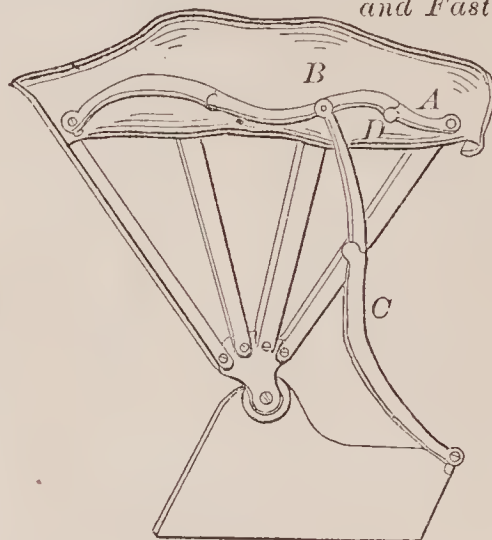
67415—Cox & Potter—Stove Pipe Damper.



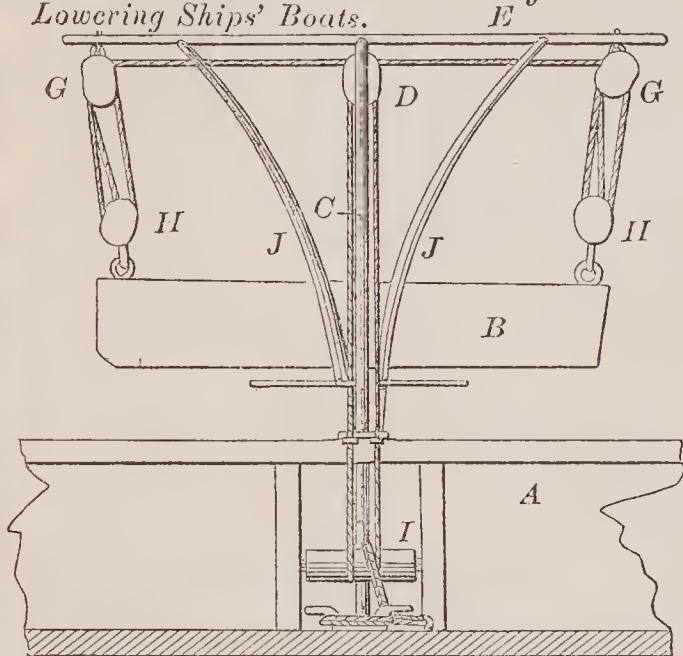
67414—A. W. Cheever—Last.



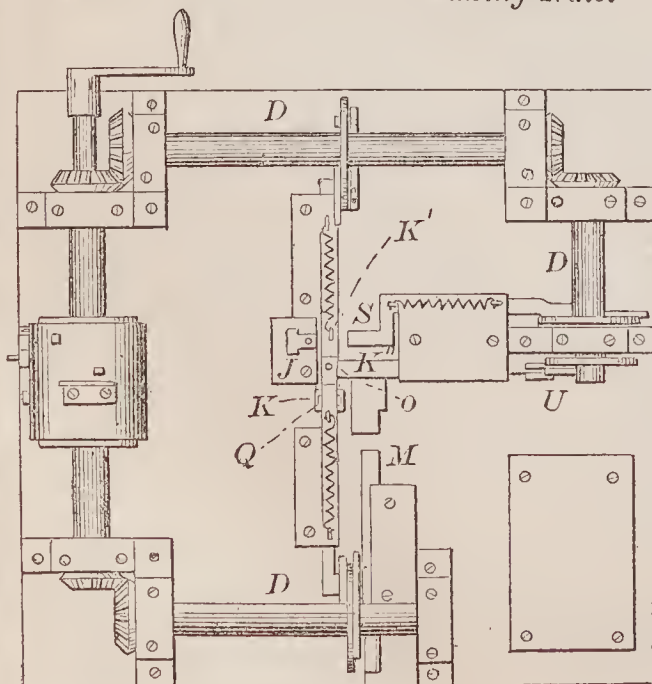
67418—H. M. Curtis—Buggy Top Joint and Fastening.



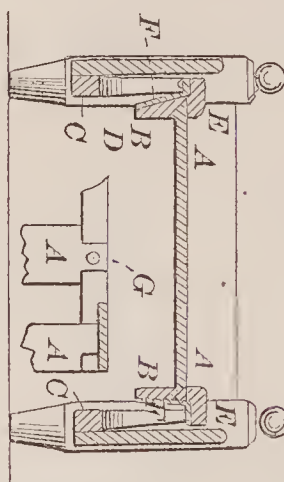
67419—W. A. Devon—For Raising and Lowering Ships' Boats.



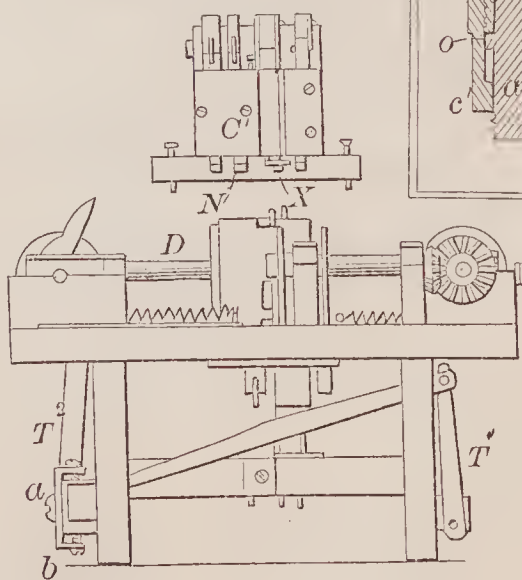
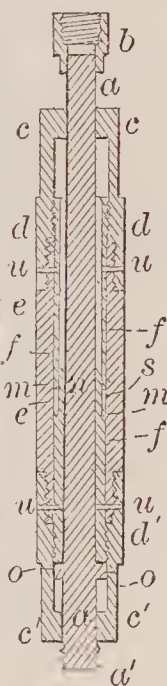
67421—G. Dunham—For Making Nuts.



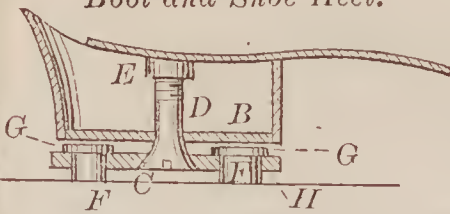
67420—H. Doebele—Bed Bottom.



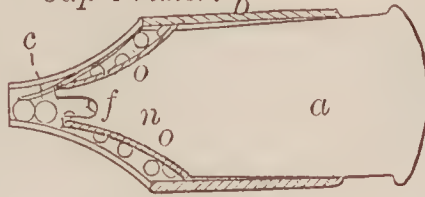
67417—F. A. Cramblitt—Pump Piston.



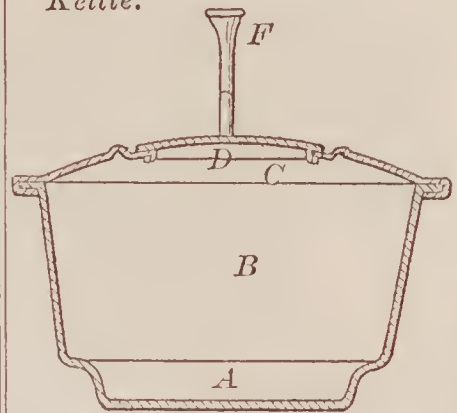
67422—Dyer & Drake—
Boot and Shoe Heel.



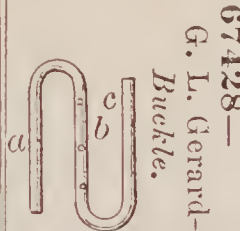
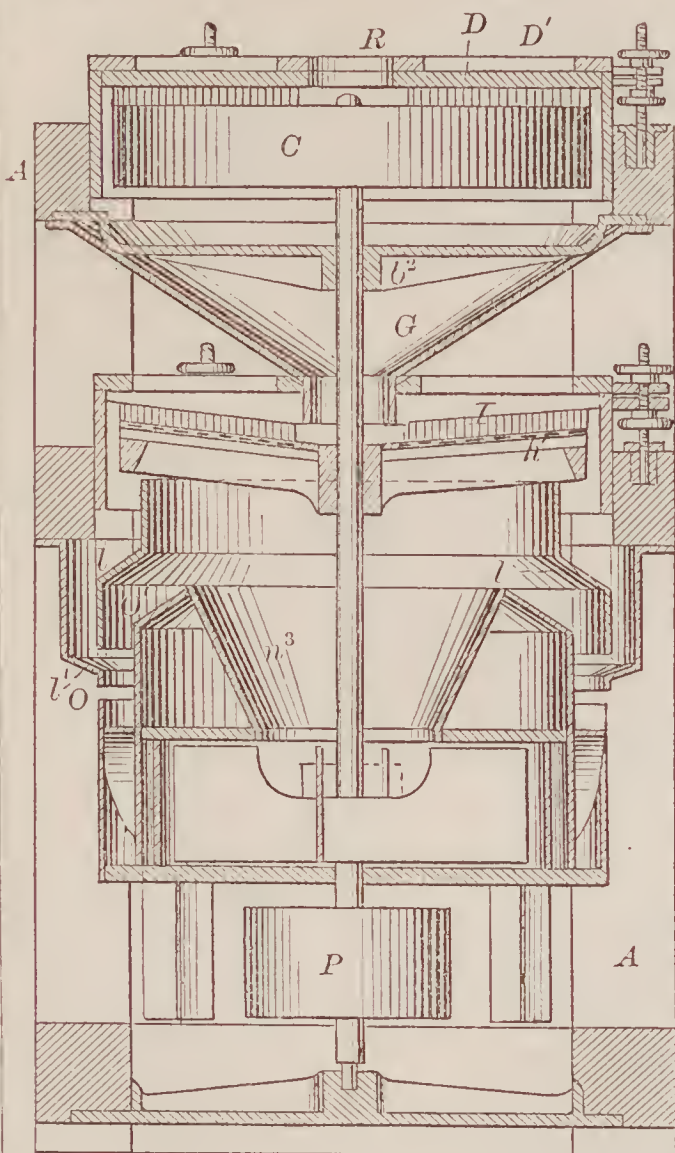
67424—Ely & Cook—
Cap Primer.



67425—S. B. Everitt—*Tea Kettle.*

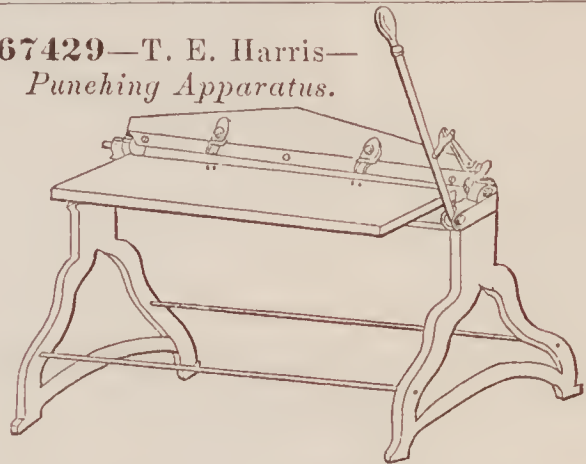


67423—P. T. Elting—*Smut Machine.*

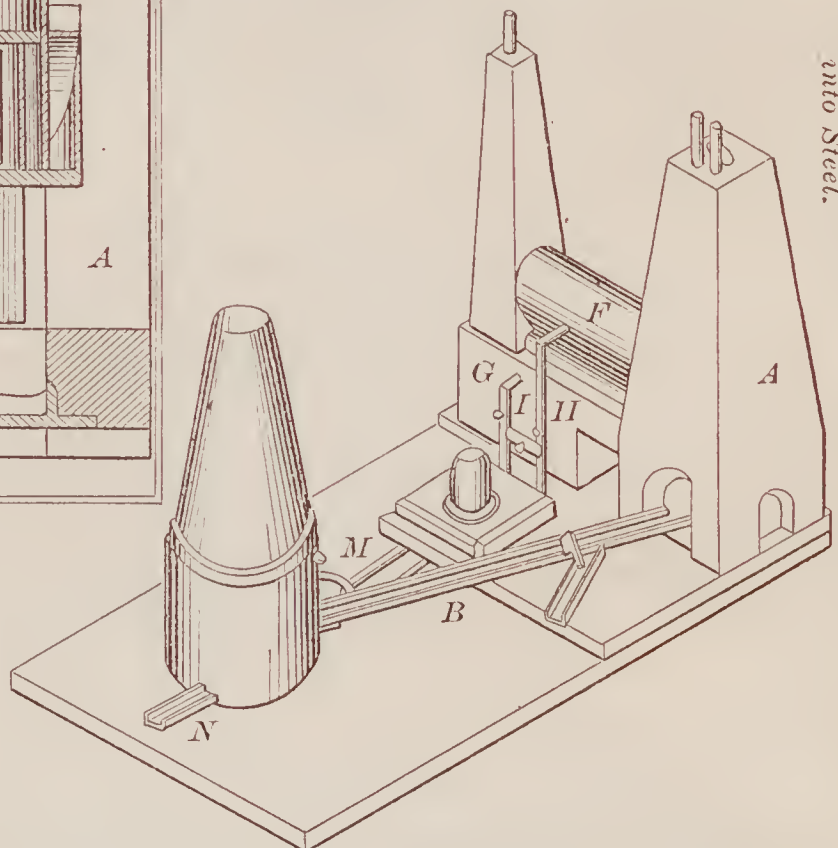


67428—
G. L. Gerard—
Buckle.

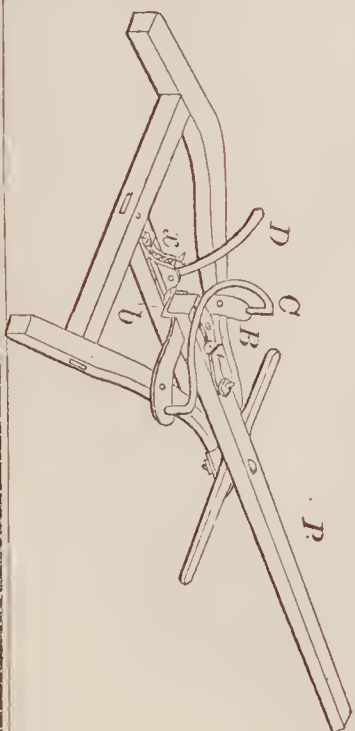
67429—T. E. Harris—
Punching Apparatus.



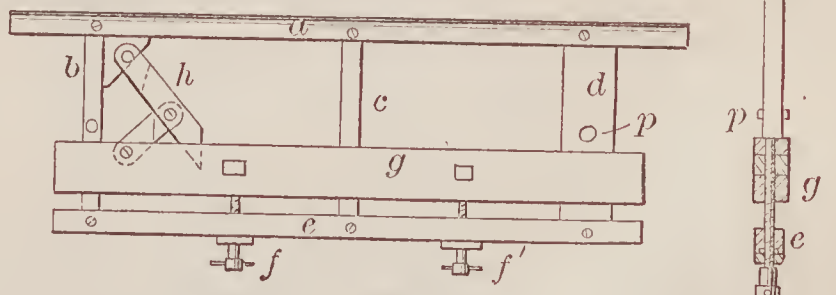
67426—Fletcher & Blanchard—*Converting Cast Iron into Steel.*



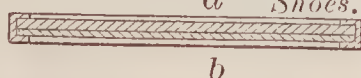
67430—S. L. Heisey—*Cultivator.*



67431—Howell & Oliver—*For Stretching Hides.*

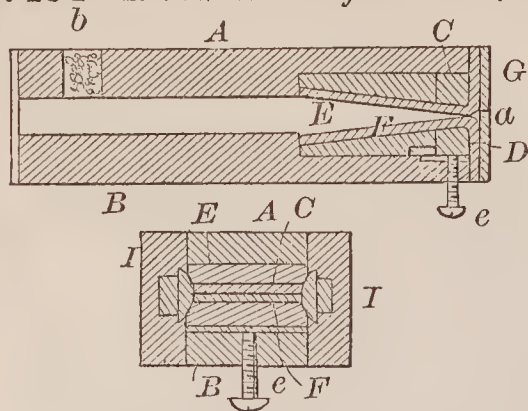
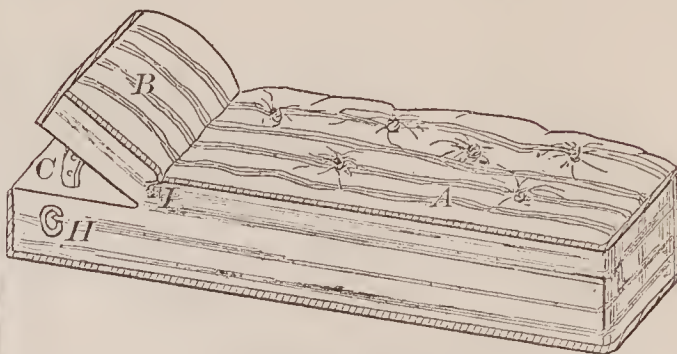
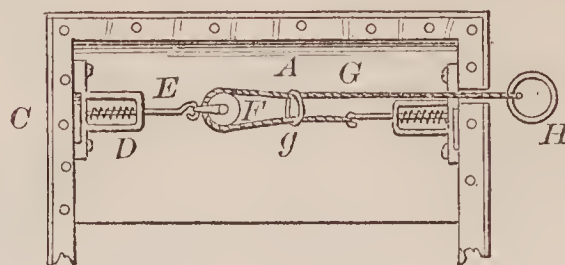
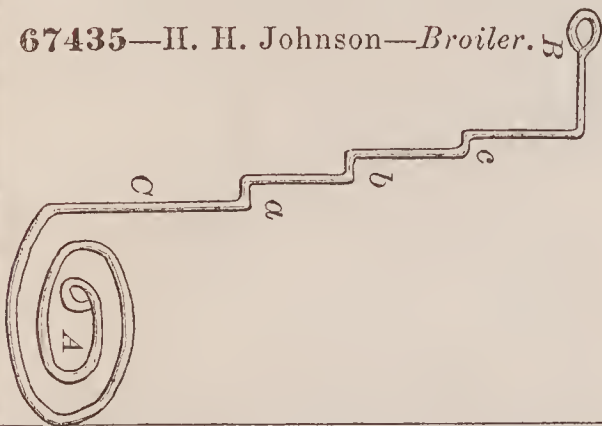
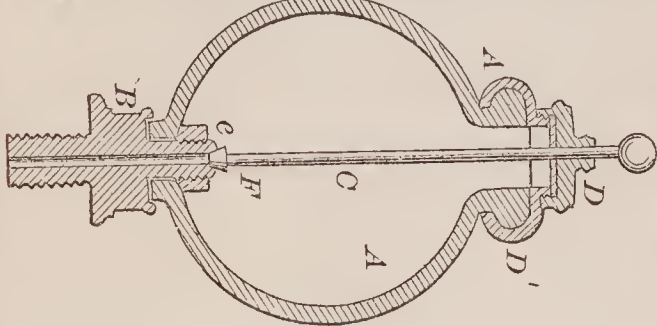
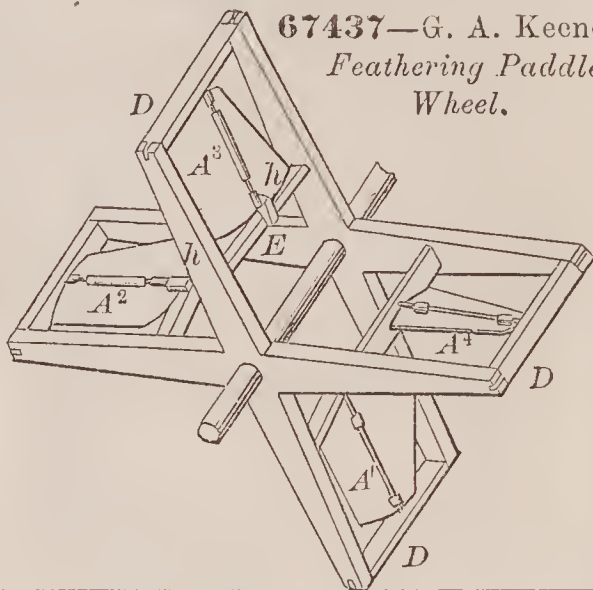
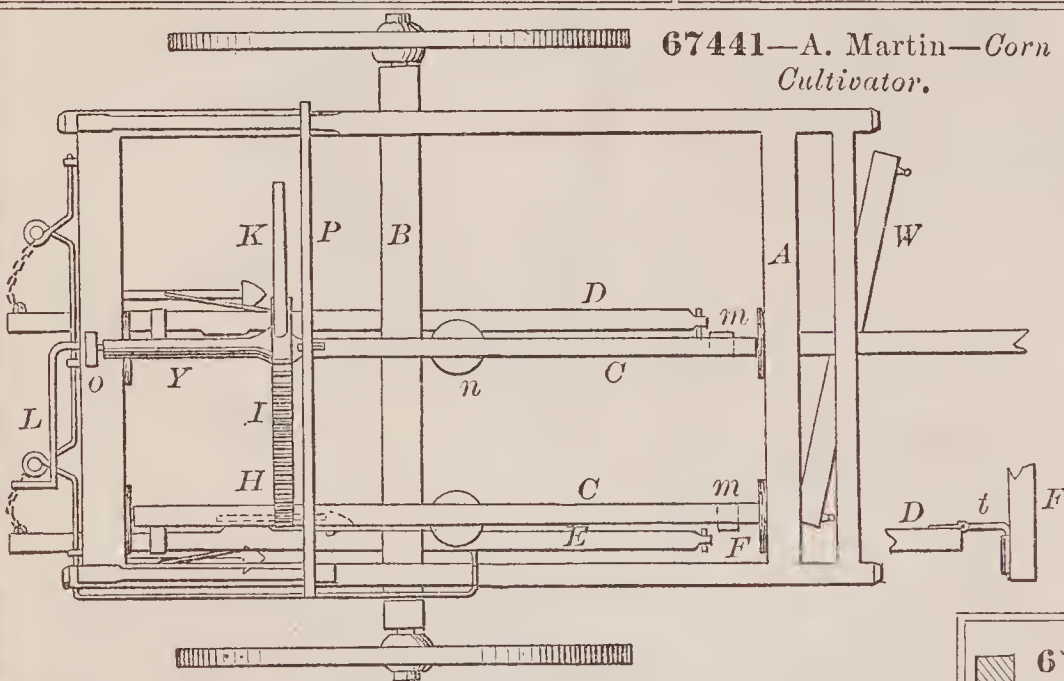
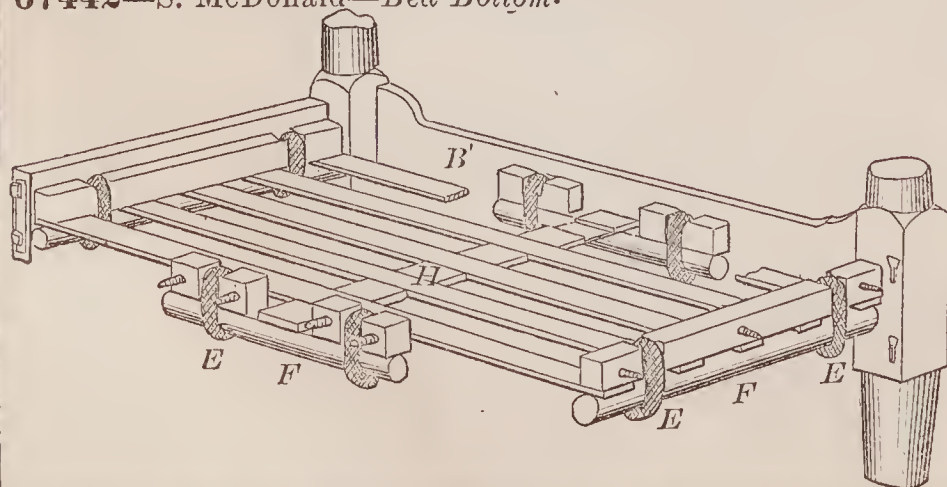
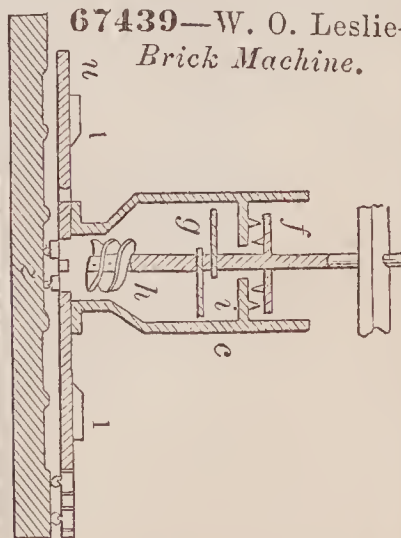


67432—S. W. Huntington—
Inner Sole for Boots and Shoes.

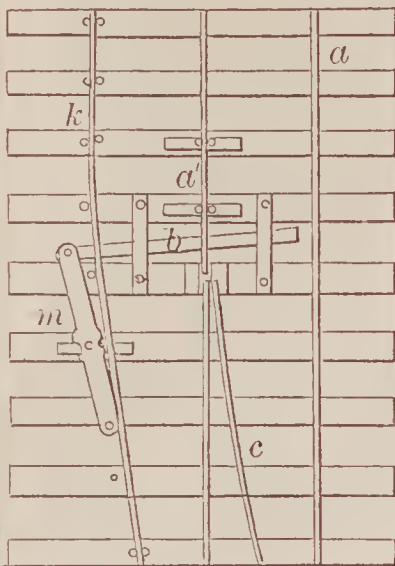


67433—Ingram & Kennedy—
Lighter for Vessels.

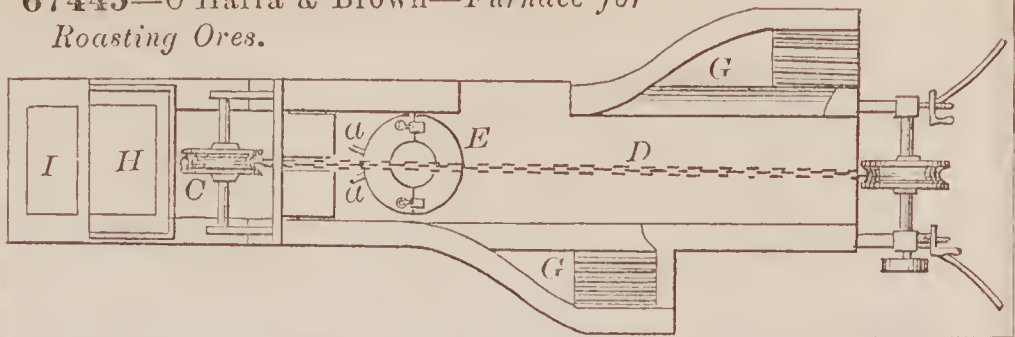


67434—I. Jewett—*Knife Cleaner.*67436—P. Kraher—*Bolster for Mattresses.*67435—H. H. Johnson—*Broiler.*67438—S. Lemon, Jr.—*Lubricator.*67437—G. A. Keene—*Feathering Paddle Wheel.*67441—A. Martin—*Corn Cultivator.*67440—C. Manheim—*Securing Rubber Rolls to Shafts.*67442—S. McDonald—*Bed Bottom.*67439—W. O. Leslie—*Brick Machine.*

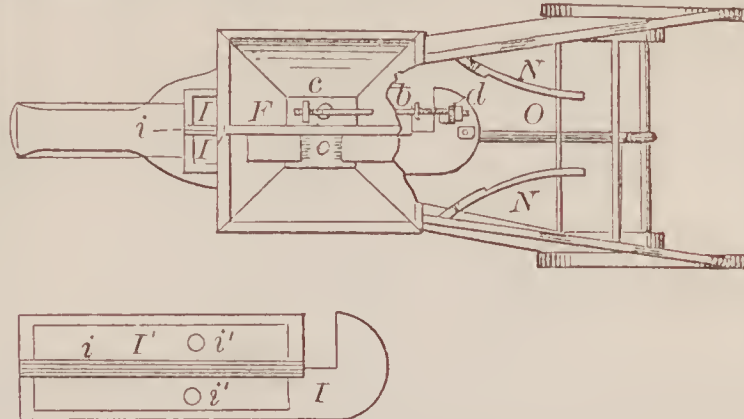
67443—McLaughlin & Jones—*Railroad Switch.*



67445—O'Harra & Brown—*Furnace for Roasting Ores.*



67444—Mitchell & Search—*Corn Planter.*

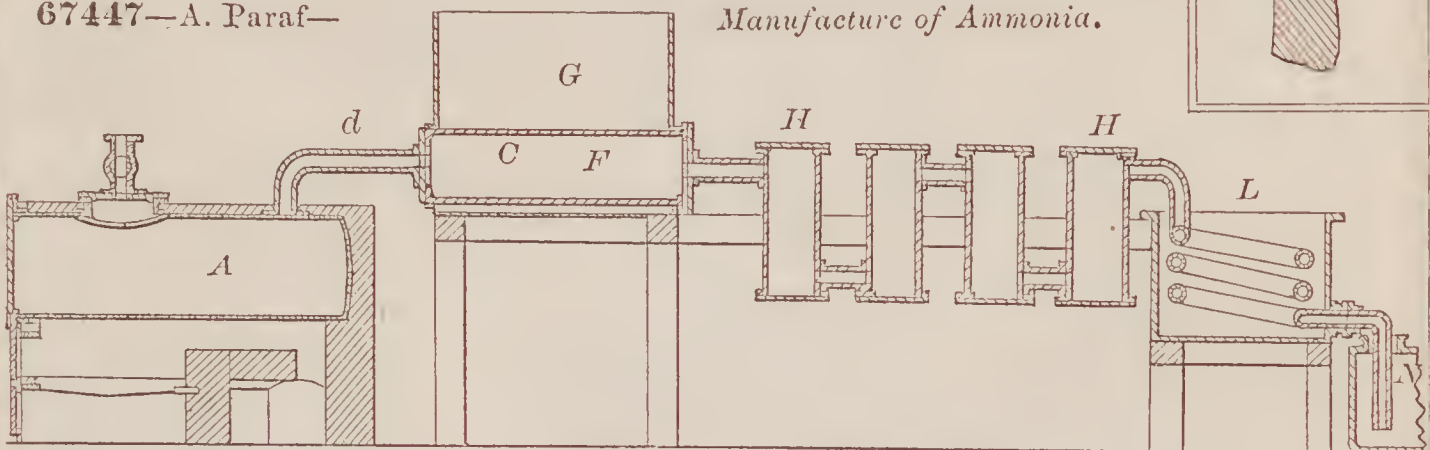


67446—D. Oliver—*Fence Post.*

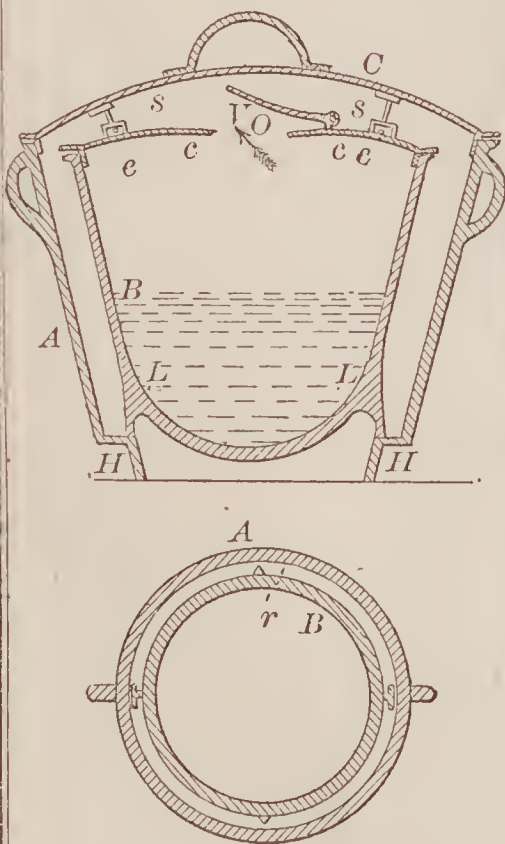


67447—A. Paraf—

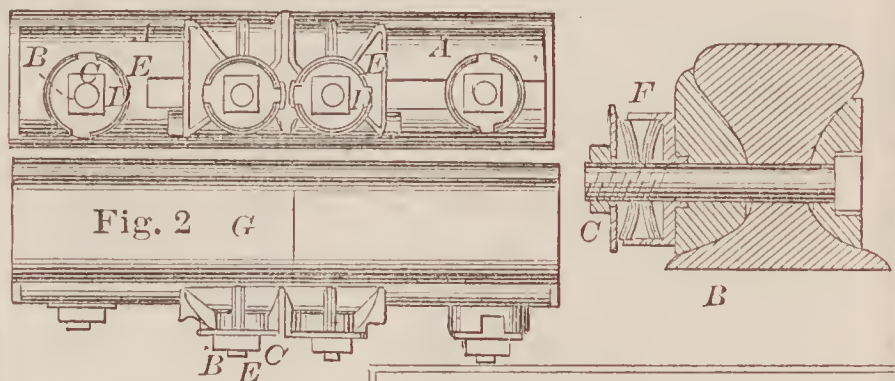
Manufacture of Ammonia.



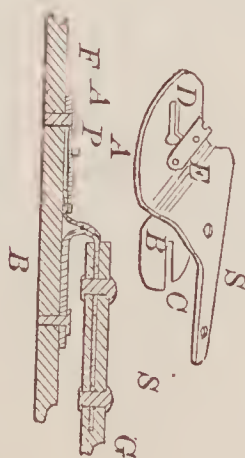
67452—Purdy & Barger—*Boiler.*



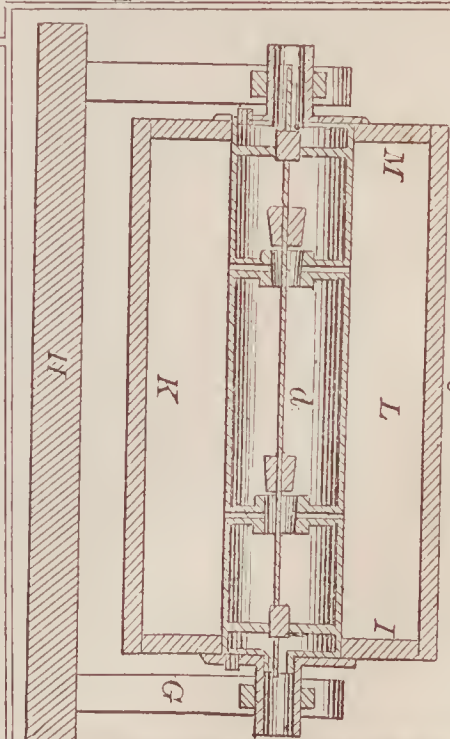
67451—D. R. Pratt—*Splicing Railroad Rails.*

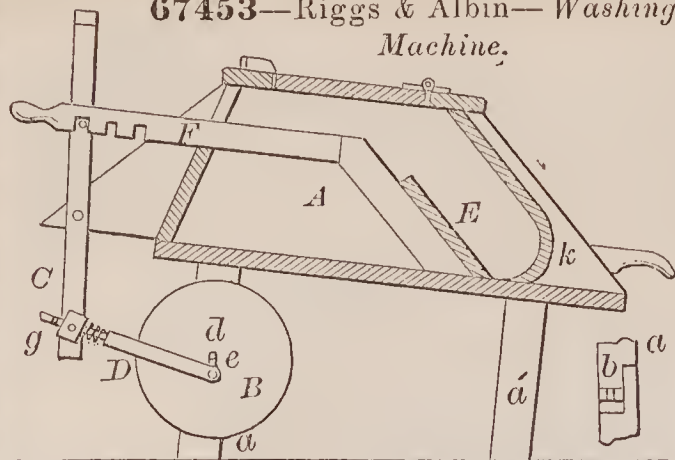
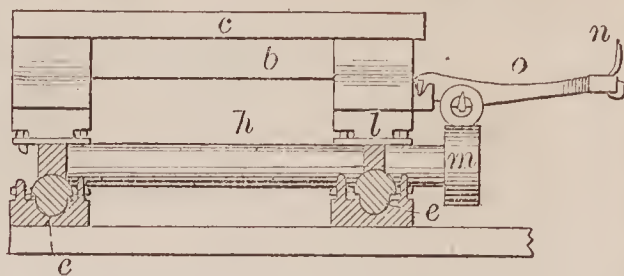
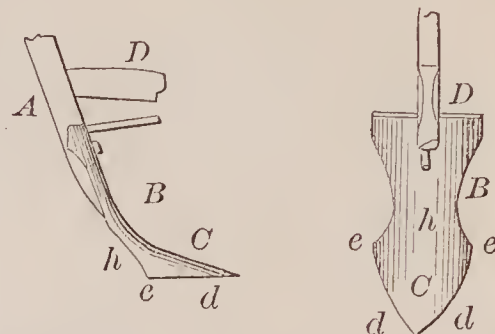
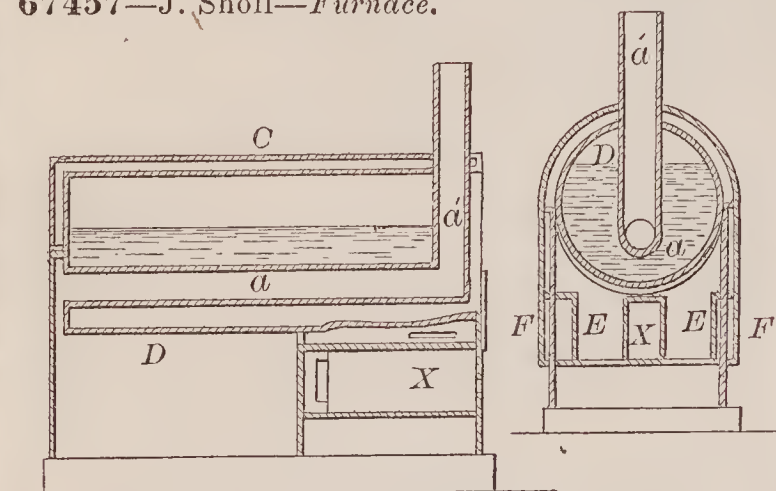
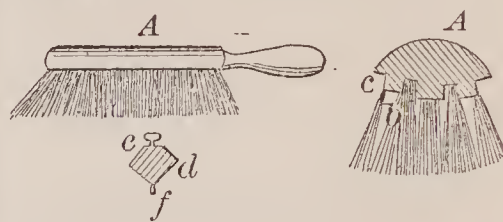
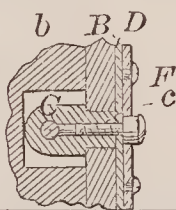
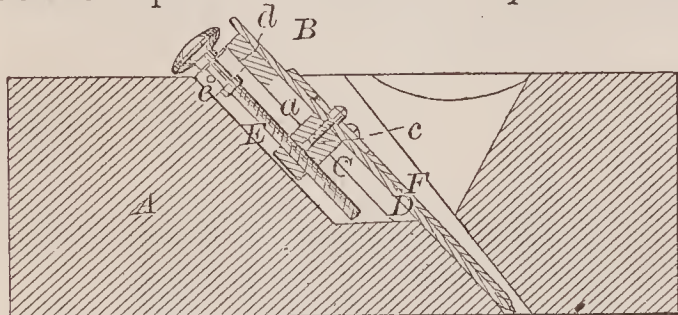
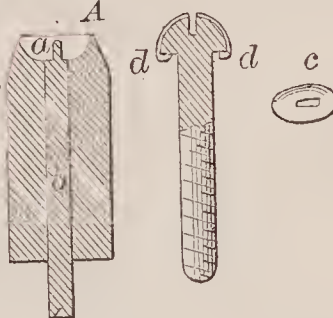
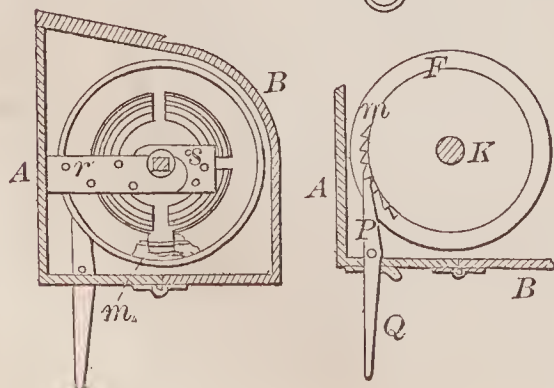
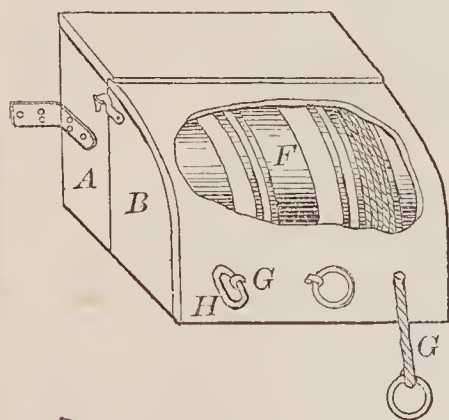
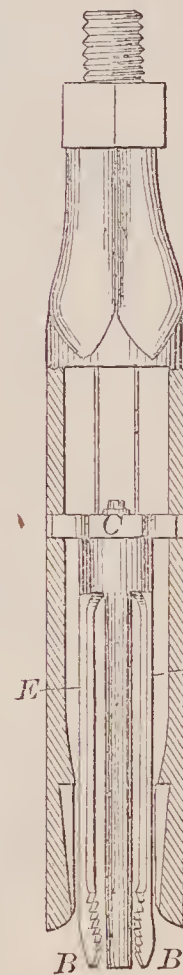
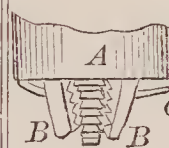
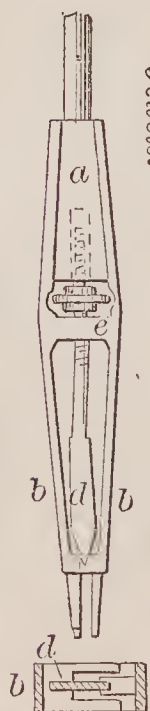
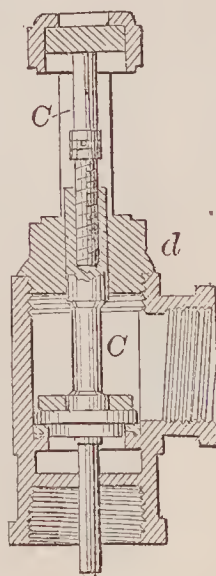


67448—C. B. Payne—*Trace Buckle.*

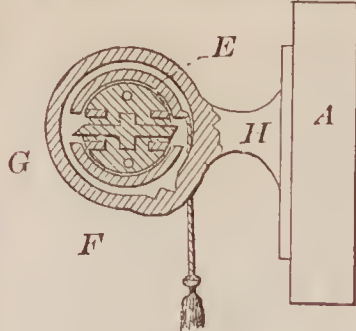


67449—Peabody & Cowles—*For Dressing and Renovating Feathers.*

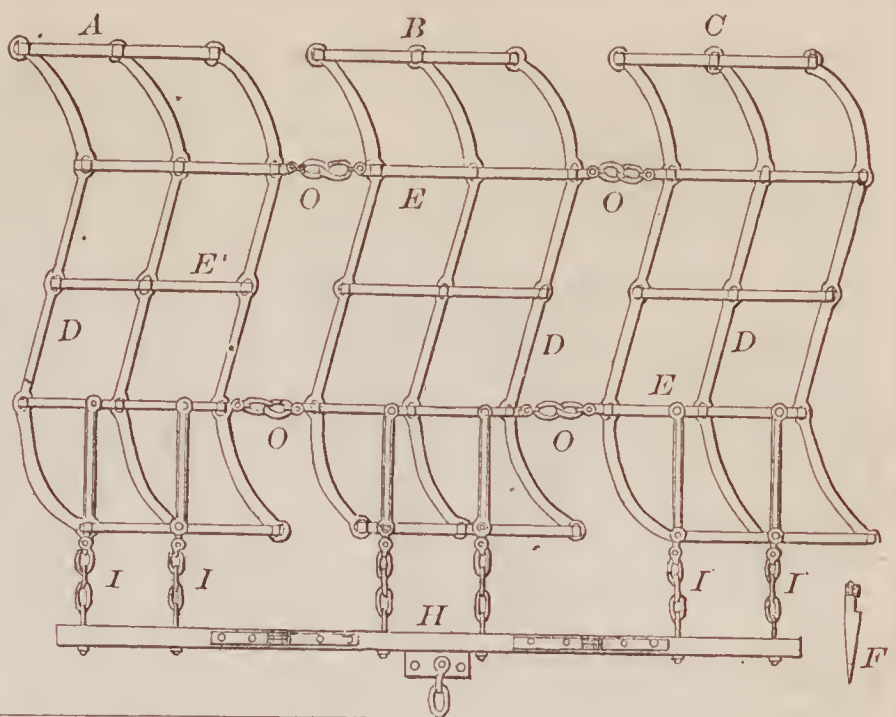


67453—Riggs & Albin—*Washing Machine.***67454**—S. E. Robbins—*Platform Scales.***67456**—E. Seward—*Plow.***67457**—J. Sholl—*Furnace.***67461**—S. Taylor—*Dust Brush.***67458**—Spooner & Johnson—*Carpenter's Plane.***67463**—C. E. Thompson—*Screw Head Caps.***67459**—J. D. Starritt—*Clothes Line Reel.***67464**—R. S. Torrey—*Tool Extractor.***67462**—A., A. F. & A. Thoma—*For Setting Jewels.***67460**—J. Stowell—*Safety Lock.*

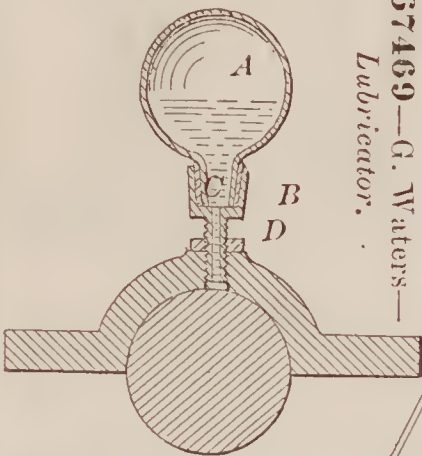
67465—L. A. Tripp—*Window Shade Fixture.*



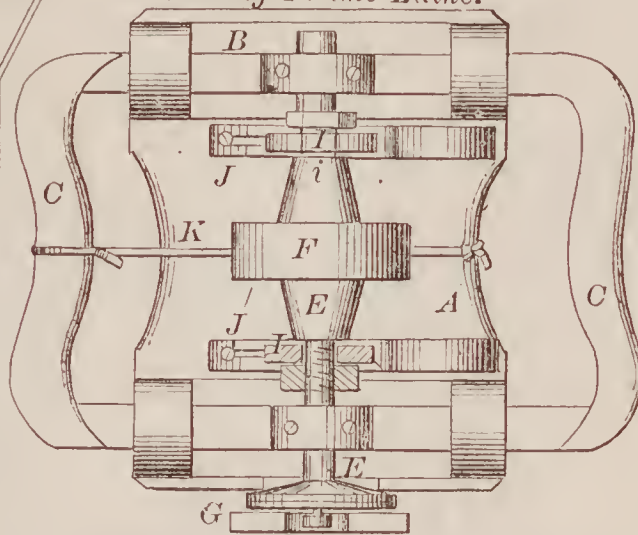
67466—J. E. Van Riper—*Harrow.*



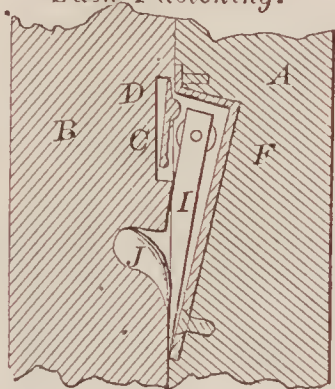
67469—G. Waters—*Lubricator.*



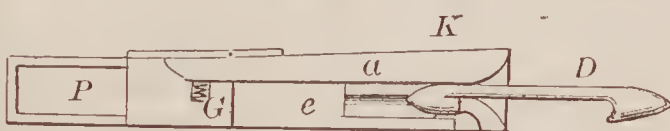
67473—Wicker & Williams—*Variety Frame Lathe.*



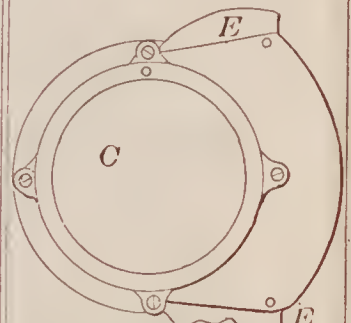
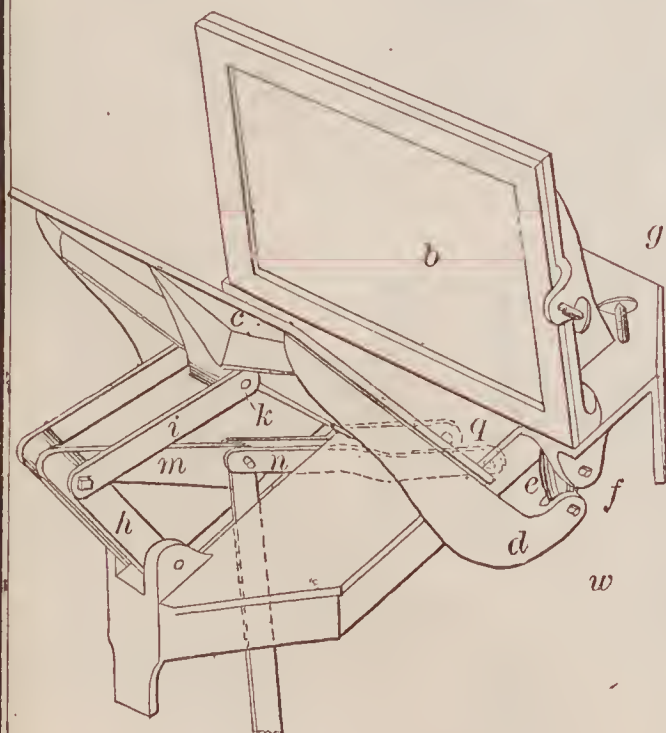
67472—M. V. B. White—*Sash Fastening.*



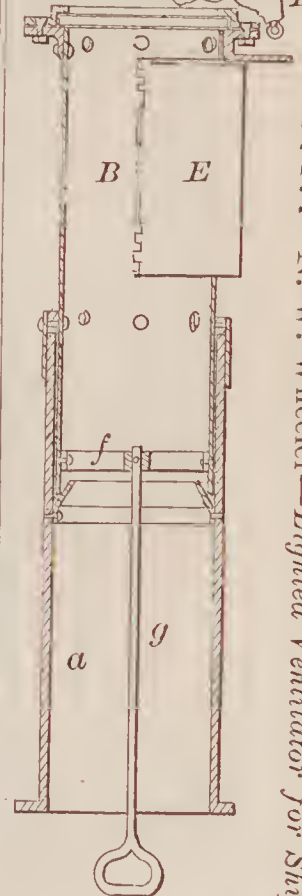
67468—Warner & Palmer—*Car Coupling.*



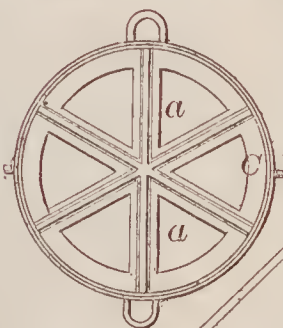
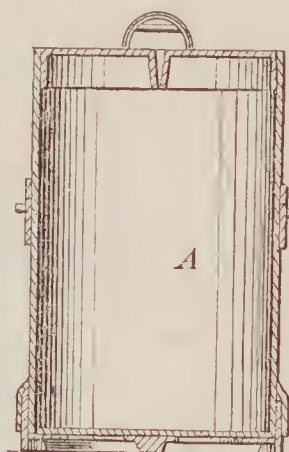
67475—Woods & Tuttle—*Printing Press.*



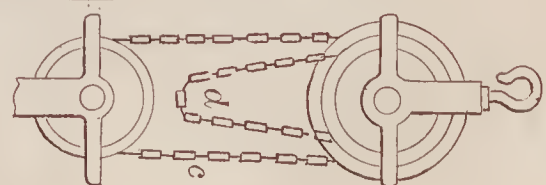
67471—N. W. Wheeler—*Lighted Ventilator for Ships.*

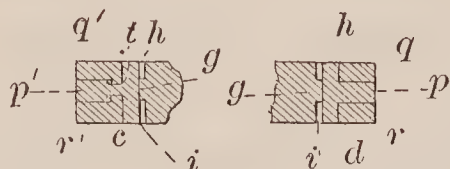
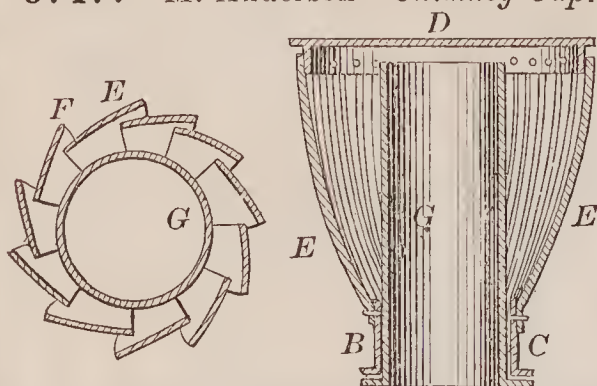
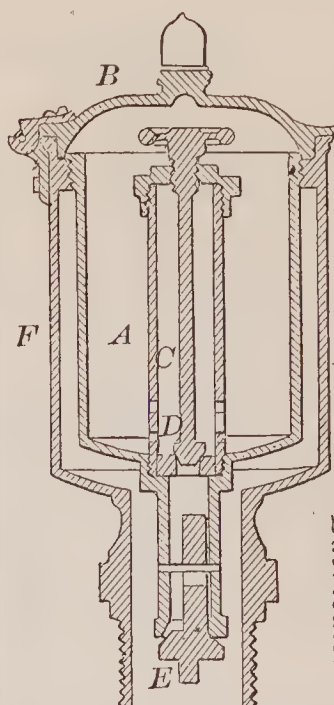
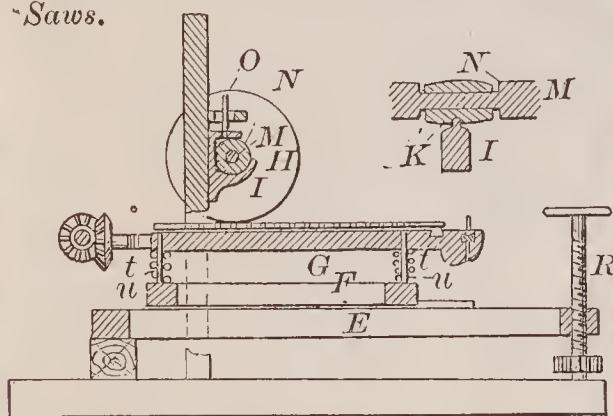
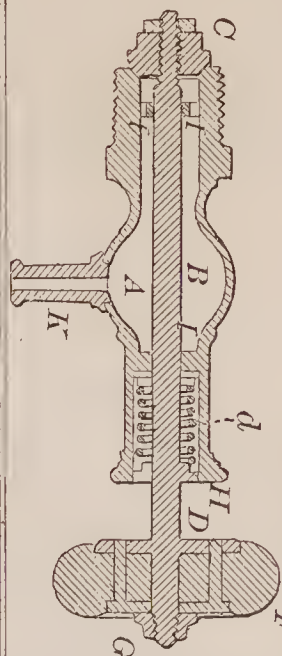
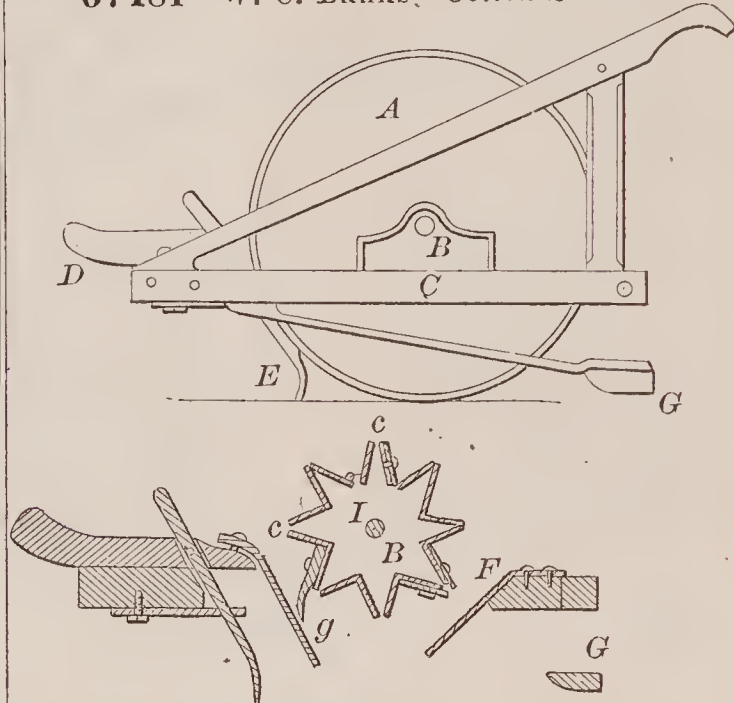
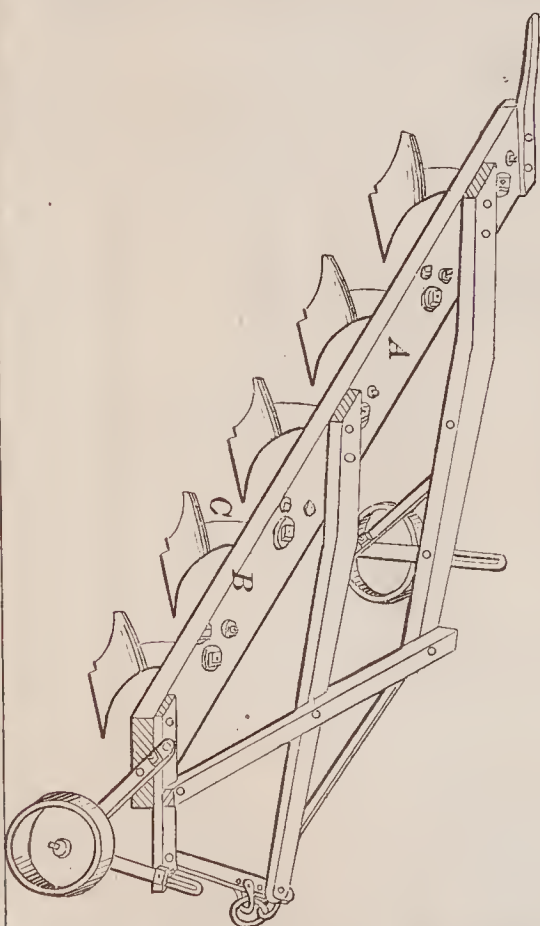
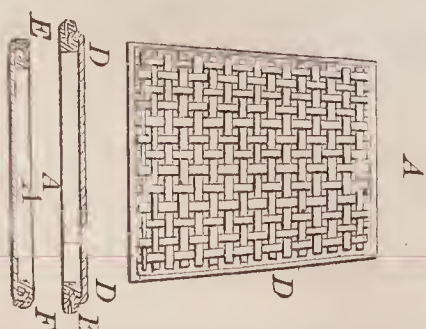
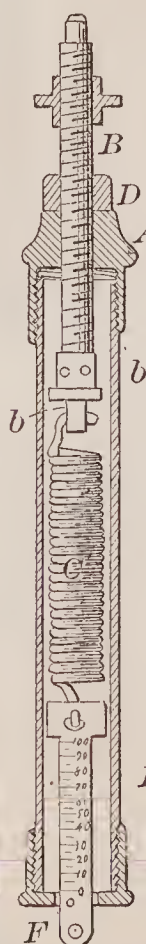
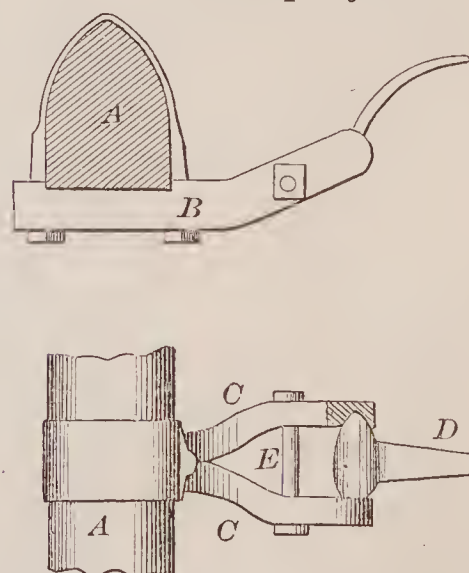
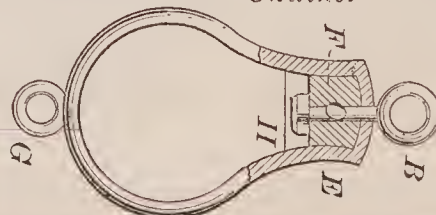


67474—Wiles & Wodd—*Milk Can Bottom.*

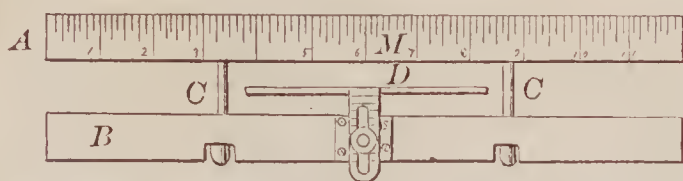


67470—T. A. Weston—*Pulley.*

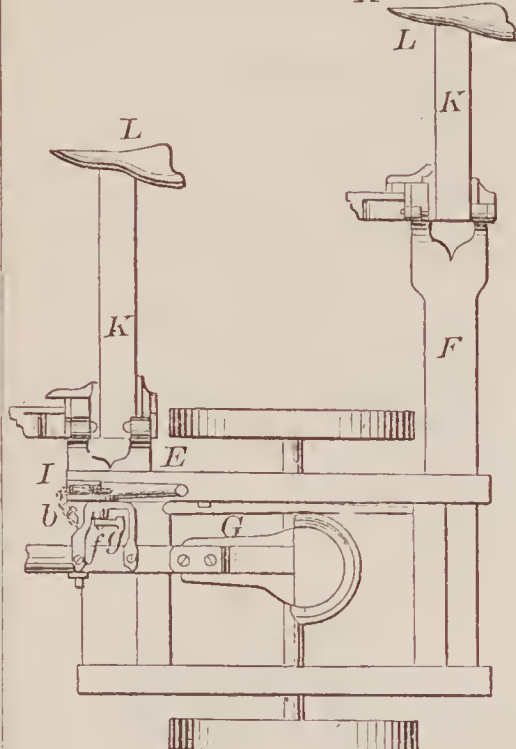
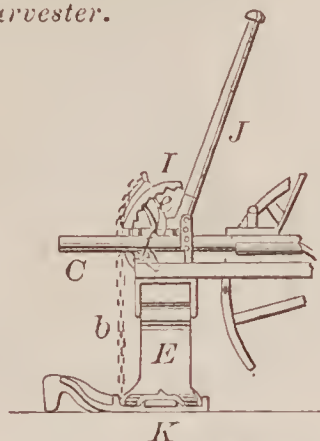


67476—E. B. Allen—*Piston Packing.*67477—M. Anderson—*Chimney Cap.*67480—E. C. Atkins—*For Grinding Saws.*67478—E. H. Ashcroft—*Steam Cylinder Lubricator.*67479—E. H. Ashcroft—*Steam Gauge Cock.*67481—W. C. Banks—*Cotton Seed Planter.*67483—R. Baxter—*Gang Plow.*67485—A. Bingham—*Chair Seat.*67482—W. G. Barker—*Spring Balance.*67484—E. Bennett—*Thill and Pole Coupling.*67486—J. Bird—*Loop for Bearing Chains.*

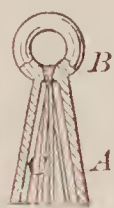
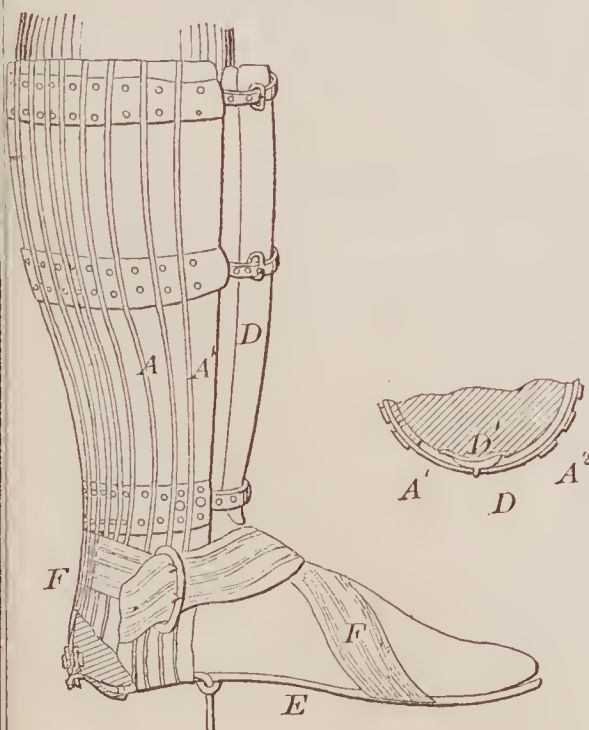
67487—E. Bostock—*Adjustable Parallel Ruler.*



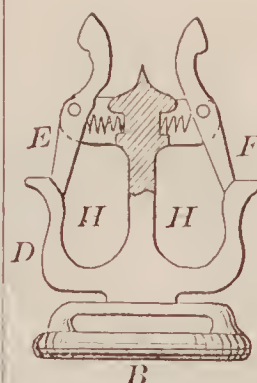
67490—W. F. Brabrook—*Harvester.*



67493—J. L. Burch—*Splint.*

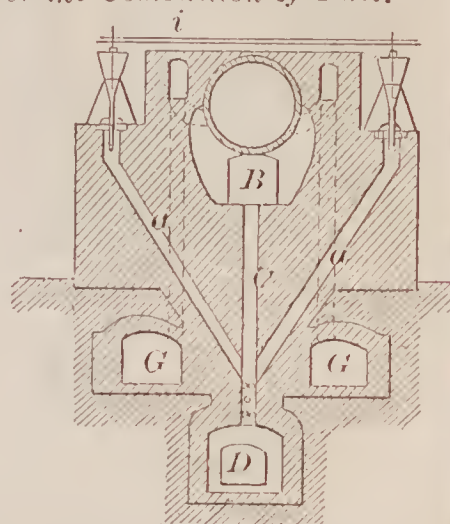
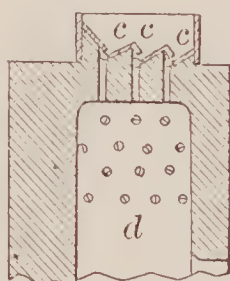


67488—F. G. Botner—*Slate Pencil Sharpener.*

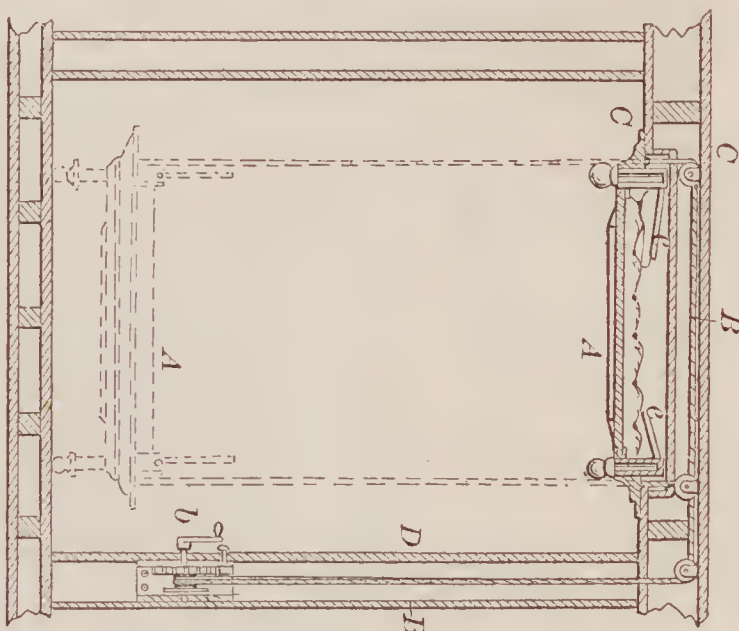


67489—T. J. Bottomley—*Toy Holder.*

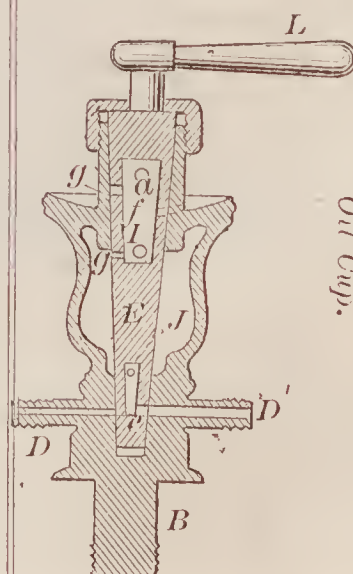
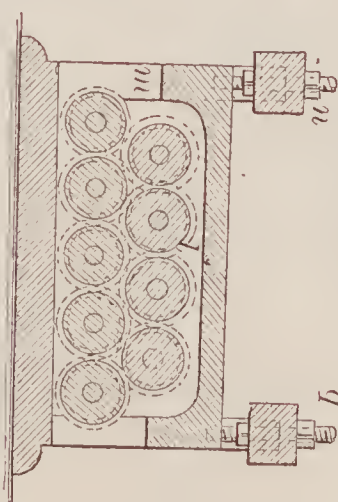
67492—J. Bühner—*For the Combustion of Fuel.*



67494—D. Burnett—*Elevated Bedstead.*

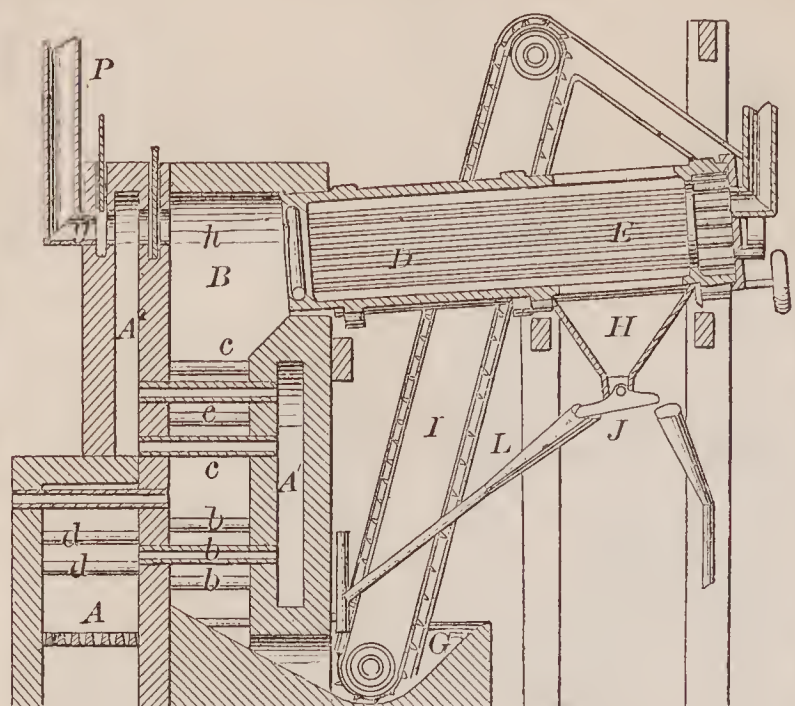


67495—J. D. Carter—*For Straightening Sheet Metal.*

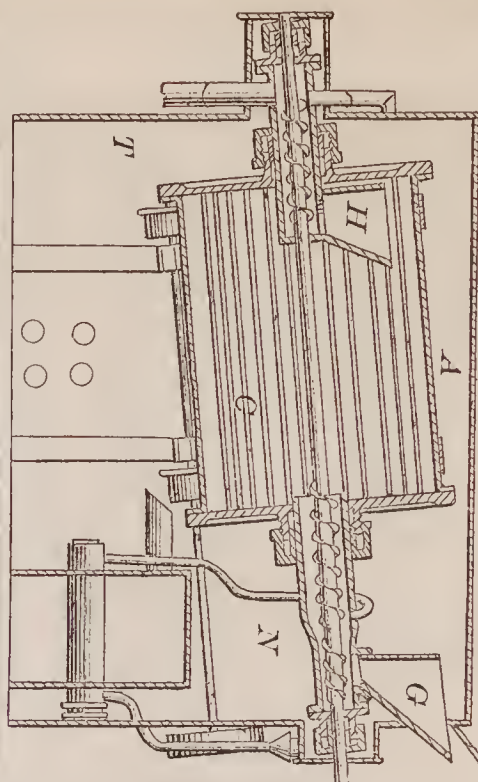


67496—T. Chatterton—*Steam Engine Oil Cup.*

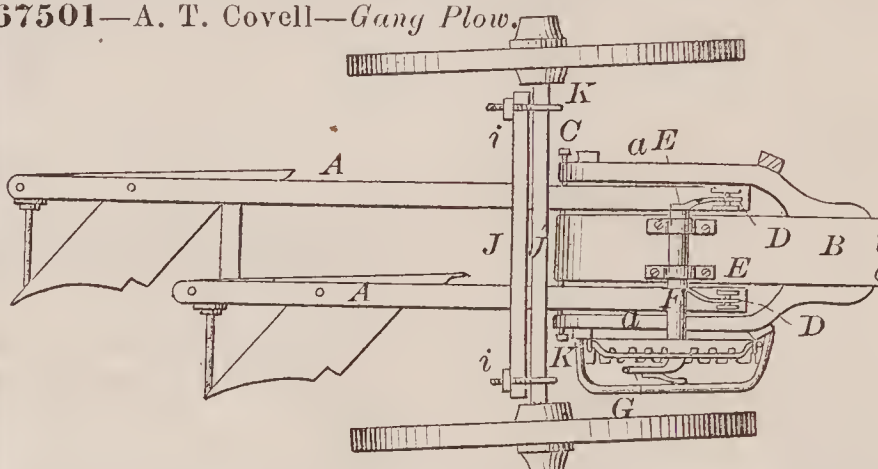
67497—T. J. Chubb—Furnace for Oxydizing Ores.



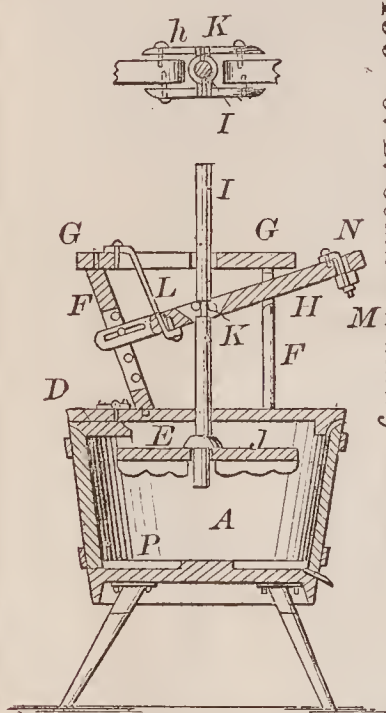
67498—T. J. Chubb—Amalgamator.



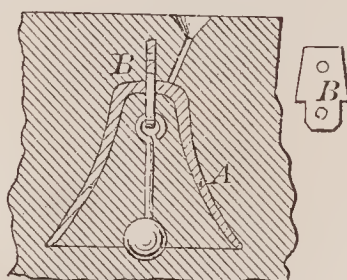
67501—A. T. Covell—Gang Plow.



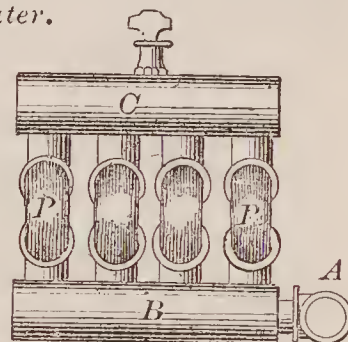
67499—J. B. Coffin—Washing Machine.



67500—E. G. Cone—Cast Iron Bell.



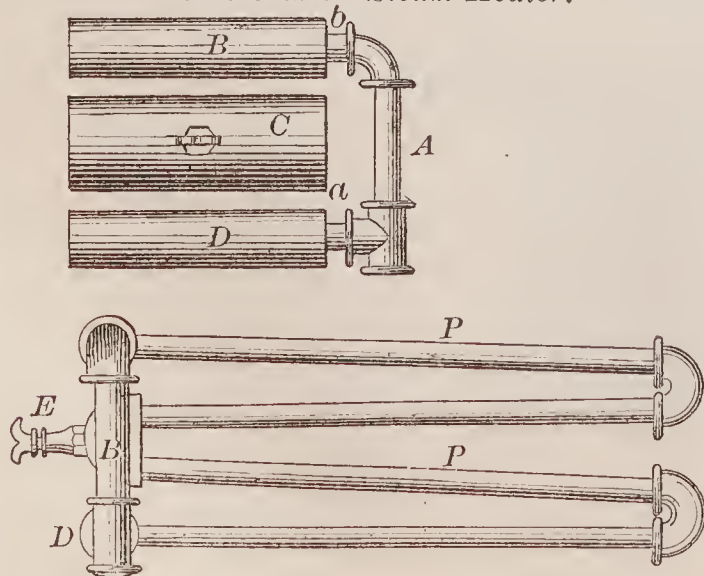
67503—R. T. Crane—Steam Heater.



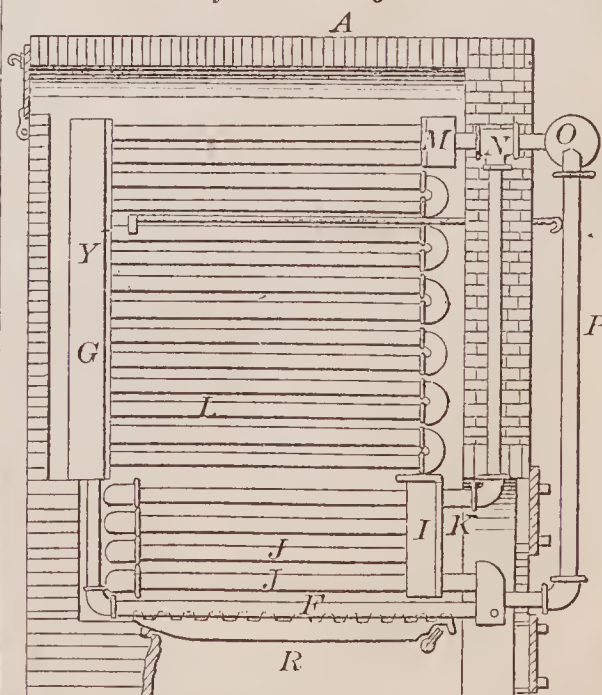
67502—R. T. Crane—Pattern for Casting Steam Pipe Supports.



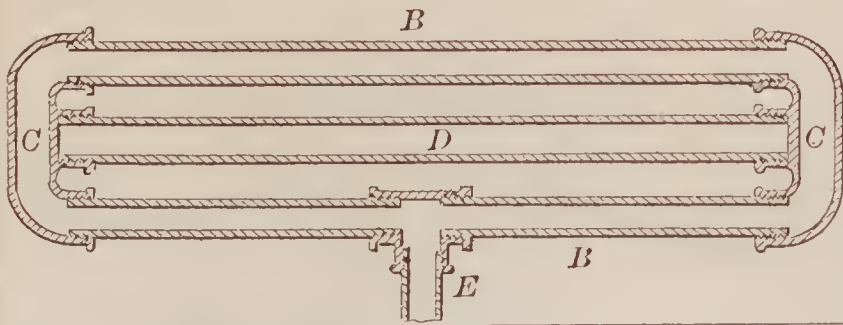
67504—R. T. Crane—Steam Heater.



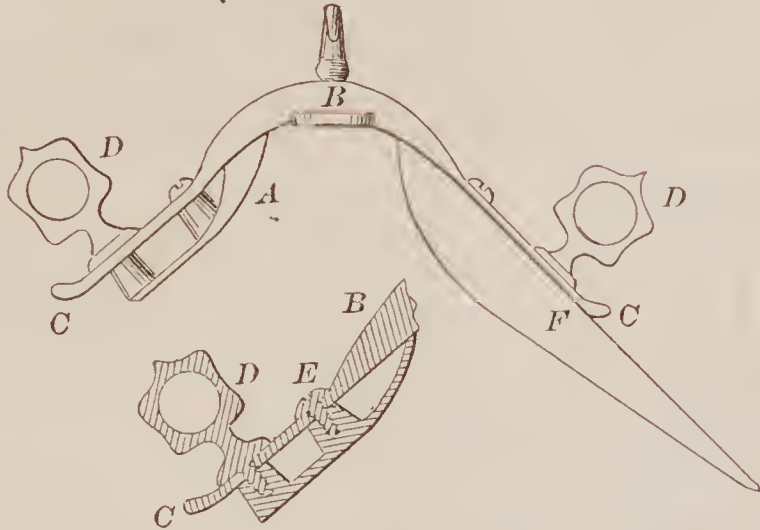
67505—R. T. Crane—Steam Generator for Heating.



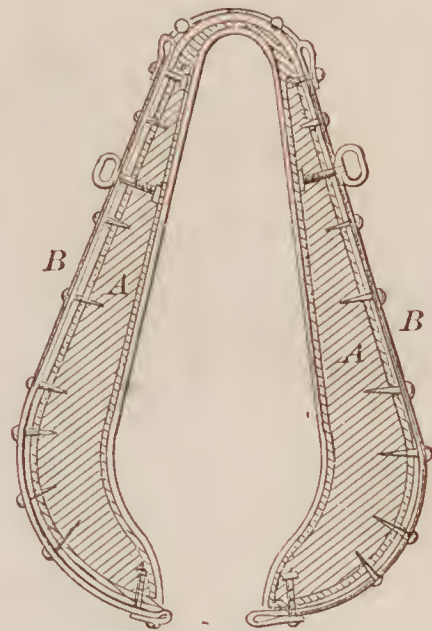
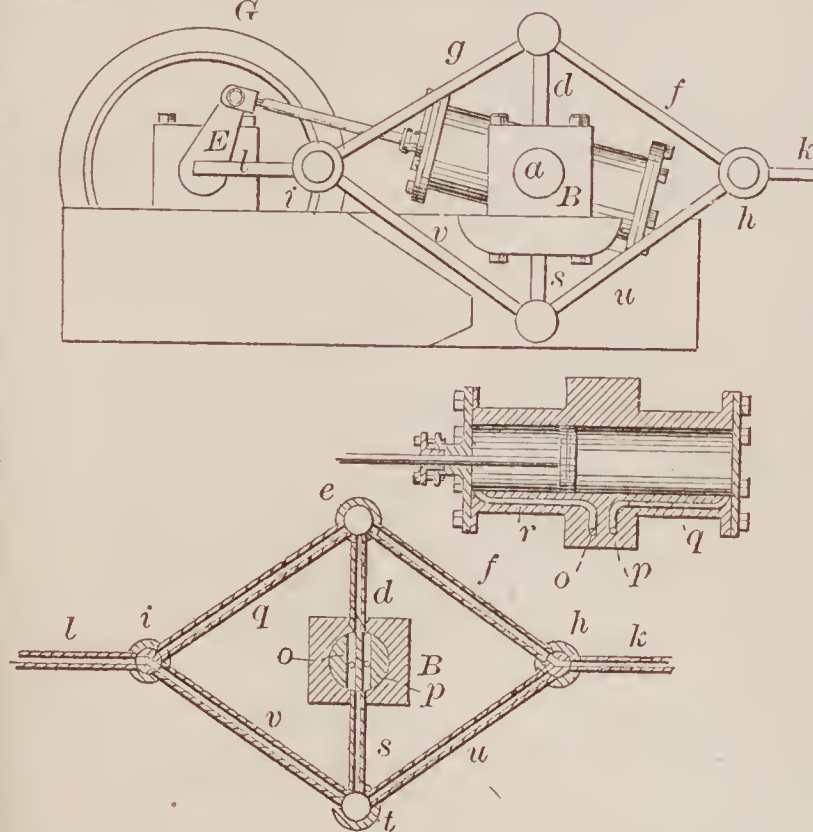
67506—R. T. Crane—Low Water Alarm for Steam Generators.



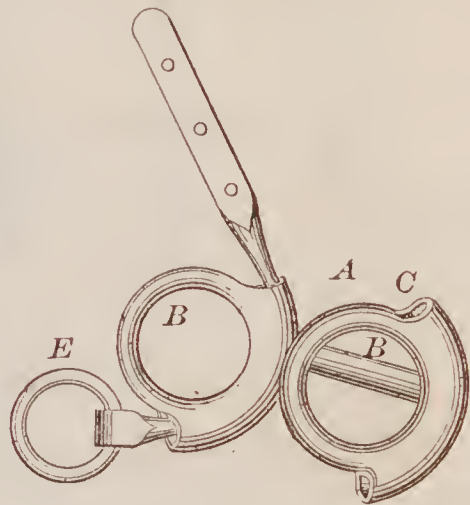
67507—A. J. Cronk—Pad Tree.



67511—M. V. Cummings—Oscillating Engine.

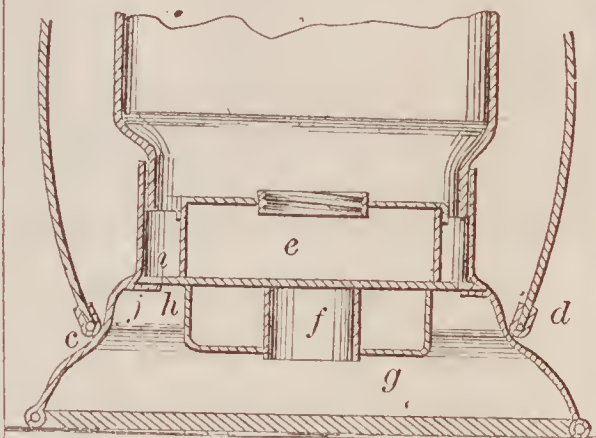


67508—A. J. Cronk—Horse Collar.

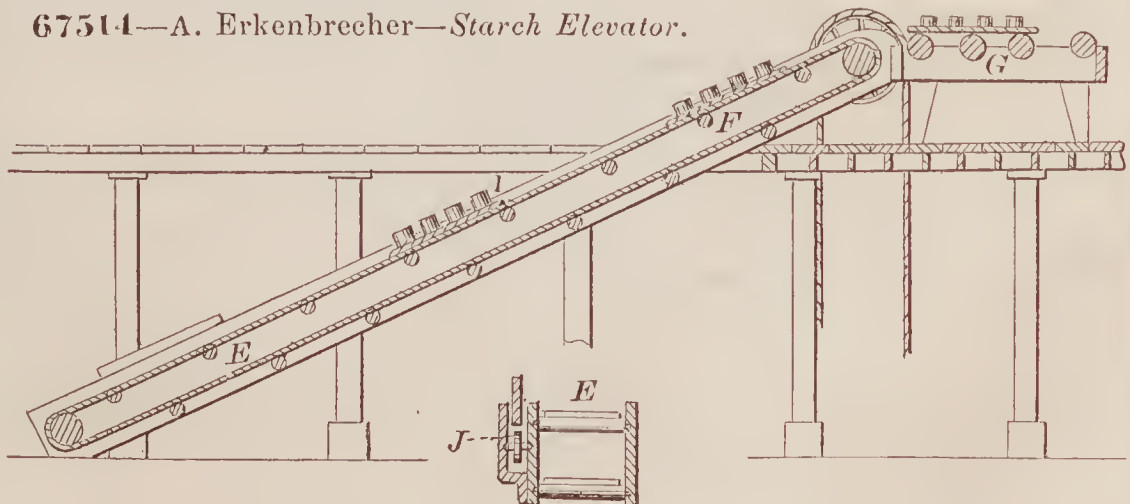


67509—O. Crook—Bridle Bit.

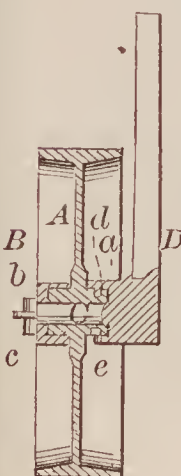
67510—J. E. Cross—Lantern.

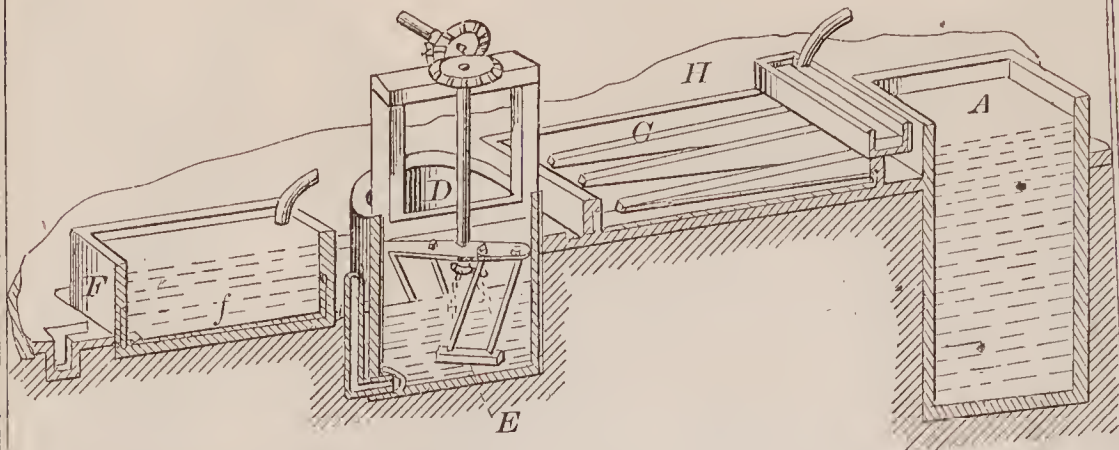
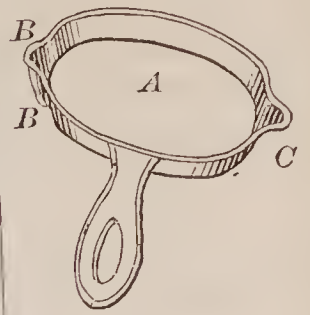
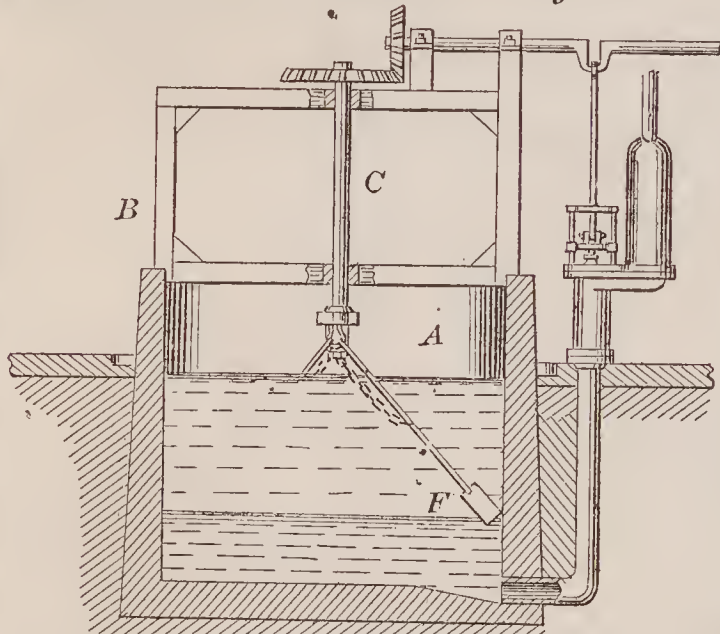
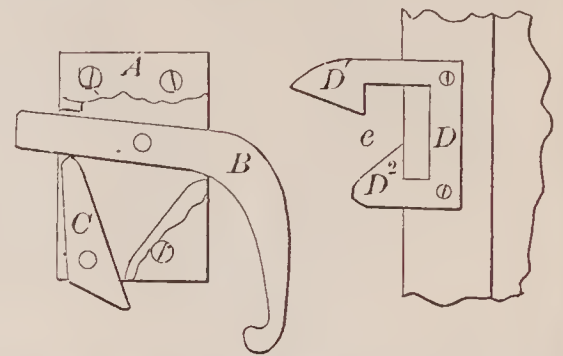
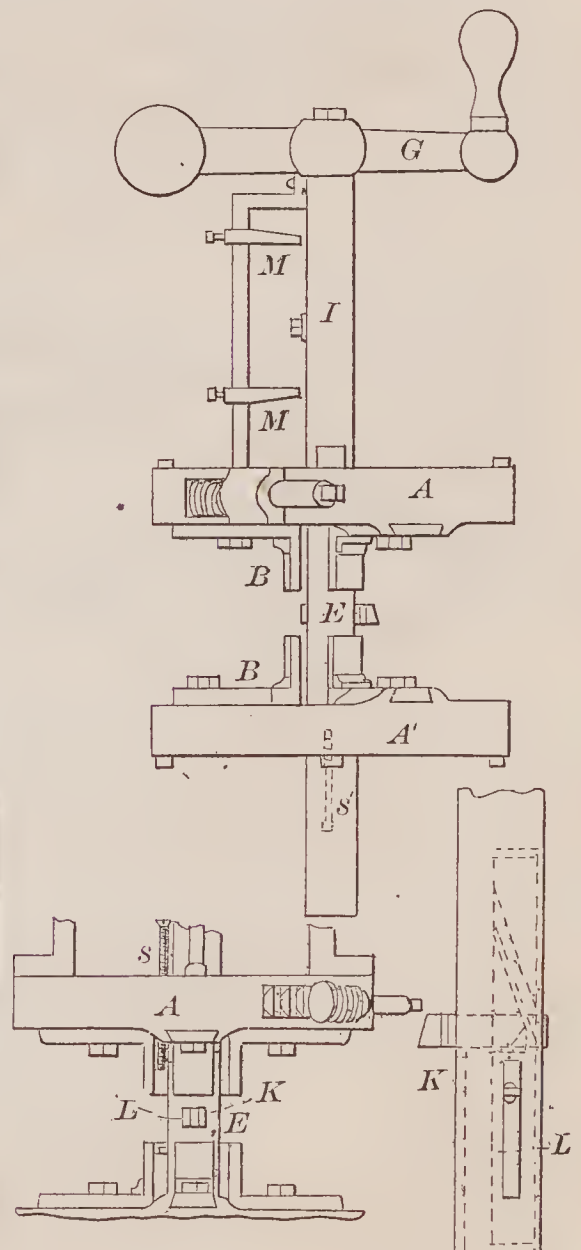
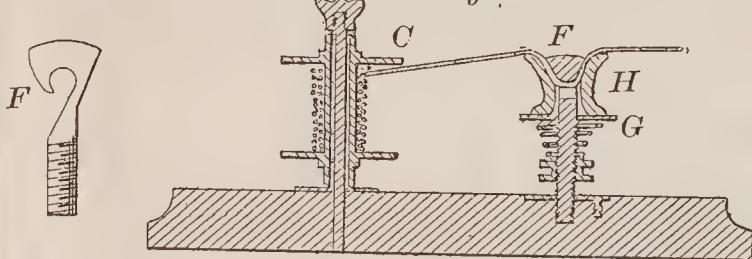
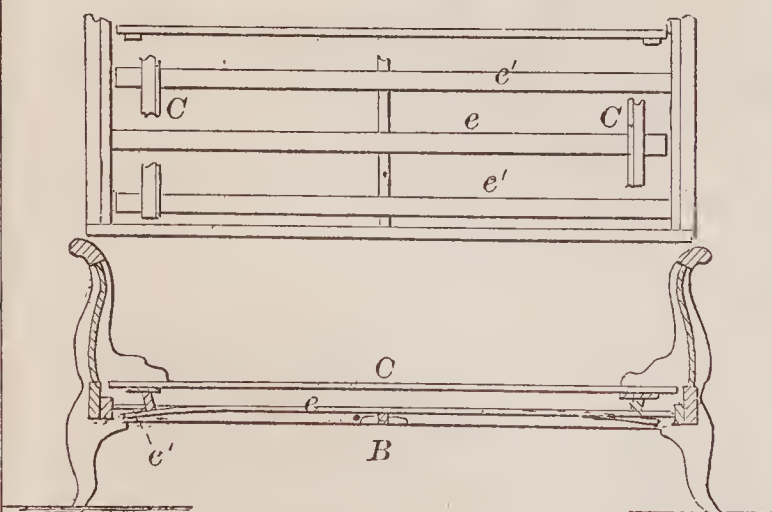
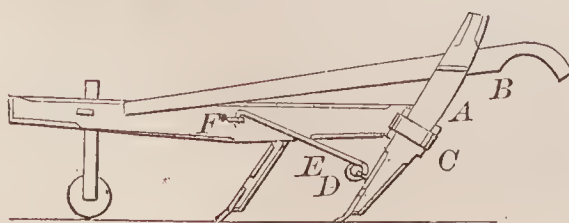


67514—A. Erkenbrecher—Starch Elevator.

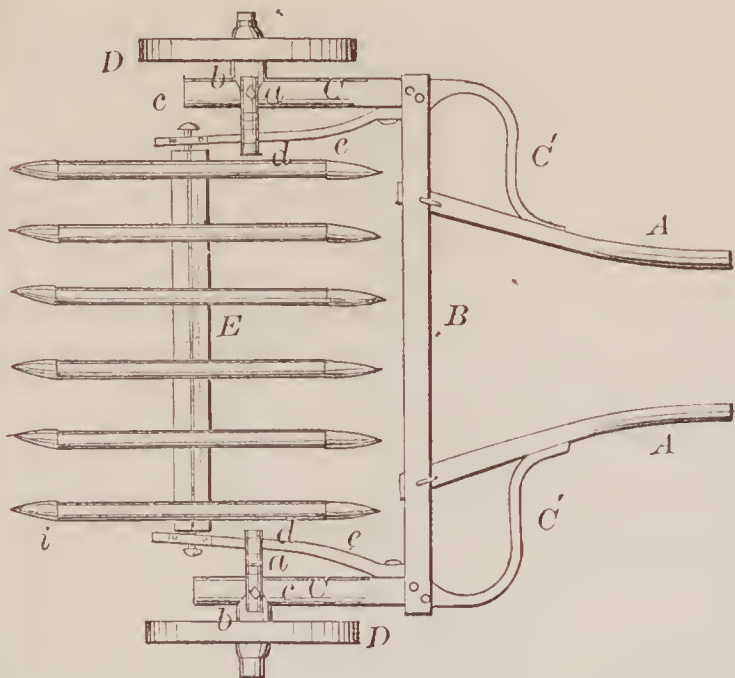


67513—G. Dodge—Plow Wheel.

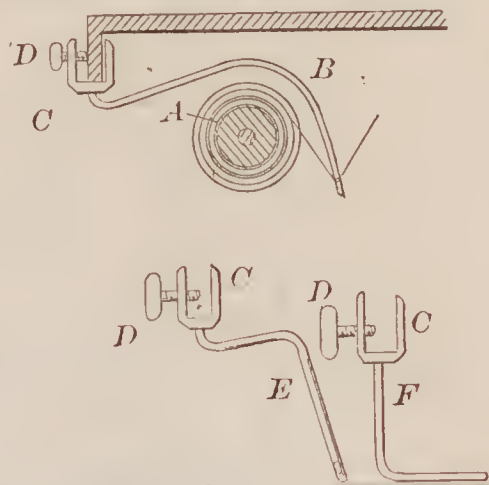


67515—A. Erkenbrecher—*Starch Making Apparatus.***67517**—A. B. Fales—*Frying Pan.***67516**—A. Erkenbrecher—*Starch Agitator.***67518**—J. B. Farmer—*Latch and Catch.***67520**—D. Flynn—*For Cutting Key Seats.***67519**—J. Fewkes—*Braiding Machine.***67521**—H. A. & A. Follett—*Bed Bottom.***67522**—J. Frank—*Cultivator.*

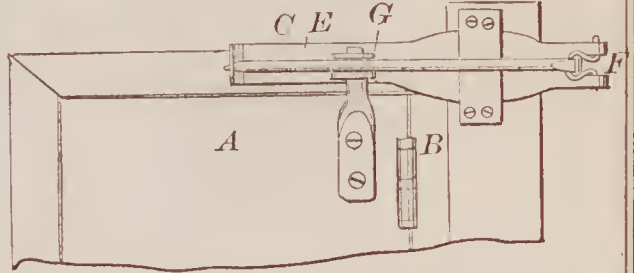
67523—L. W. Frederick—*Horse Rake.*



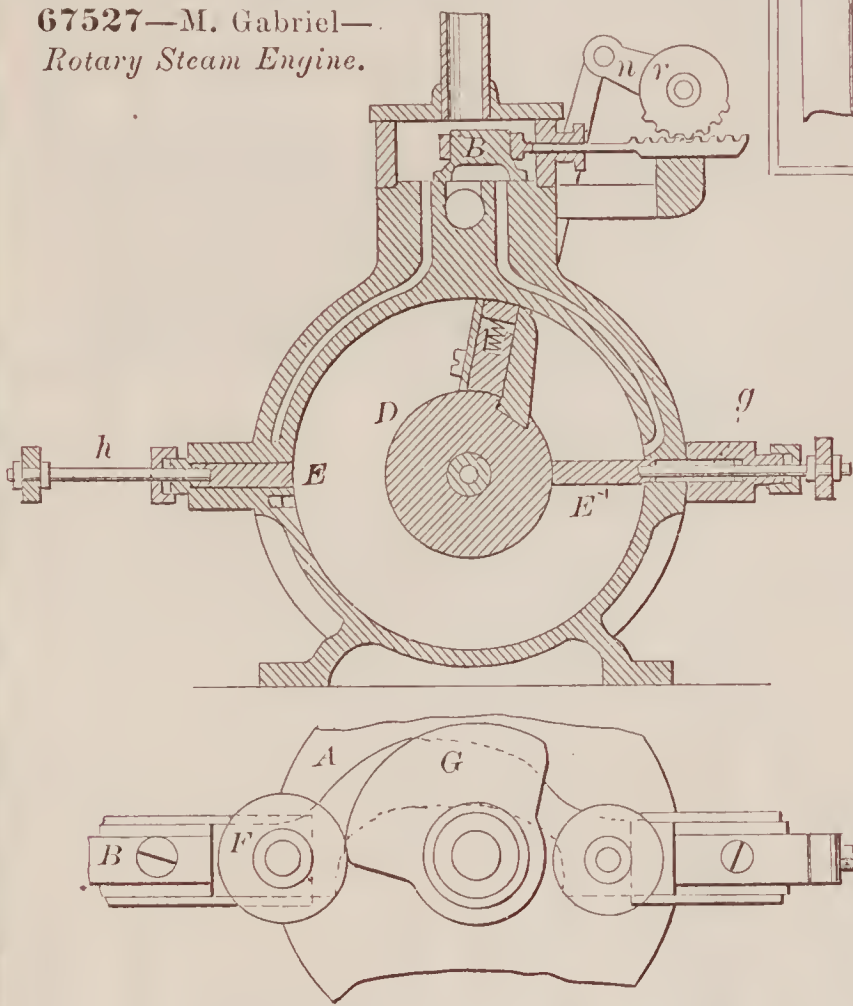
67524—H. E. Frohlich—*Thread Guide for Sewing Machines.*



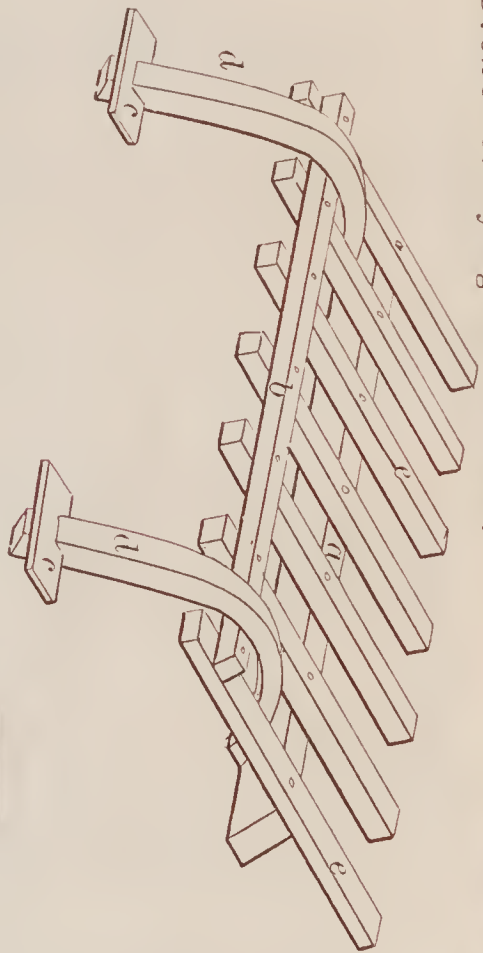
67525—H. S. Frost—*Door Spring.*



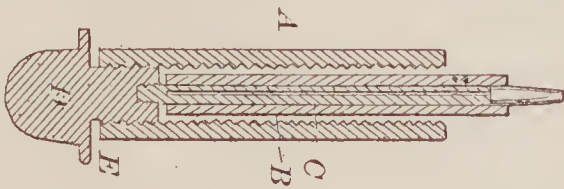
67527—M. Gabriel—*Rotary Steam Engine.*



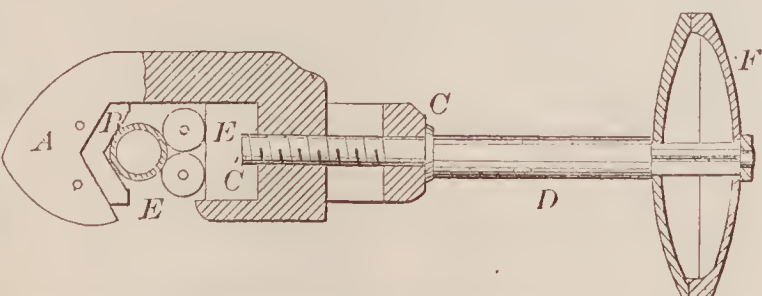
67526—J. Fryling—*Stream Fence.*



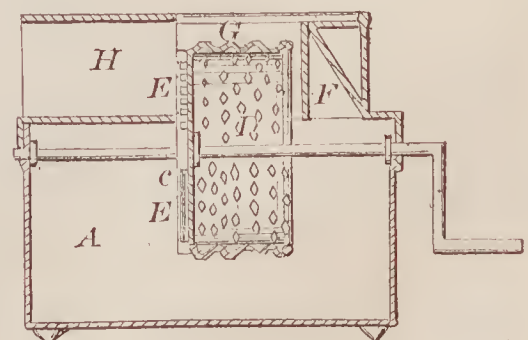
67528—P. Gabriel—*Lead Holder or Pencil.*

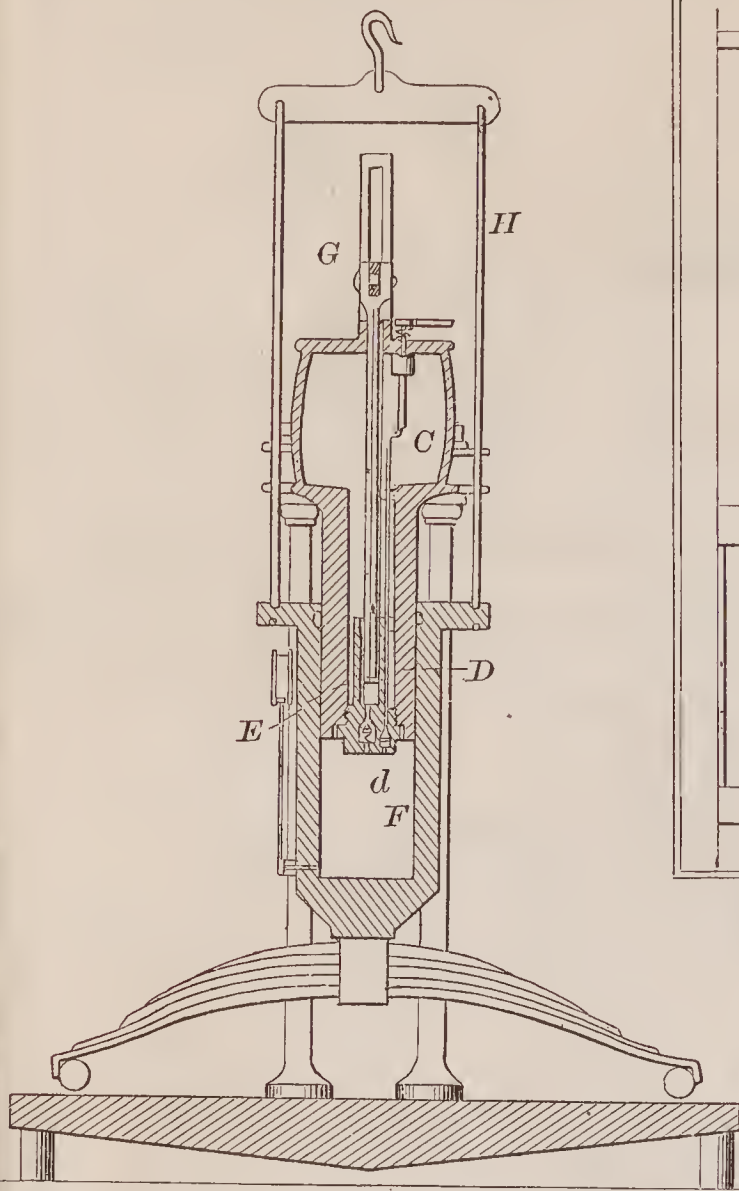
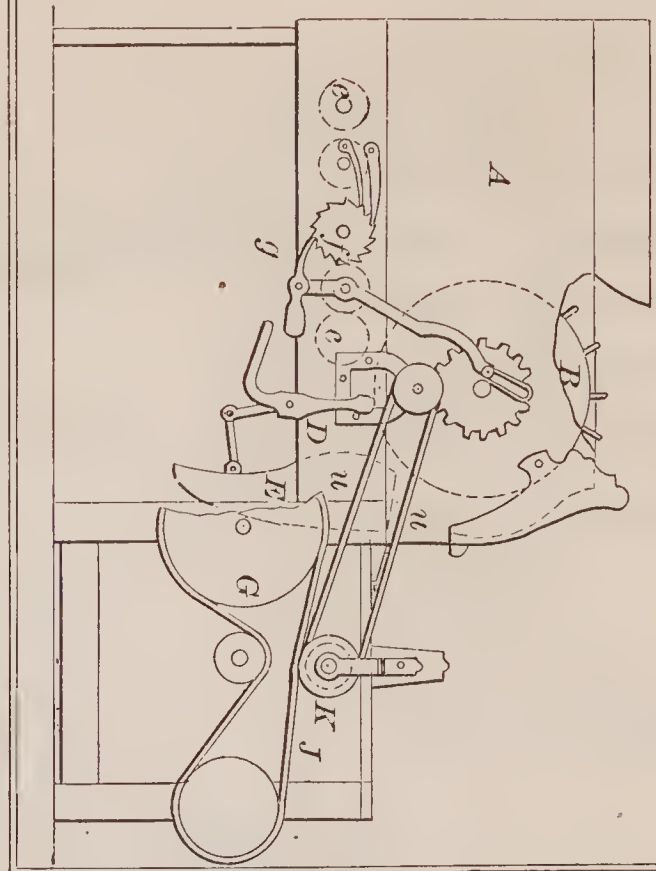
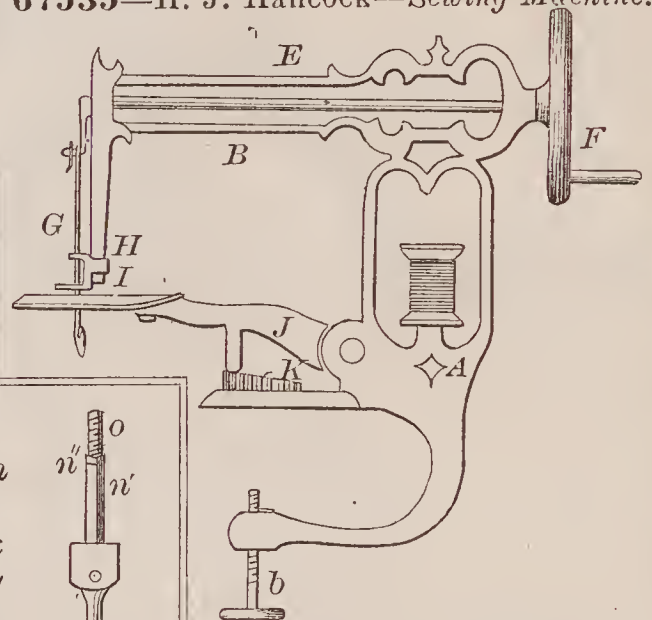
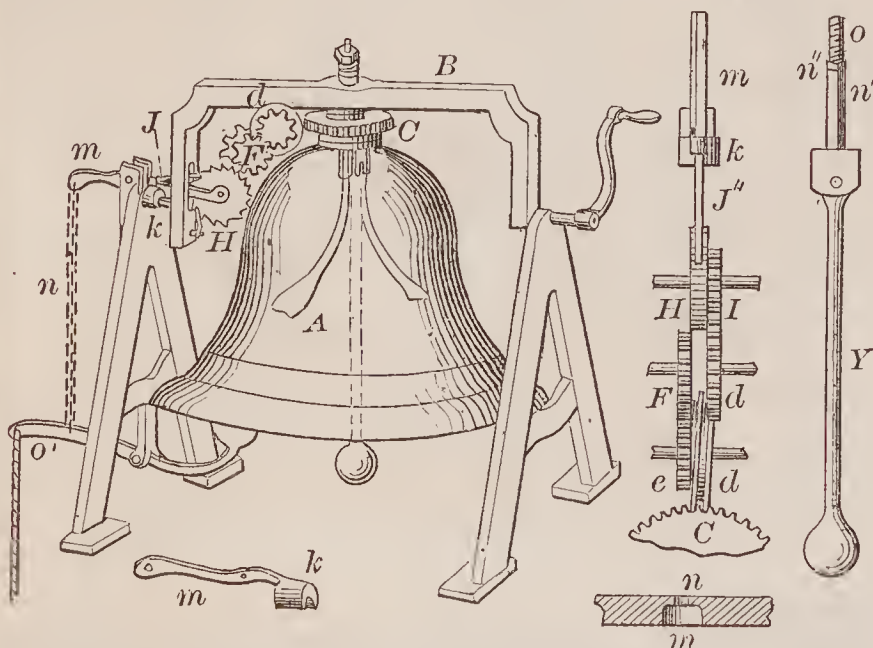
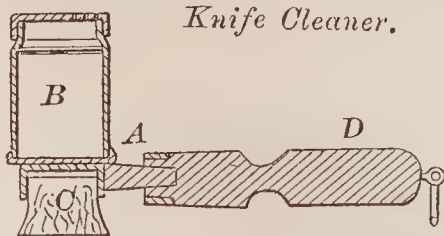
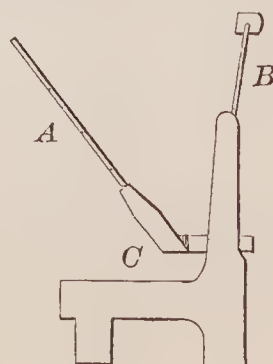
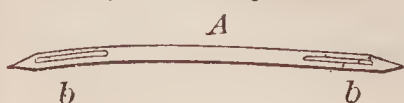
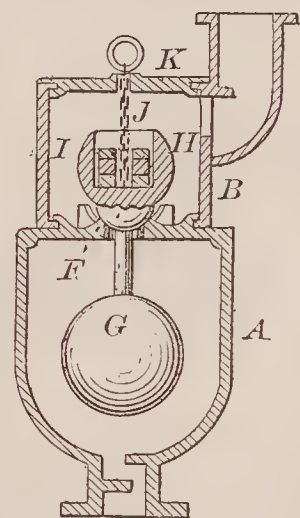
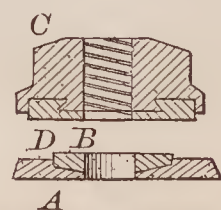


67530—H. Getty—*Tube Cutter.*

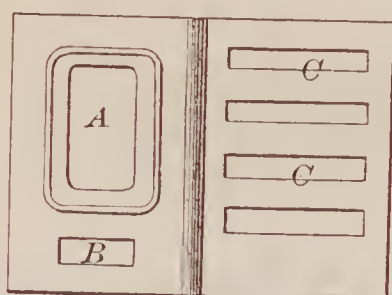


67529—J. Gardiner—*Cocoa Nut Cutter and Grater.*

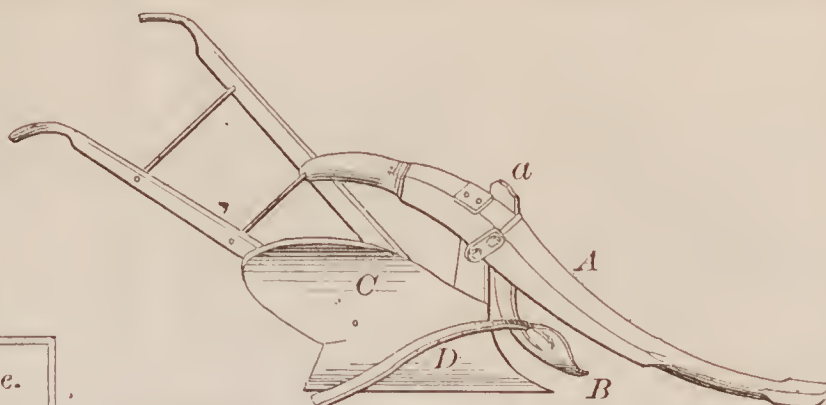


67531—C. Graham—*Hydrostatic Press.*67533—S. Z. Hall—*Feeding Attachment for Cotton Gins.*67535—H. J. Hancock—*Sewing Machine.*67537—J. Harrison—*For Ringing Bells.*67534—J. F. Hammond—*Knife Cleaner.*67532—W. A. Griffeth—*Mosquito Net Frame.*67536—H. A. M. Harris—*Needle for Sewing Machines.*67538—J. G. Harrison—*Steam Safety Valve.*67539—D. B. Hart—*Nut and Washer.*

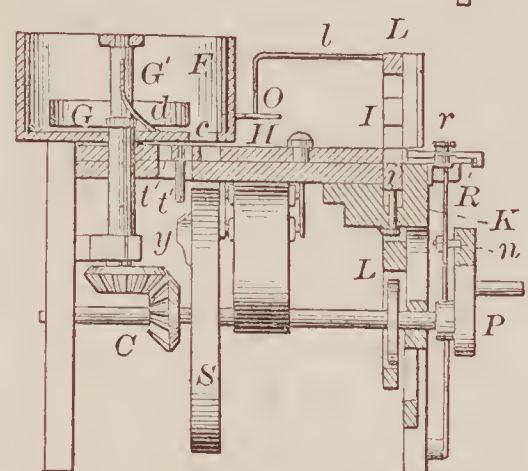
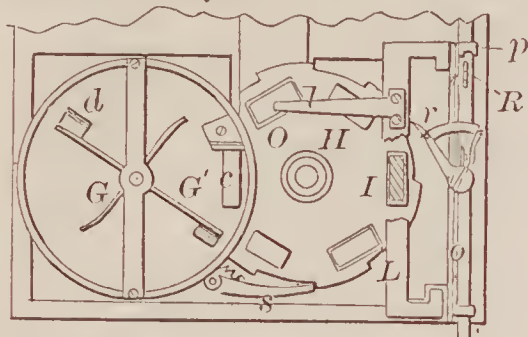
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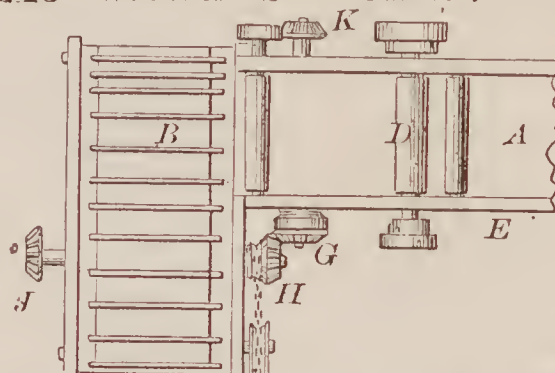
67542—J. C. Henry—*Plow.*



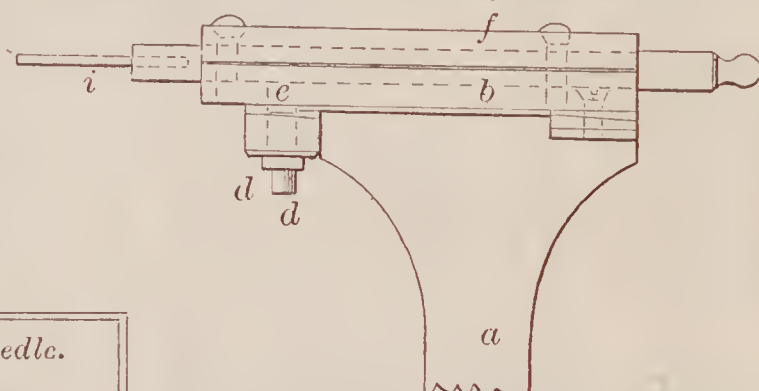
67541—P. Hayden—*Brick Machine.*



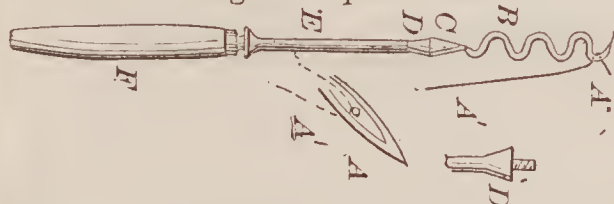
67543—W. Hiler—*Straw Carrier.*



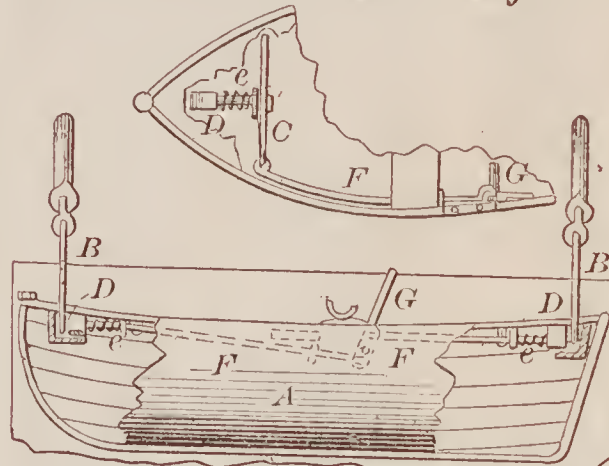
67544—A. C. Hobbs—*Sewing Machine.*



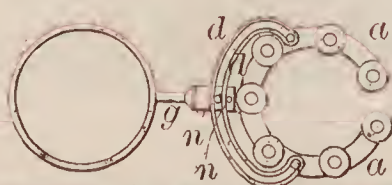
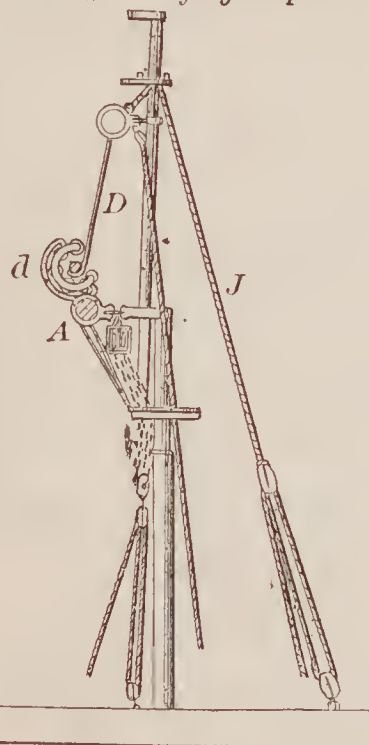
67545—S. Hodgins—*Spiral Fissure Needle.*



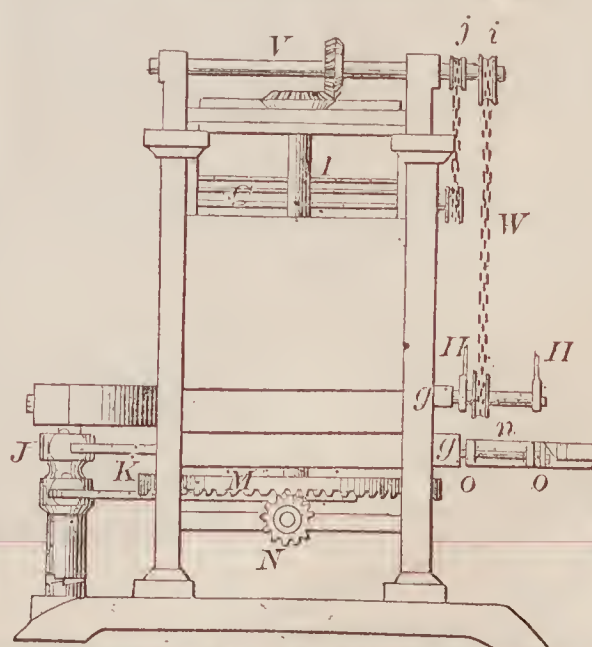
67547—L. Hover—*Boat Detaching Tackle.*



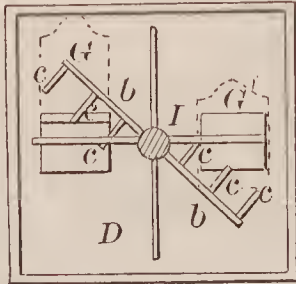
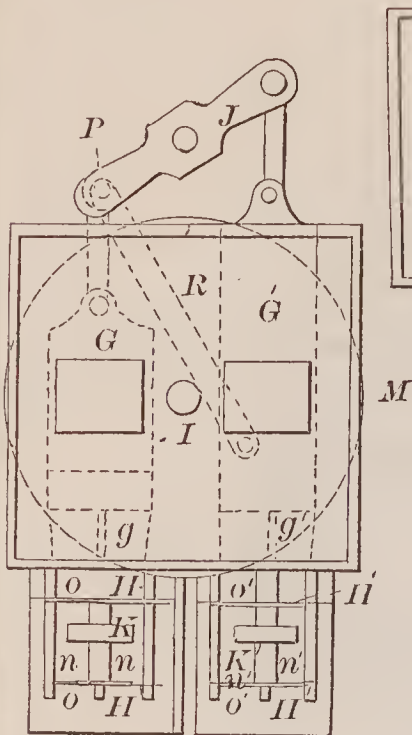
67546—F. Höök—*For Reefing Top Sails.*



67548—W. H. Hovey—*Brick Machine.*



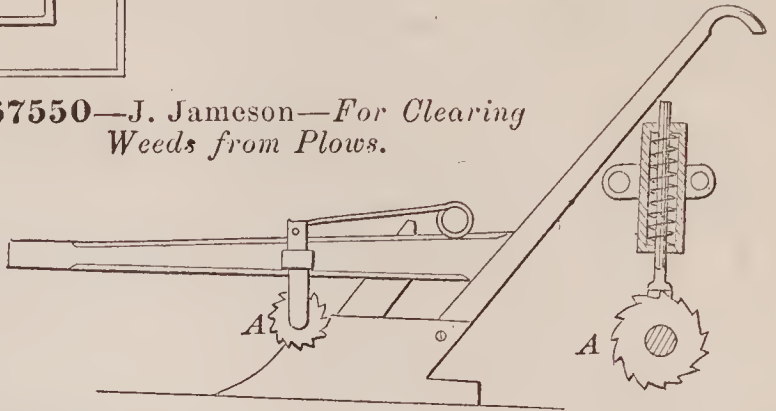
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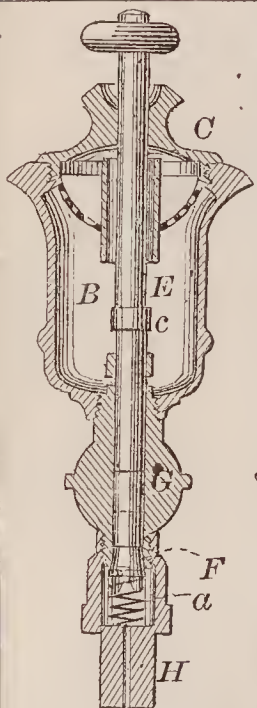
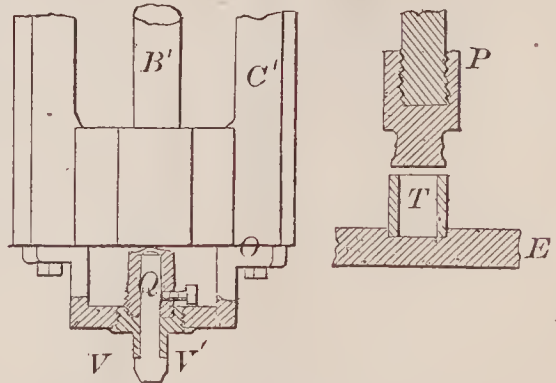
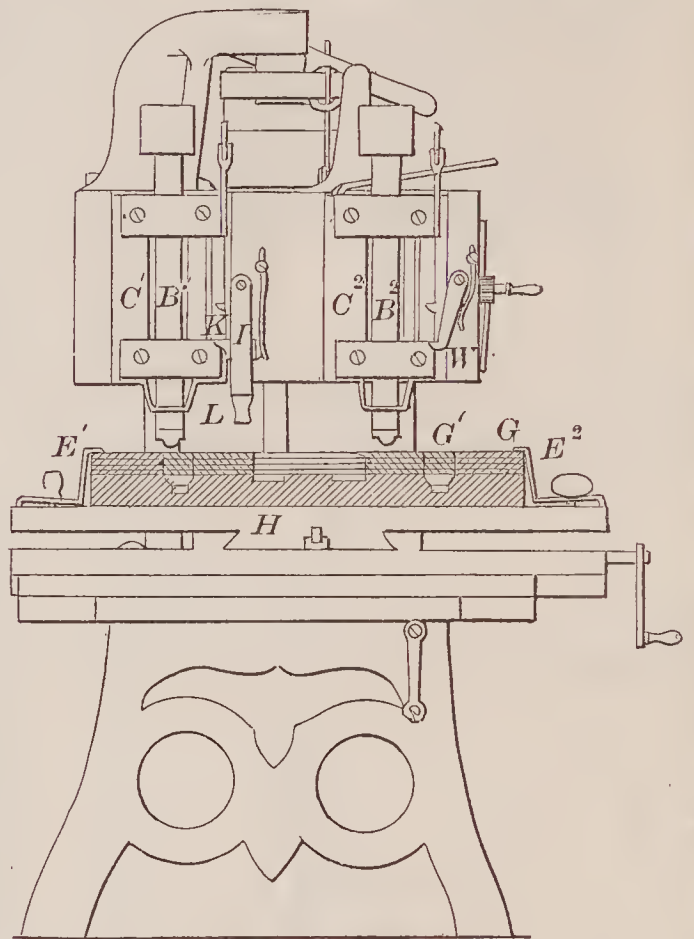
67549—O. D. Hunter—Bolt.



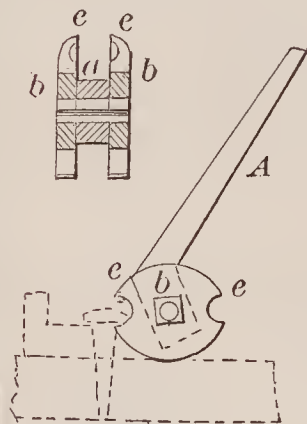
67550—J. Jameson—For Clearing Weeds from Plows.



67553—N. Jenkins—For Making Mouldings.

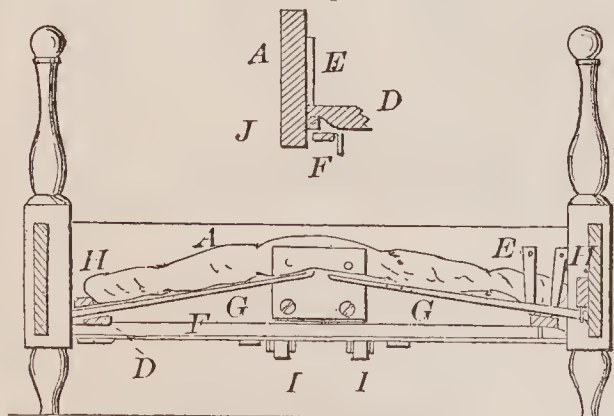


67551—H. & C. Jarecki—Engine Lubricator.

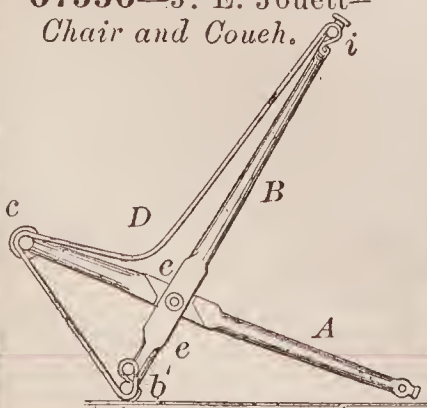


67552—H. Jeffrey—Nail Extractor.

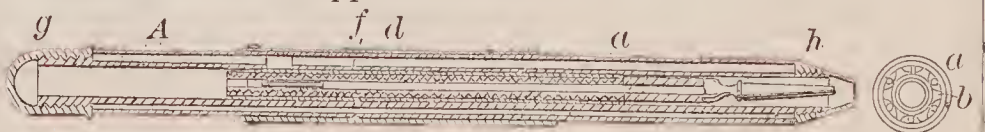
67554—S. C. Jennings—Bed Bottom.



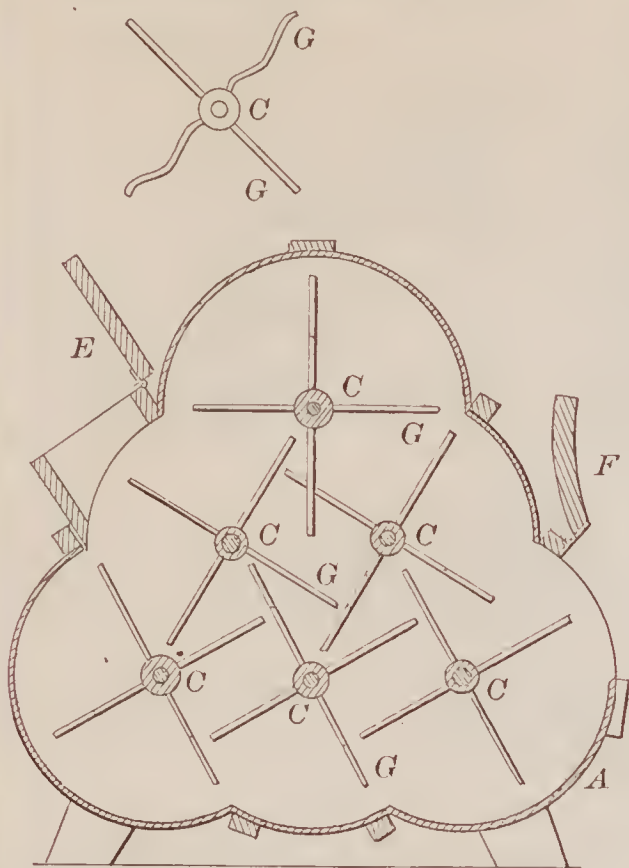
67556—J. E. Jouett—Chair and Couch.



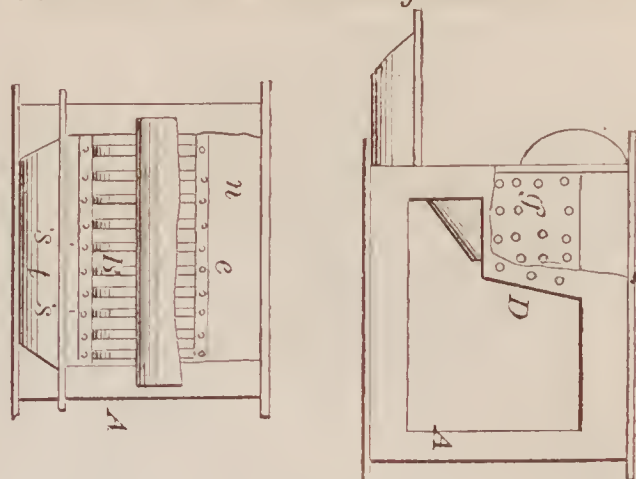
67558—J. H. Knapp—Pencil Case.



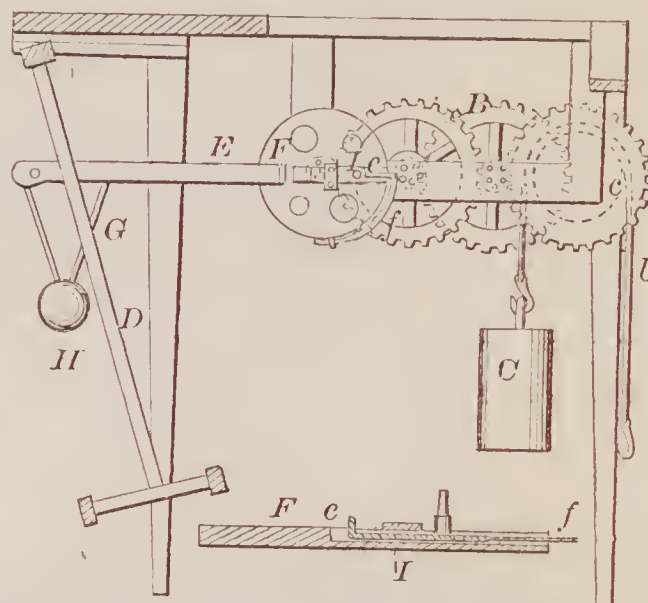
67559—A. J. Loiseau—*For Cleaning and Bleaching Fibrous Material.*



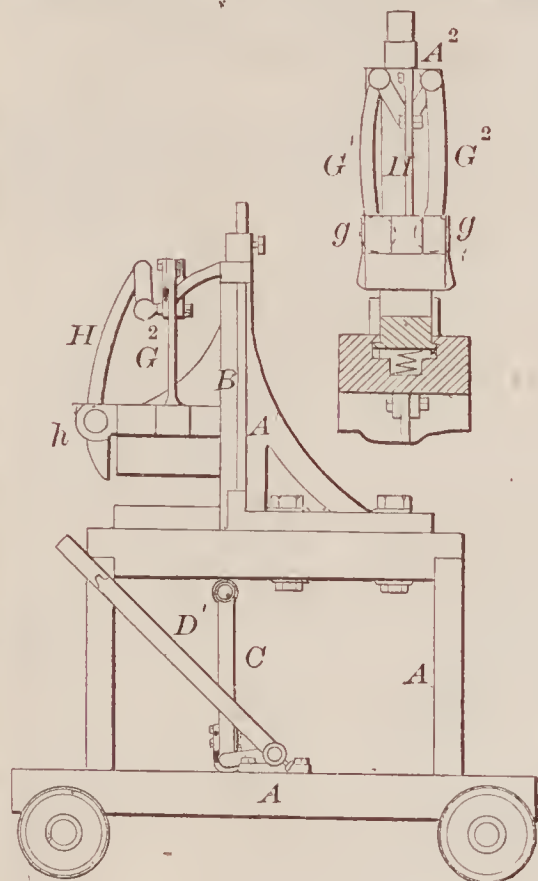
67560—P. Low—*Cooking Stove.*



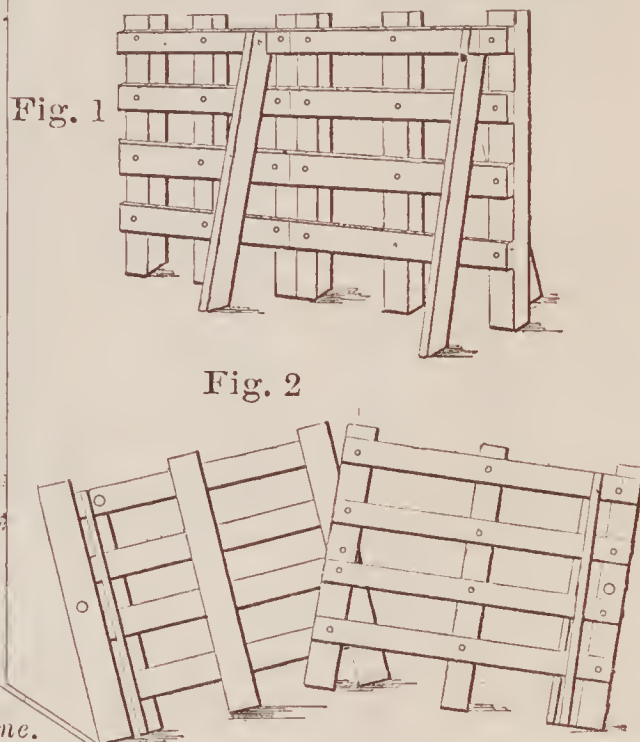
67562—W. A. McReynolds—*Table Fan.*



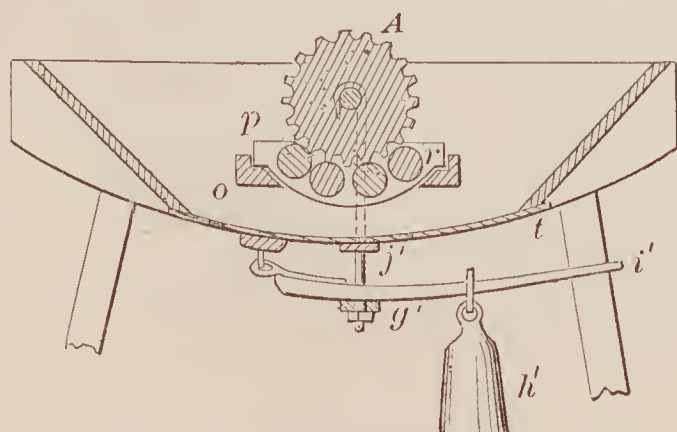
67561—J. McDonald—*Brick Machine.*



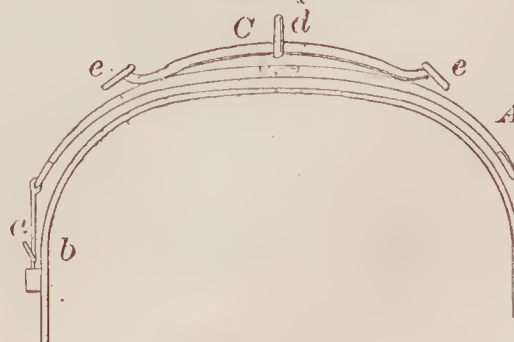
67564—S. Miles—*Portable Fence.*

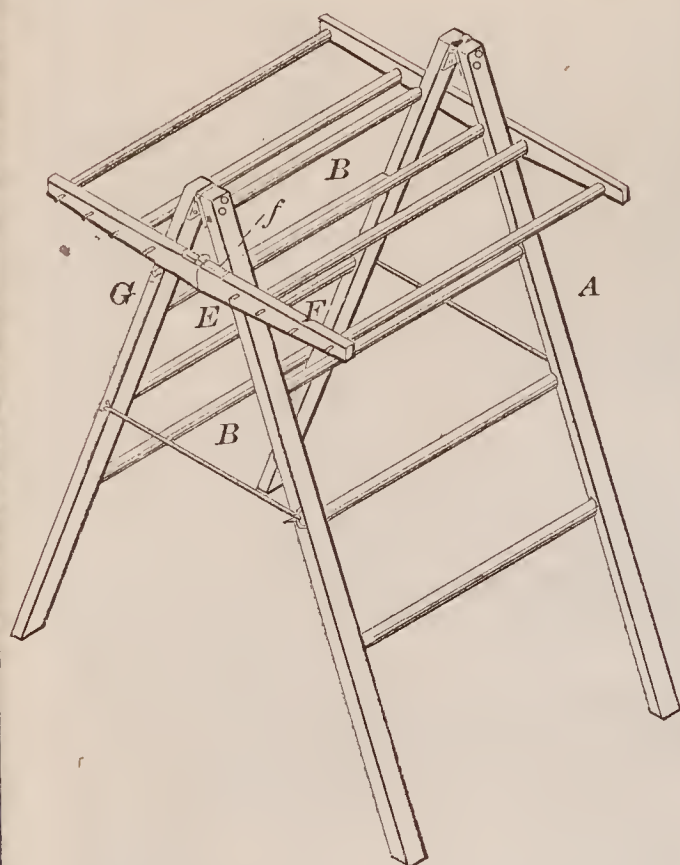
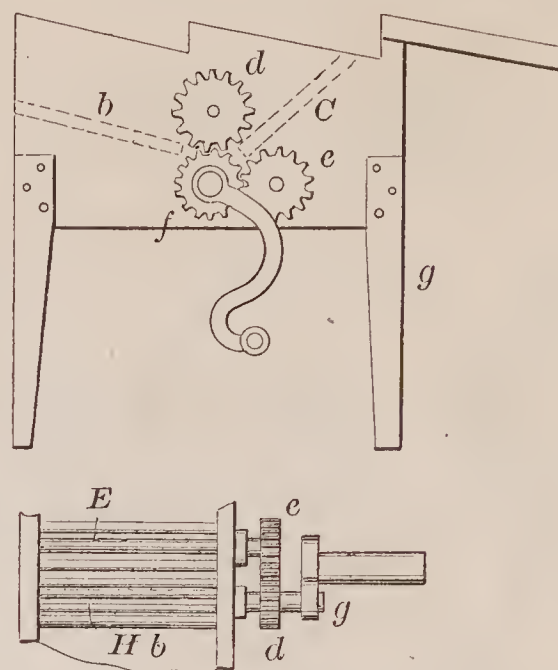
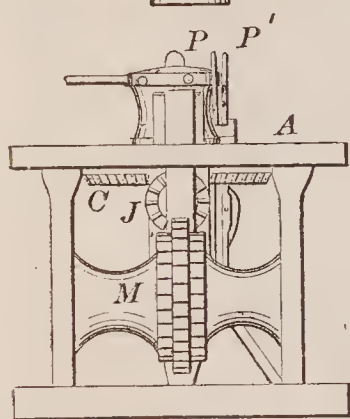
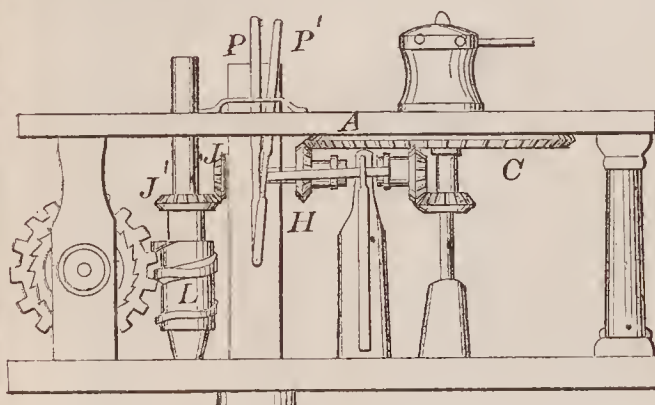
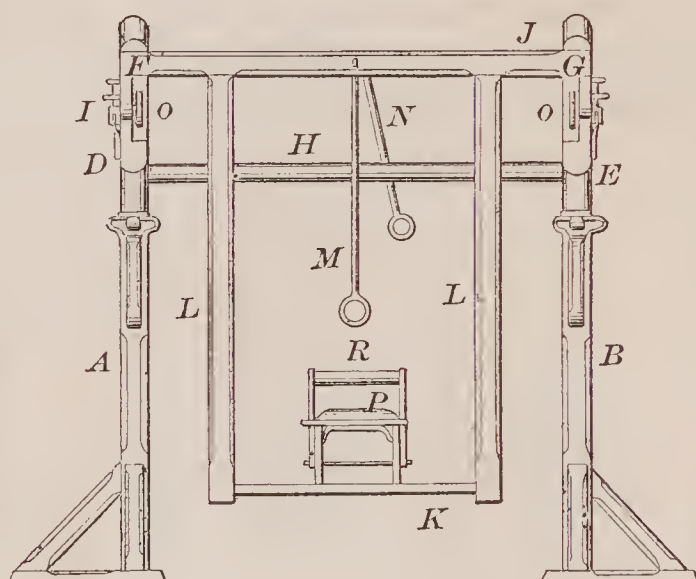
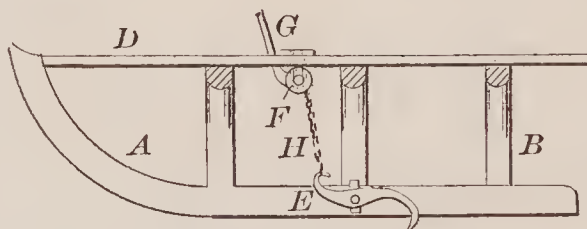
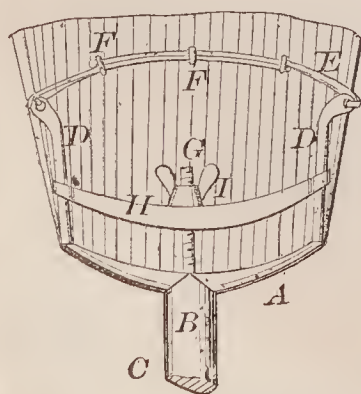
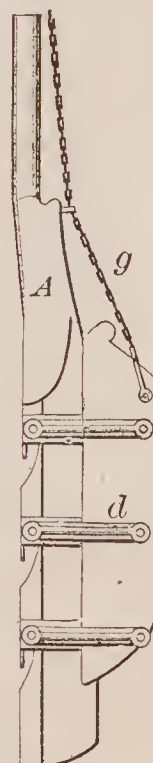


67565—P. H. Munson—*Washing Machine.*

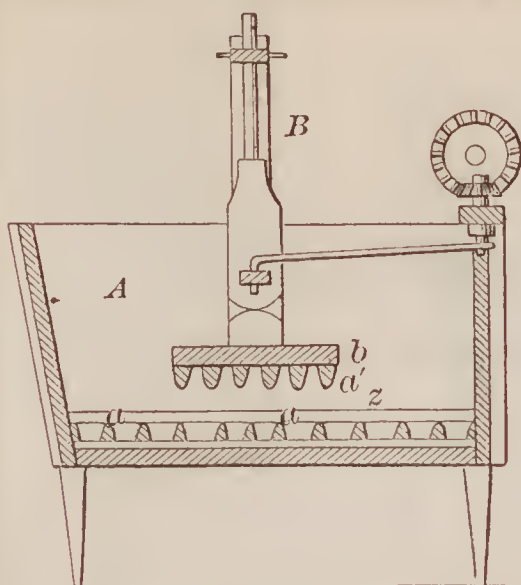


67566—J. M. Myers—*Breast Collar and Spreader.*

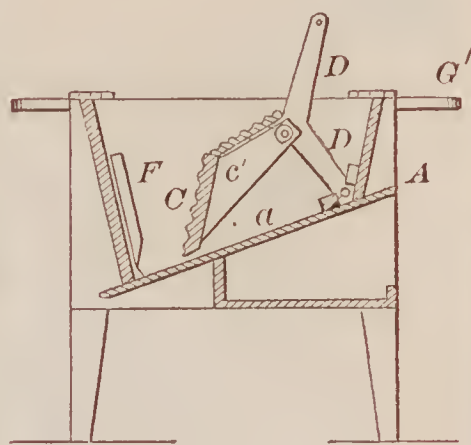


67567—J. J. Newman—*Clothes Dryer.*67568—I. C. Nichols—*Beef Steak Preparer.*67569—D. P. Nickerson—*Windlass.*67571—A. B. Nott—*Swing.*67570—W. A. Niver—*Sleigh Brake.*67573—T. G. Packer—*Broom Head.*67572—E. H. Olmstead—*Railway Car Seat.*67574—J. C. Palmer—*Rudder.*

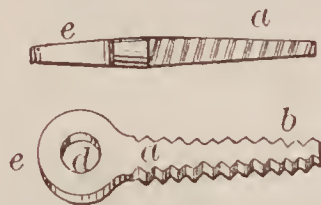
67575—N. Palmiter—*Washing Machine.*



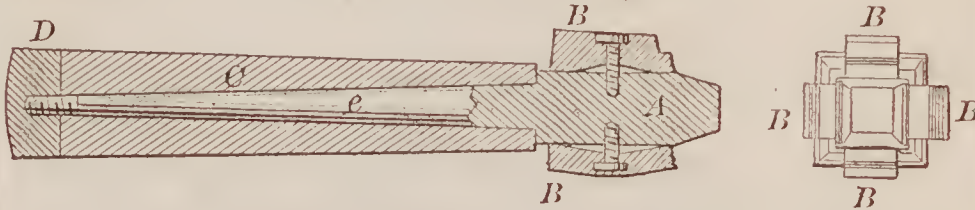
67581—M. S. Prentice—*Washing Machine.*



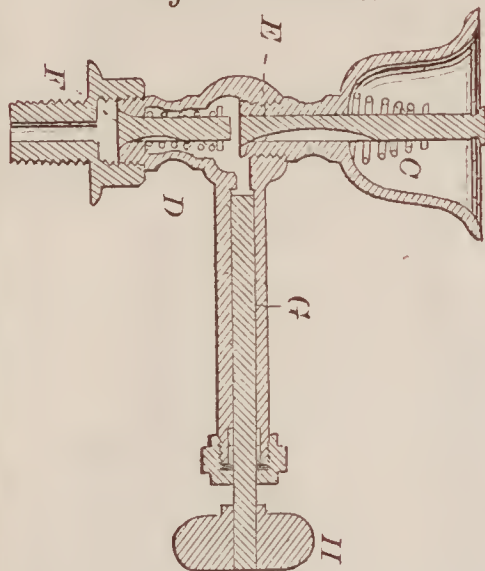
67578—J. Pepper—*Door Fastener.*



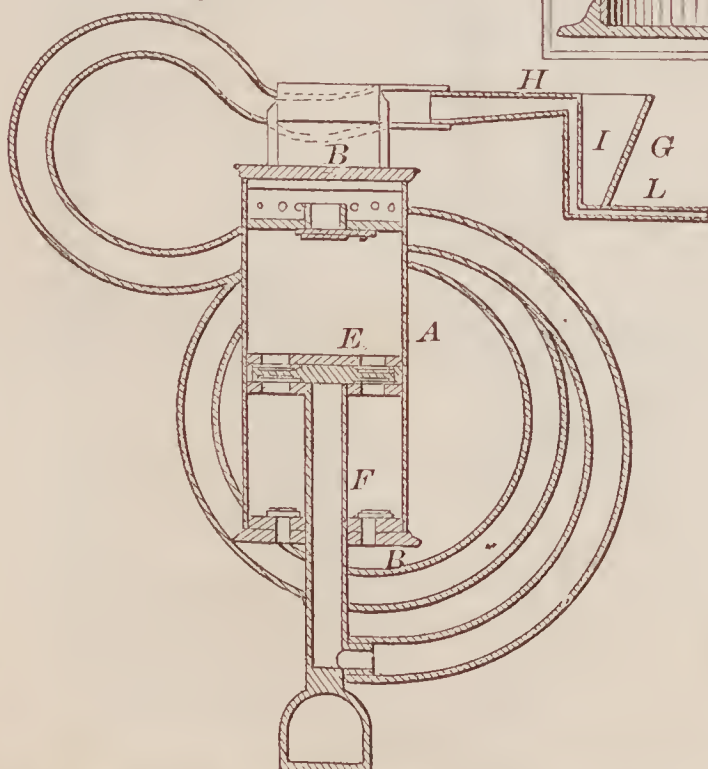
67579—O. P. Pettengill—*Sole Finishing Tool.*



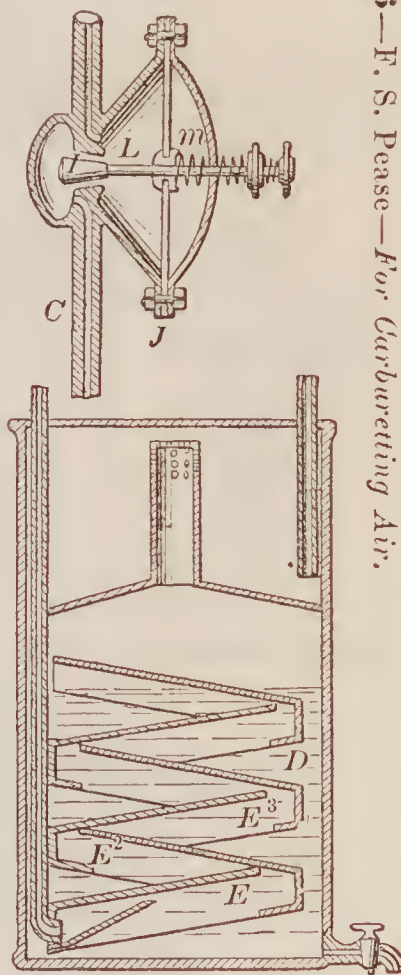
67577—T. G. Pelton—*Steam Engine Lubricator.*



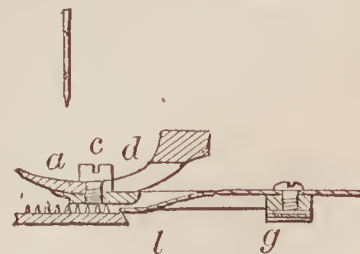
67580—E. W. Poston—*Sand Ejector.*



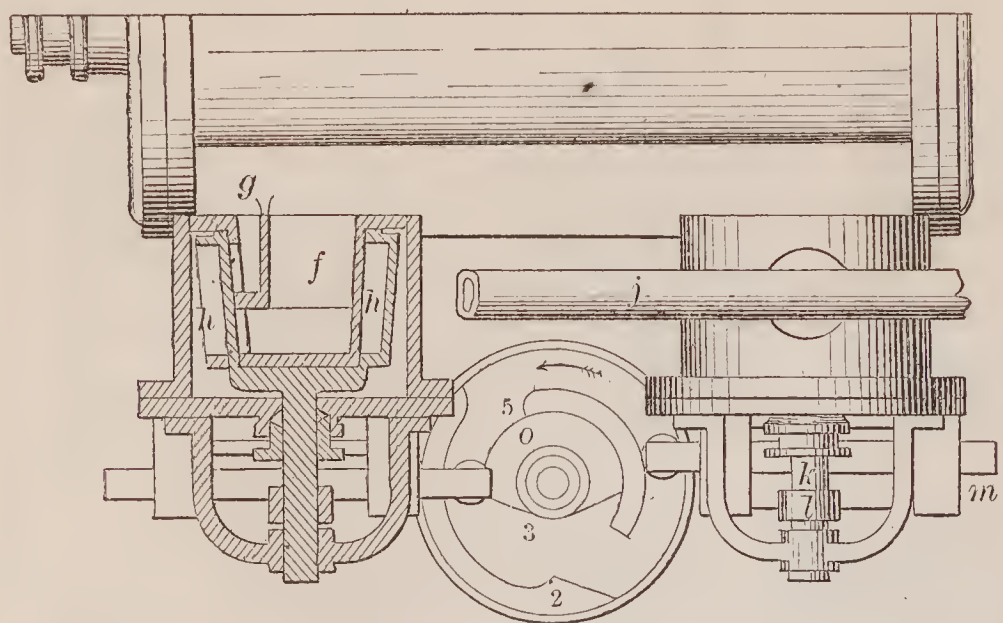
67576—F. S. Pease—*For Carburetted Air.*



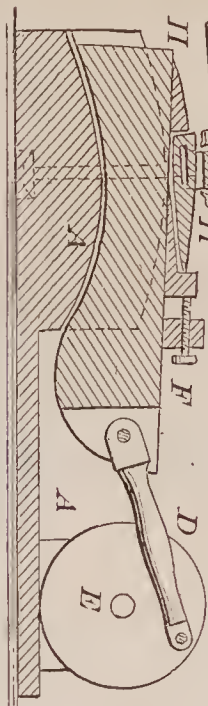
67582—T. K. Reed—*Gathering Device for Sewing Machines.*



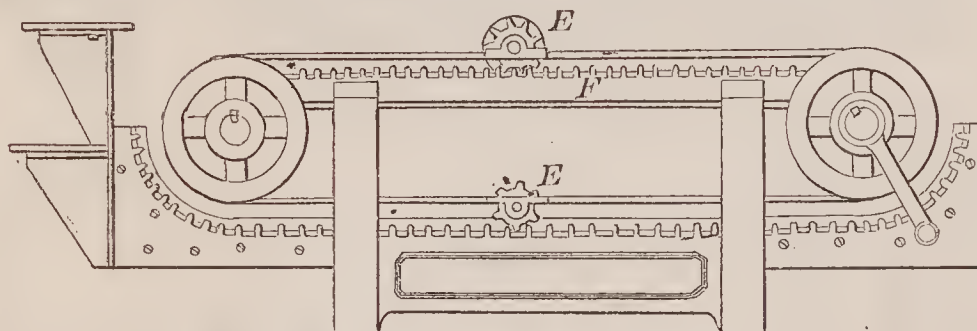
67583—E. Reynolds—*Steam Engine Valve.*



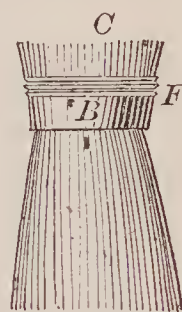
67534—H. C. Reynolds—*For Shaving Axes.*



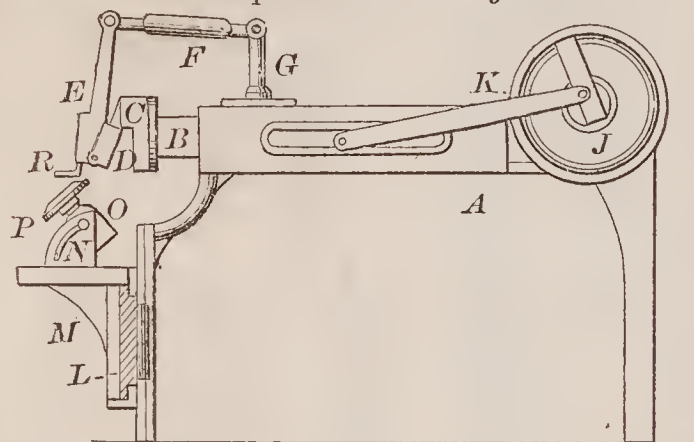
67586—L. Rodney—*Printing Press.*



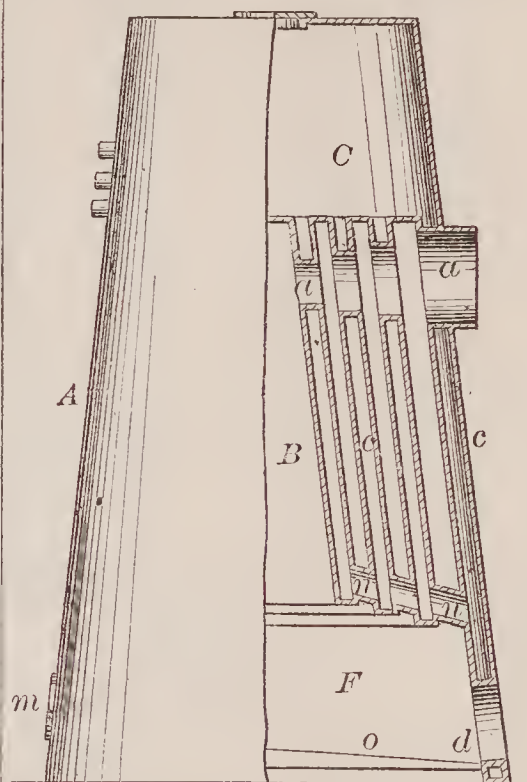
67588—H. Rosenthal—
Paint Brush.



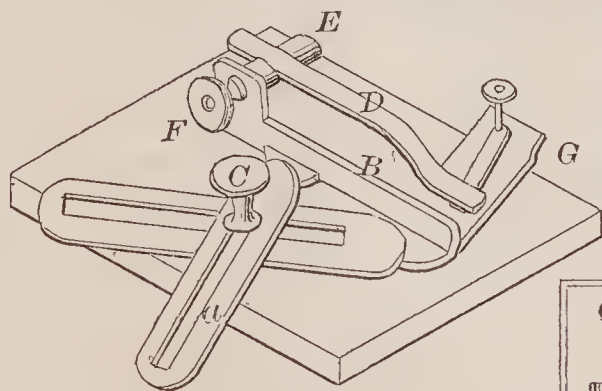
67587—C. E. Roper—*For Cutting Bevel Gears.*



67589—A. Rowe—*Steam Generator.*



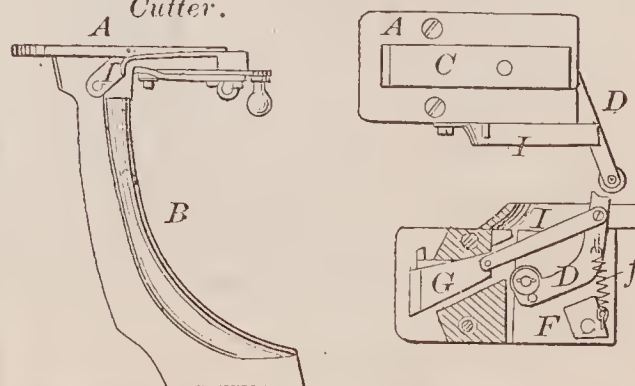
67590—Safford & Masters—*Sewing Machine Guide*.



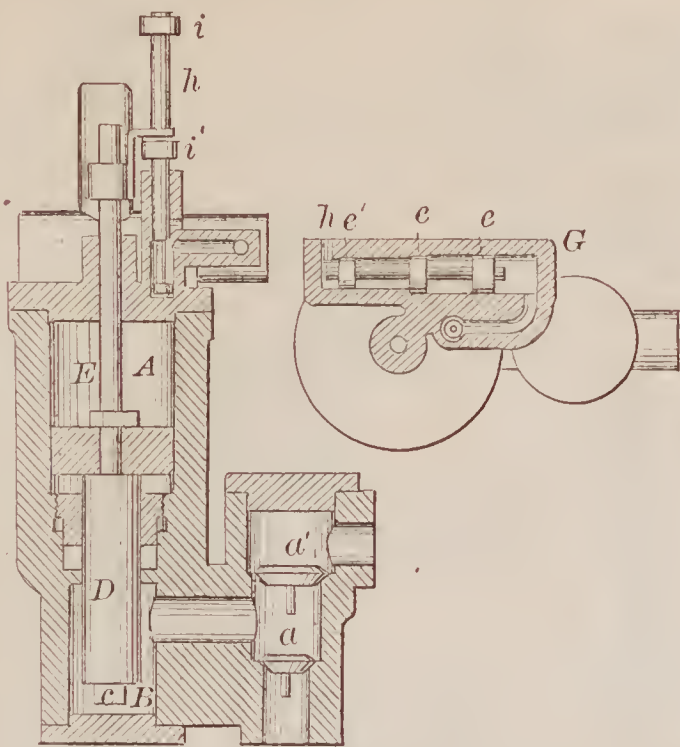
67585—G. W. Robbins—*Bed Bottom.*



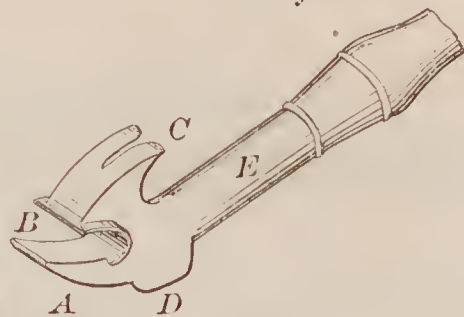
67591—J. A. Sawyer—*Thread Holder and Cutter.*



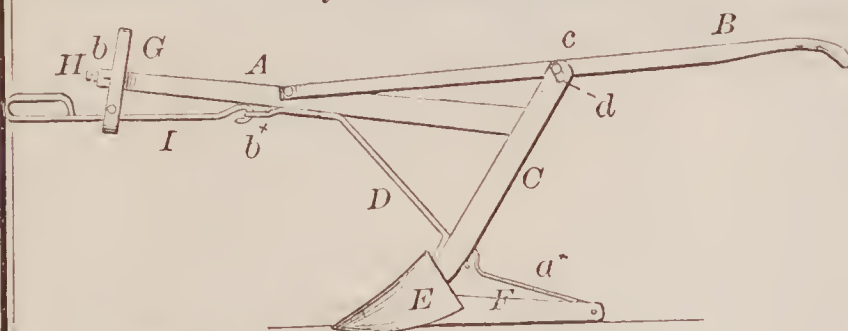
67592—R. Schmidt—*Steam Pump.*



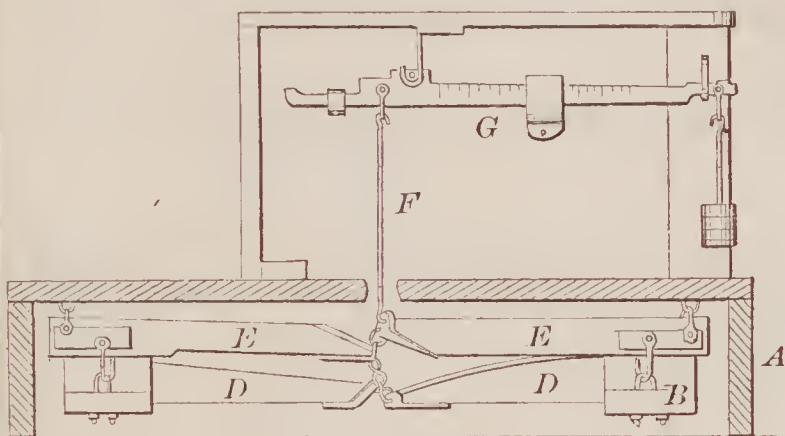
67593—G. B. Scribner—*Stove Lid Lifter.*



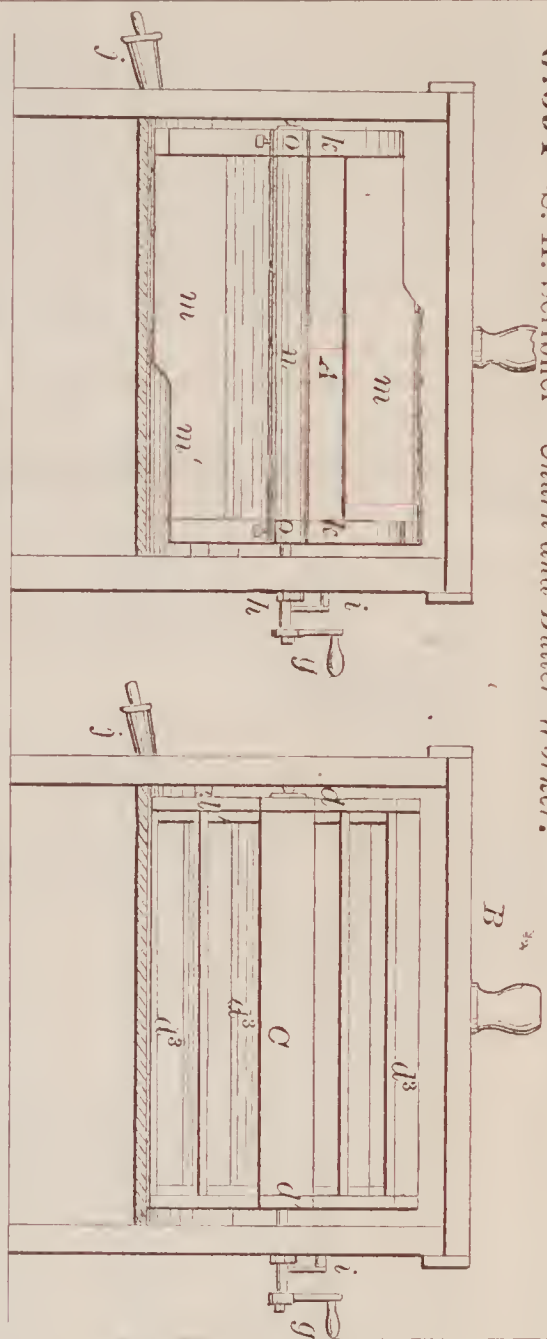
67595—S. F. Seely—*Cultivator and Plow.*



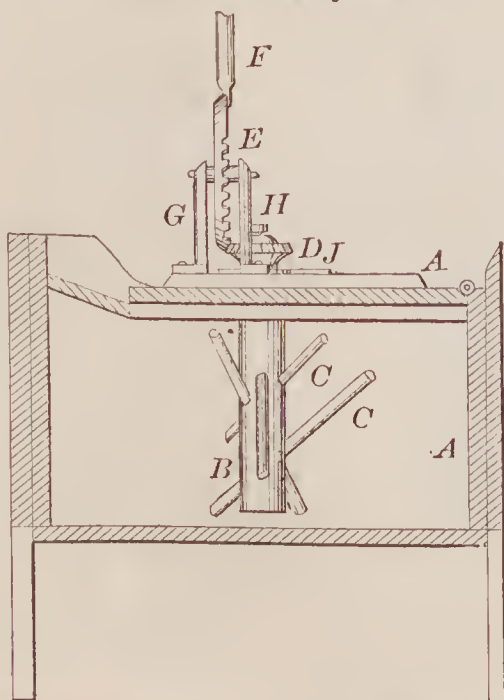
67596—L. M. Severance—*Platform Scales.*



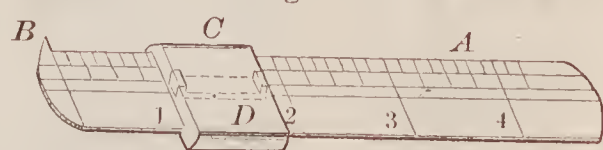
67594—S. H. Scribner—*Churn and Butter Worker.*



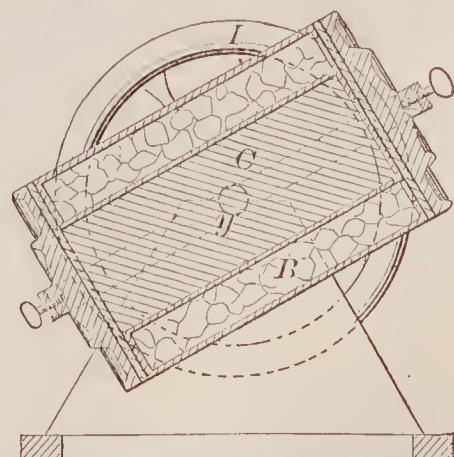
67597—H. Sidle—*Washing Machine.*

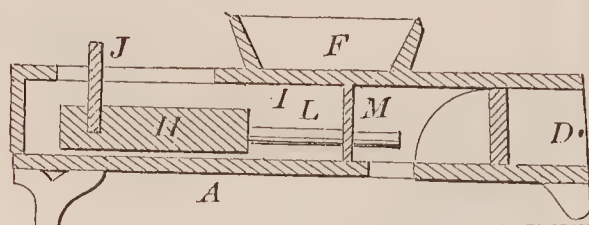
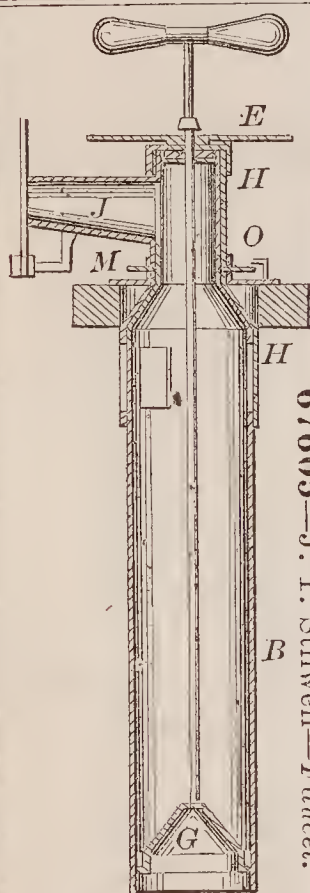
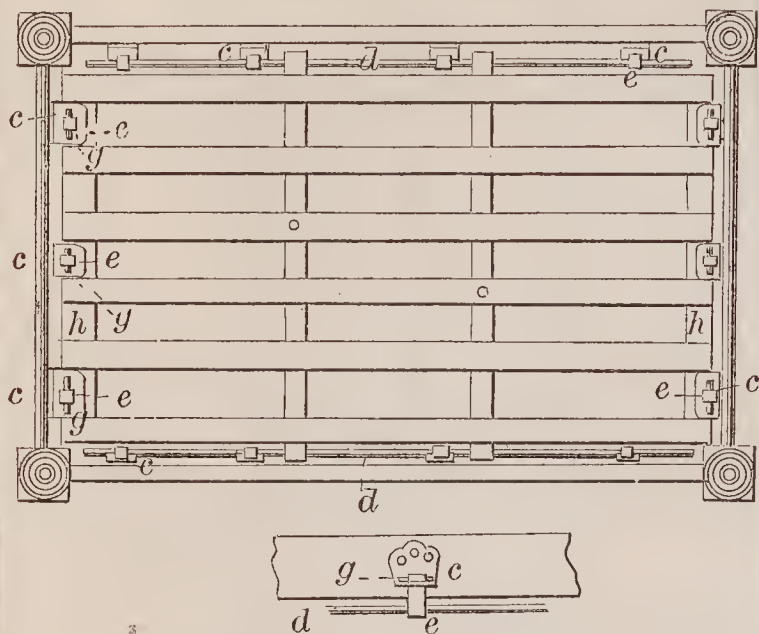
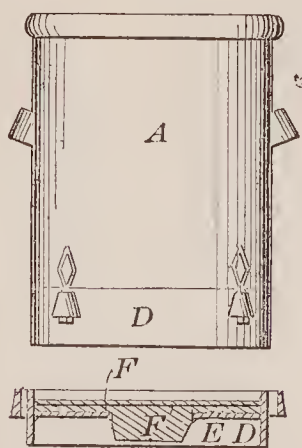
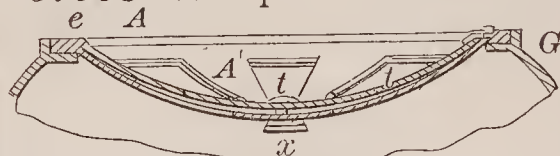
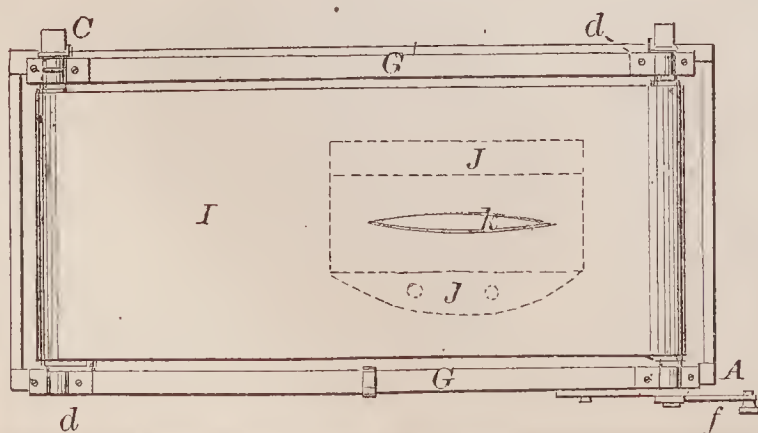
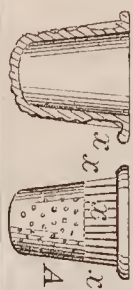
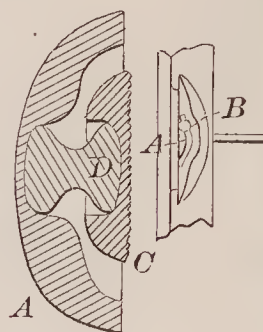
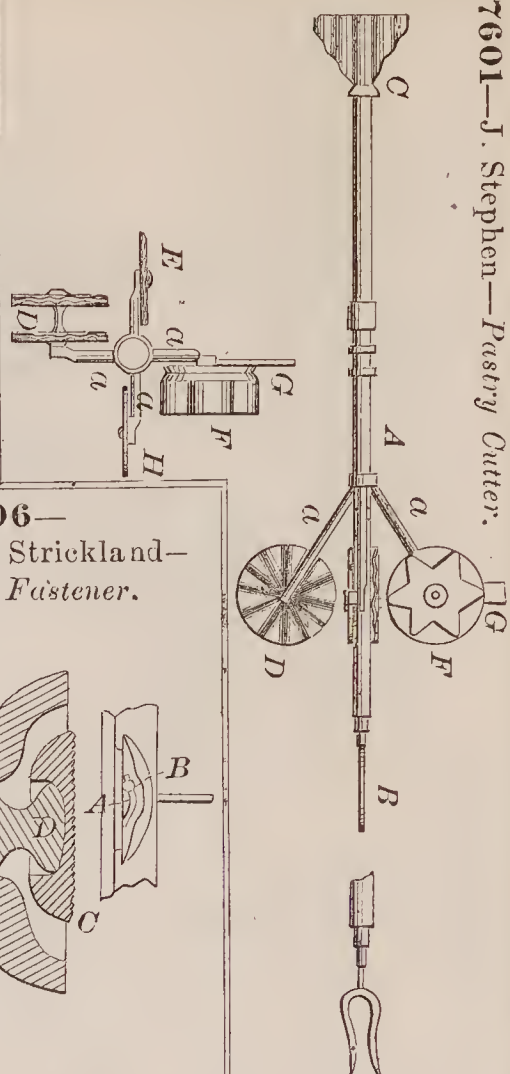
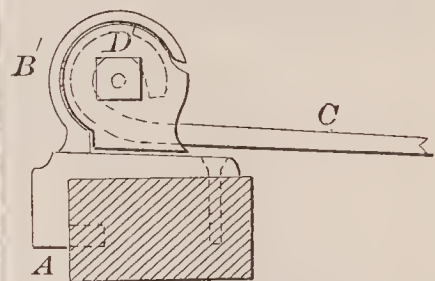
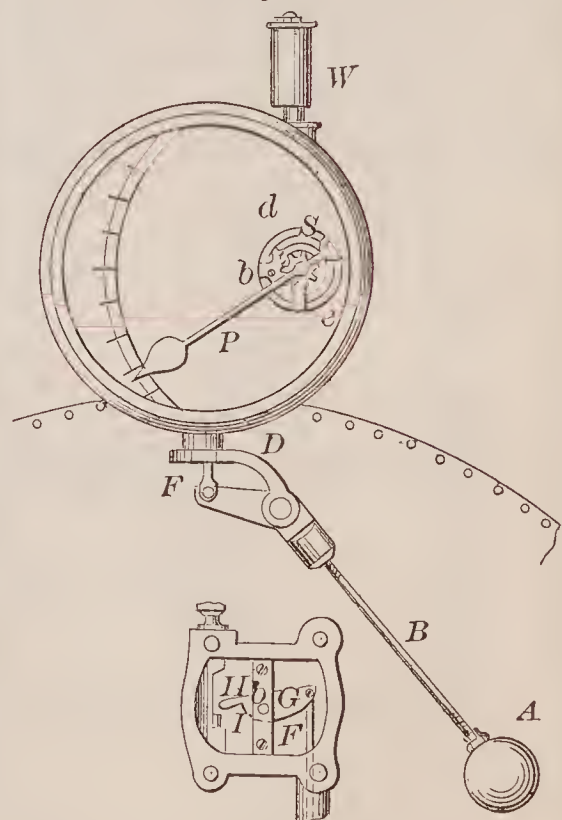


67598—J. T. Siegert—*Heel Measure.*

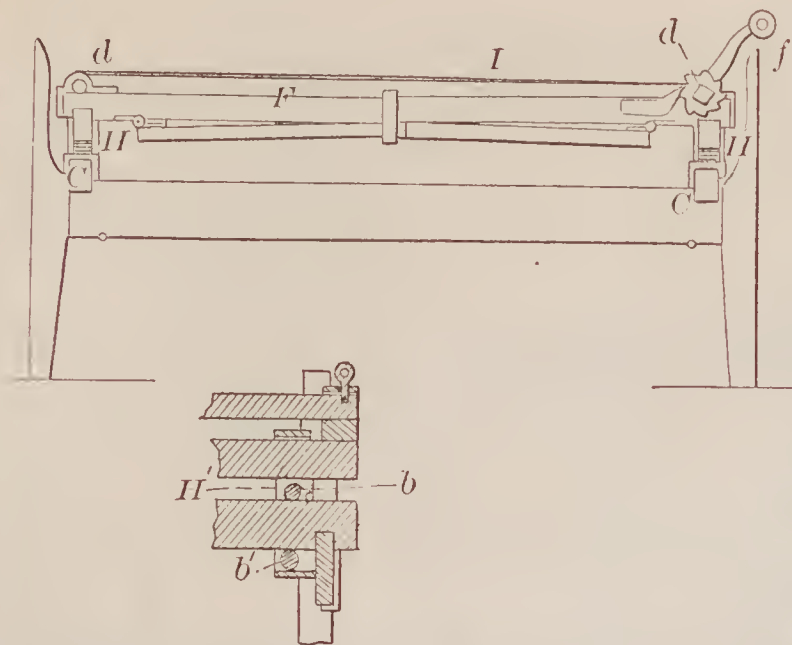


67599—W. H. Skerrett—*Ice Cream Freezer.*

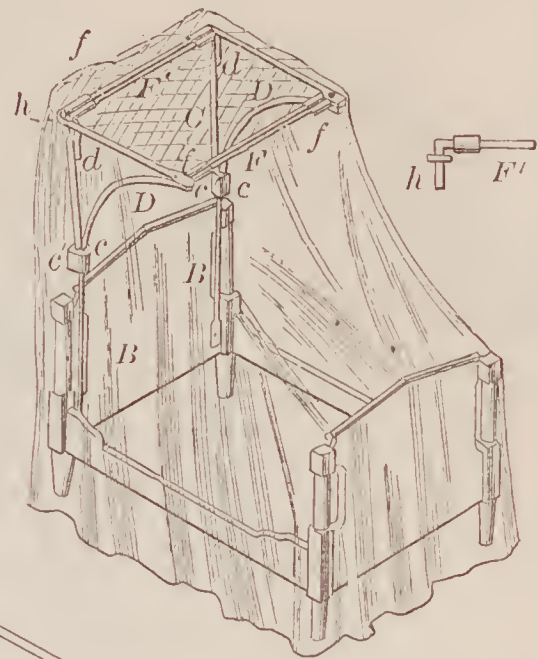


67600—E. Smith—*Cherry Stoner.*67604—W. Stickney—*Bed Bottom.*67605—J. T. Stilwell—*Pump.*67603—J. Stephen—*Pot Hole Lid.*67667—L. A. Sunderland—*Dairy Can.*67610—N. Teal—*Invalid Bed Attachment.*67602—J. Stephen—*Lady's Thimble.*67606—S. E. Strickland—*Sash Fastener.*67601—J. Stephen—*Pastry Cutter.*67609—B. C. Taylor—*Horse Rake.*67608—D. M. Swain—*Boiler Water Gauge.*

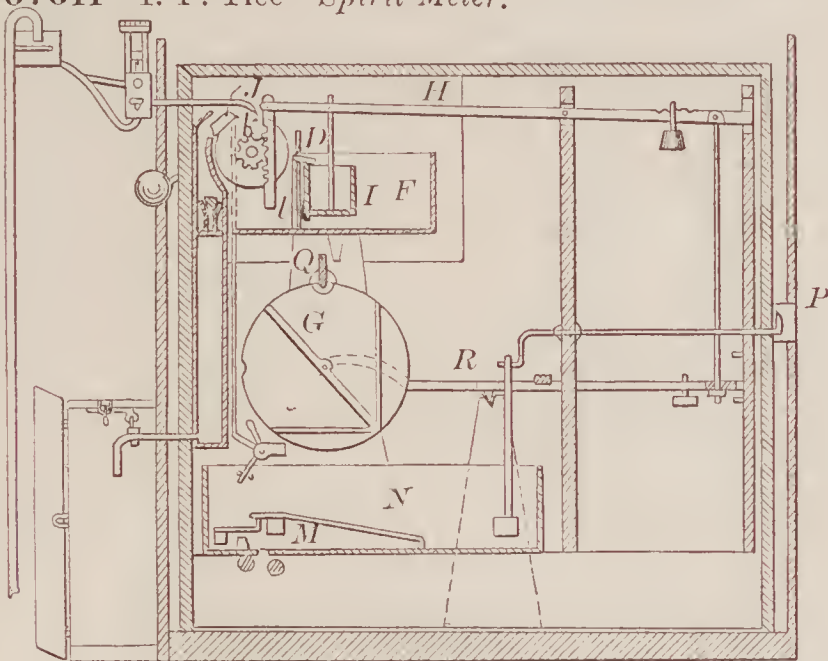
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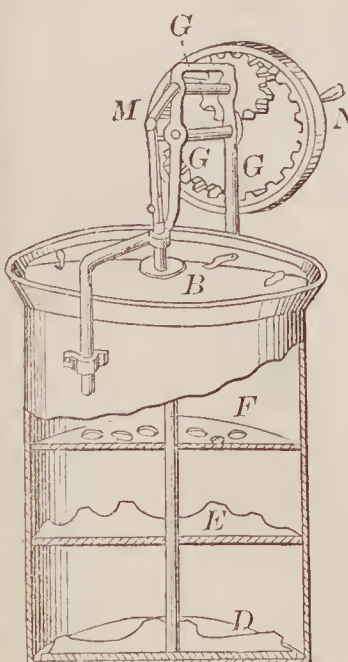
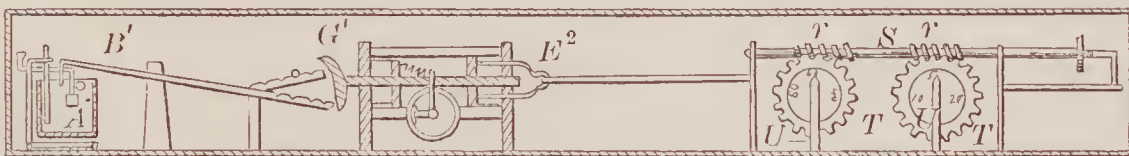
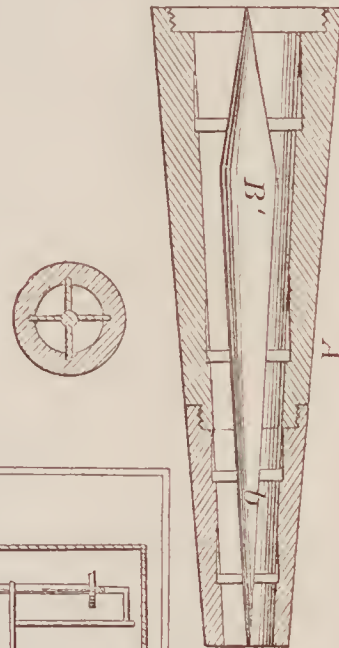
67612—M. L. Treadwell—Mosquito Net.



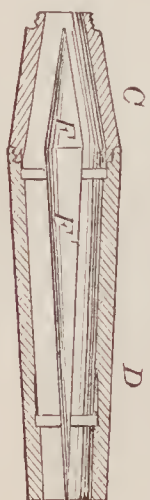
67611—I. P. Tice—Spirit Meter.



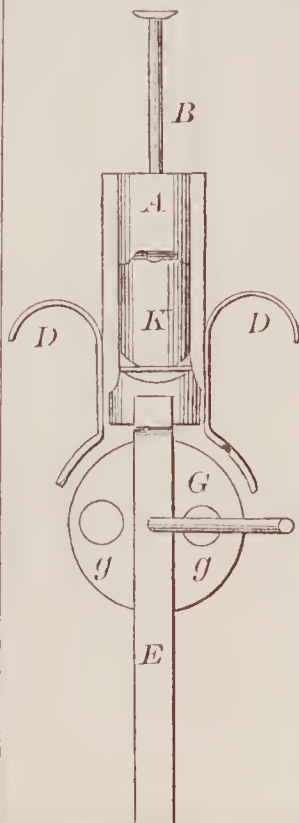
67613—J. Trees—Hose Nozzle.



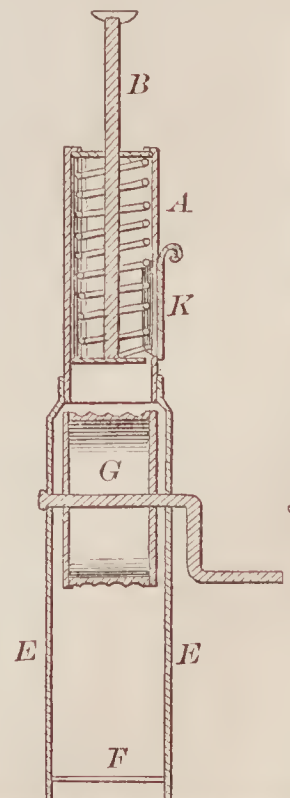
67615—C. A. Van Horn—Churn.



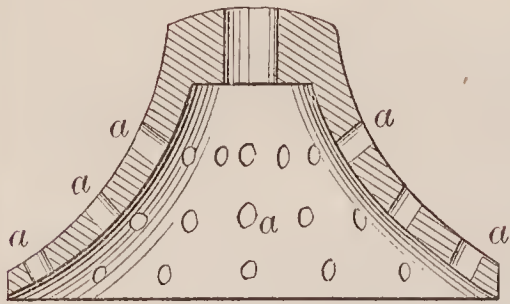
67614—J. Trees—Water Pipe.



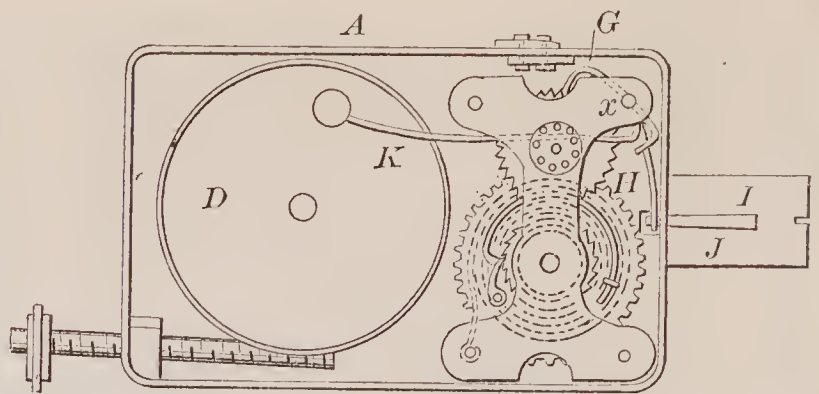
67616—L. Von Frober—Nutmeg Grater.



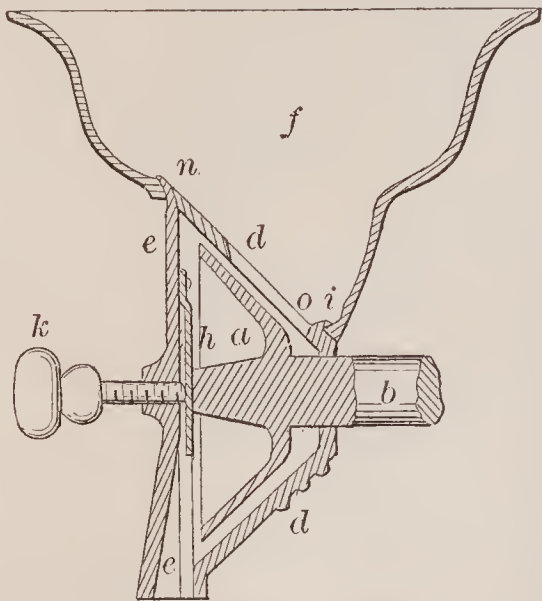
97617—Wallace & Cockerill—*Churn Dasher.*



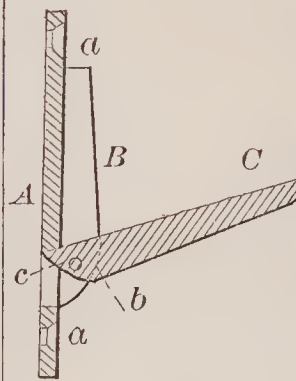
67619—S. Whitaker—*Burglar Alarm.*



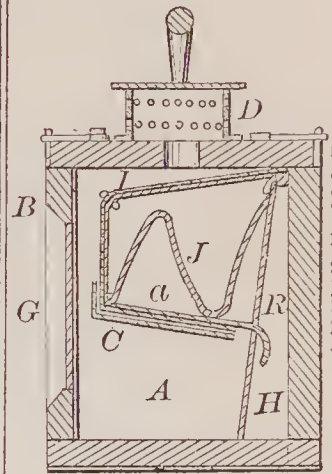
67618—J. Watrous, Jr.—*Coffee Mill.*



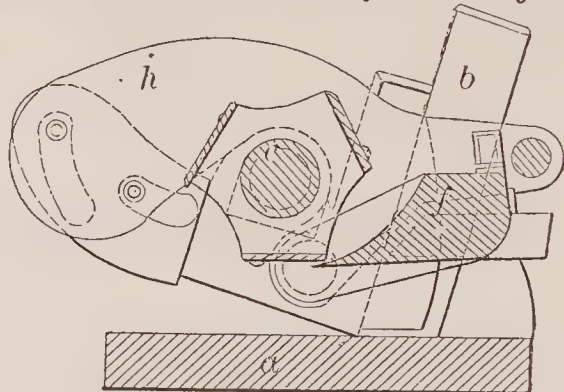
67620—Whitney & Shaw—*Hat Hook for Pens.*



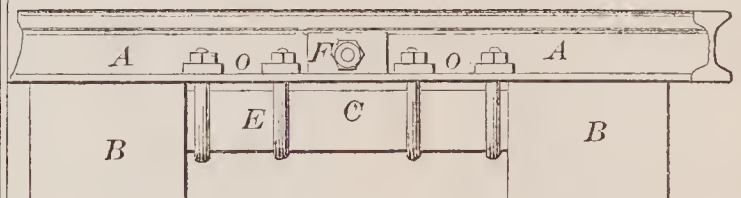
67622—Wirts & Swift—*Lantern and Foot Warmer.*



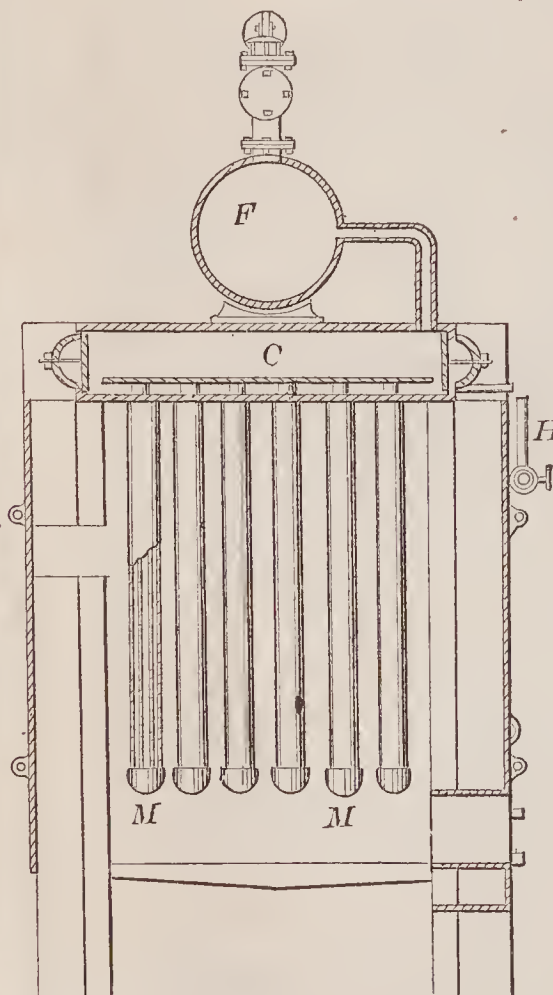
67623—G. E. Woodbury—*Planing Machine.*



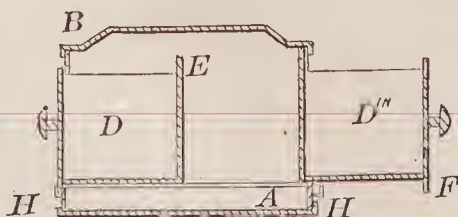
67626—J. Anthony—*Joint Splicer for Railroad Rails.*



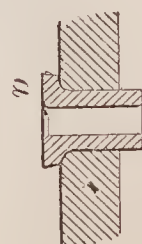
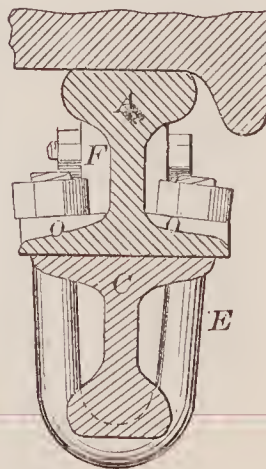
67621—S. L. Wiegand—*Steam Generator.*



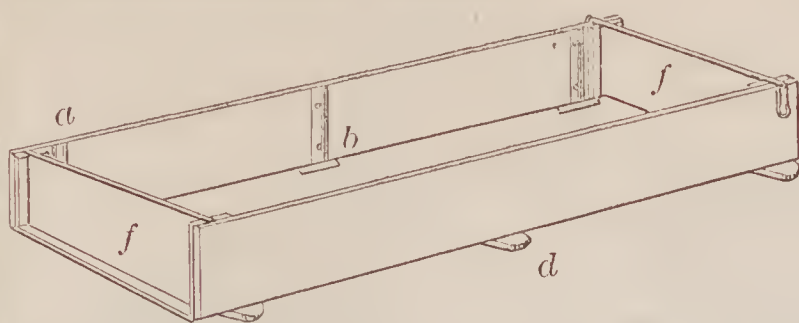
67625—W. E. Andrews—*Spice Box.*



67624—J. E. Wootton—*Rivet.*



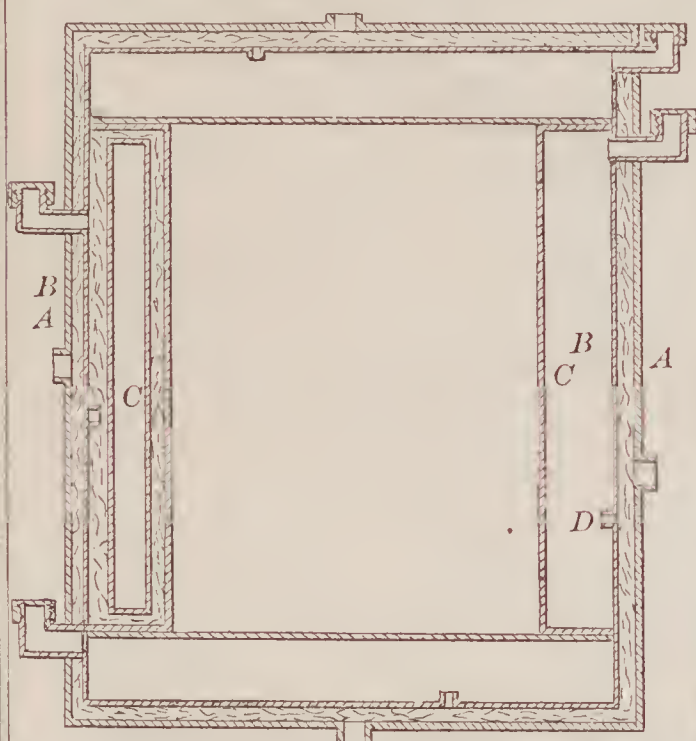
67628—R. Bratton—*Wagon Bed.*



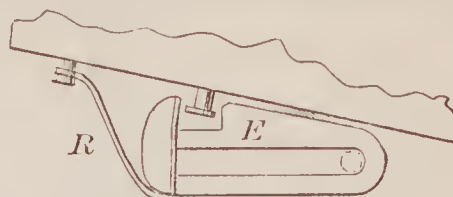
67631—J. H. Burrell, Jr.—*Carriage Coupling.*



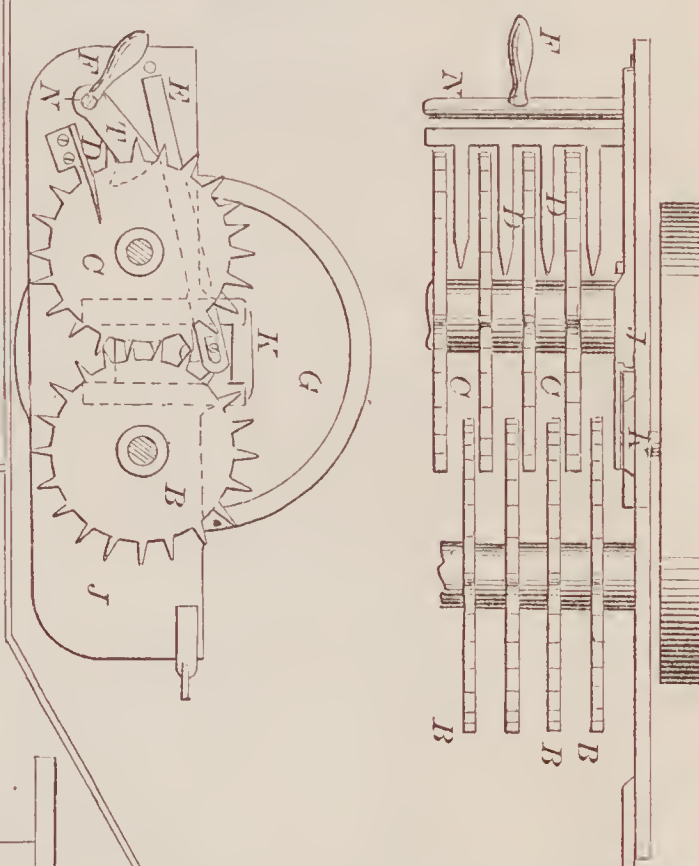
67629—H. H. Bryant—*Filling for Safes.*



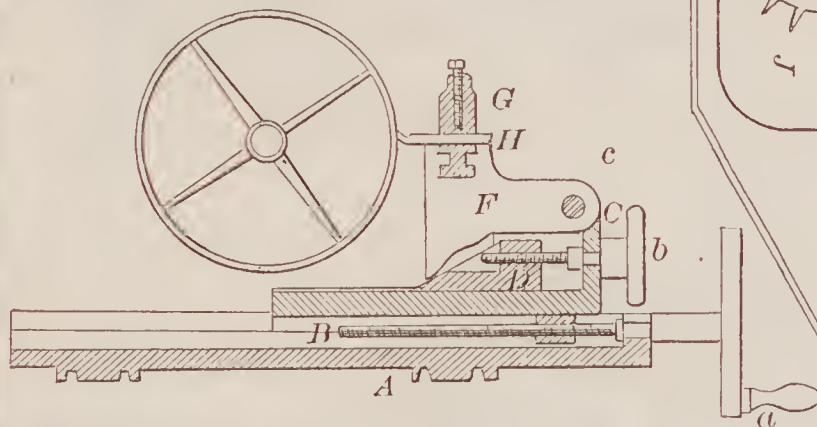
67633—B. F. Carleton—*Window Fastening.*



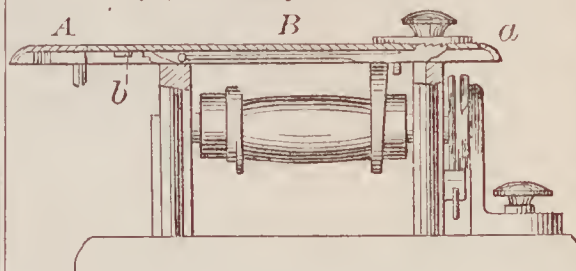
67634—L. Coleman—*Harrow.*



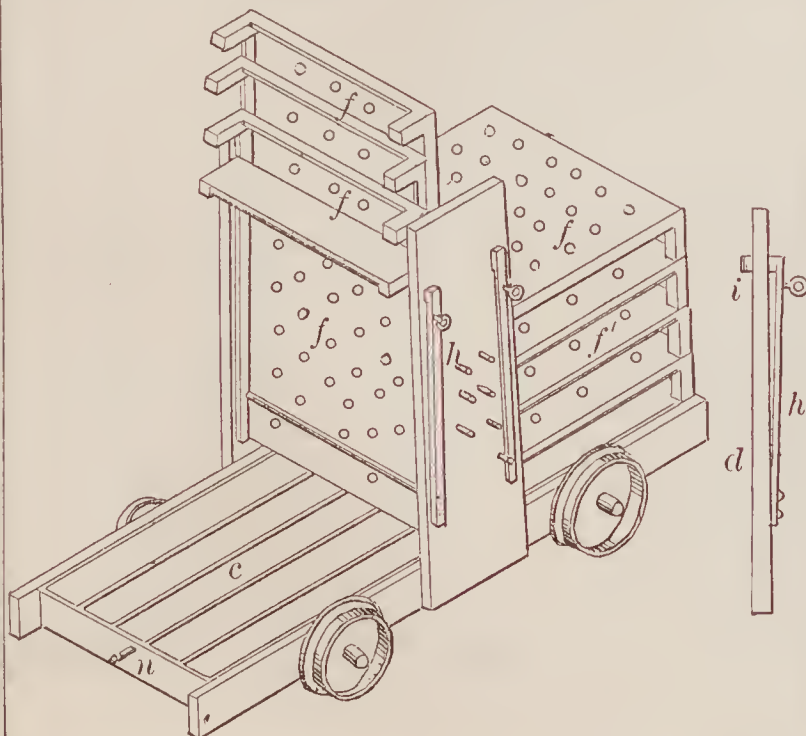
67630—J. E. Burdge—*Rest for Lathes.*



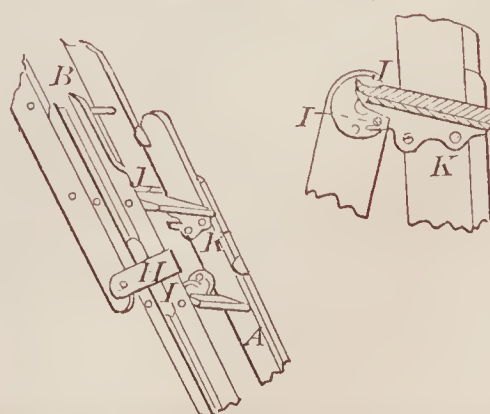
67635—E. H. Craige—*Cloth Plate for Sewing Machines.*

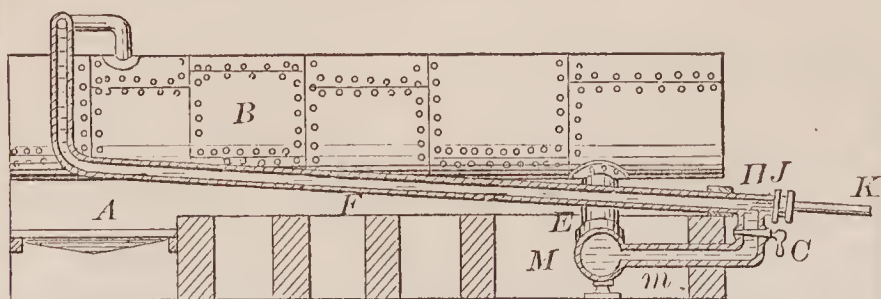
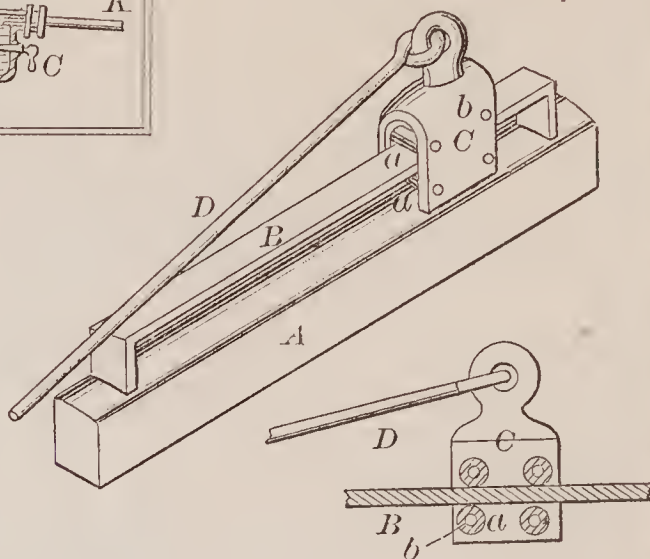
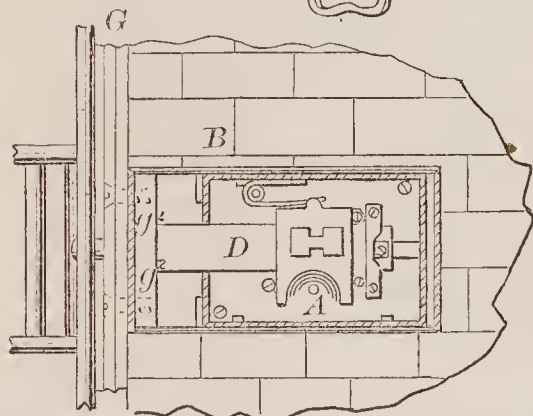
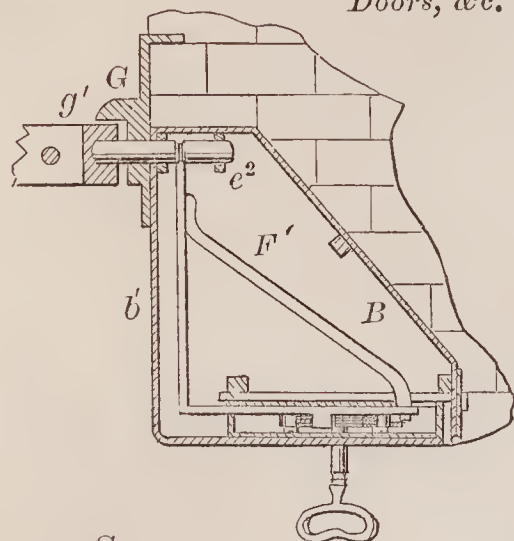
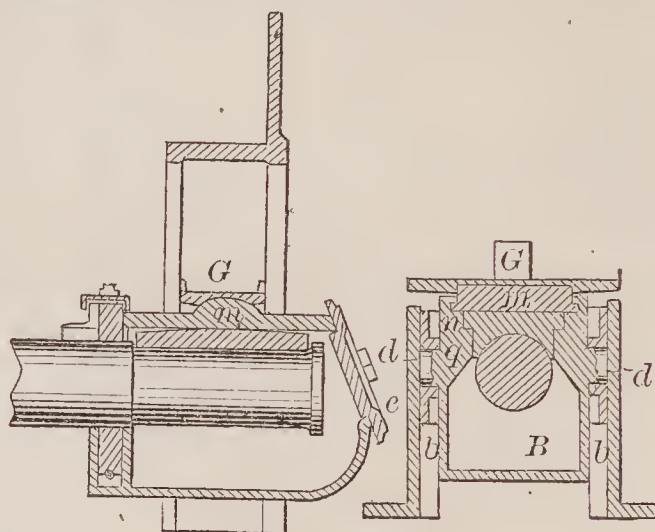
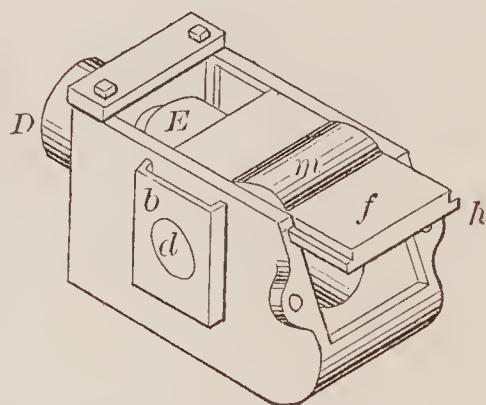
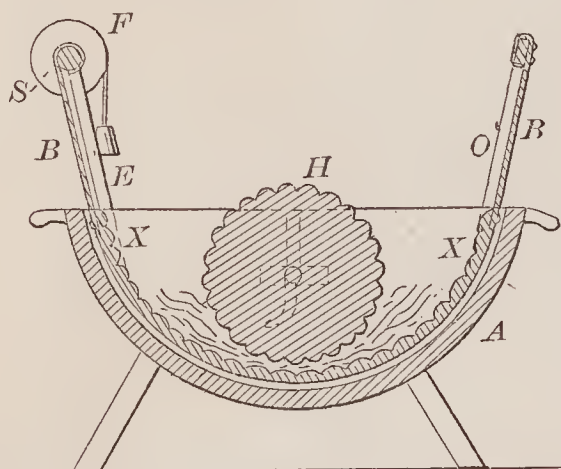
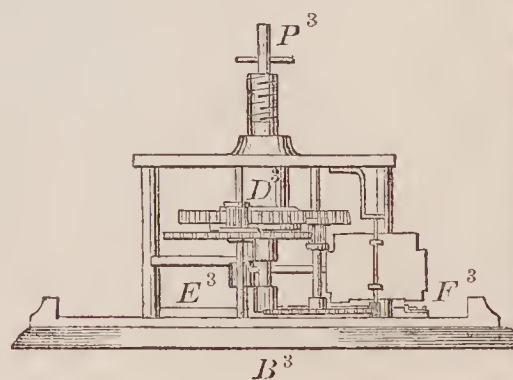
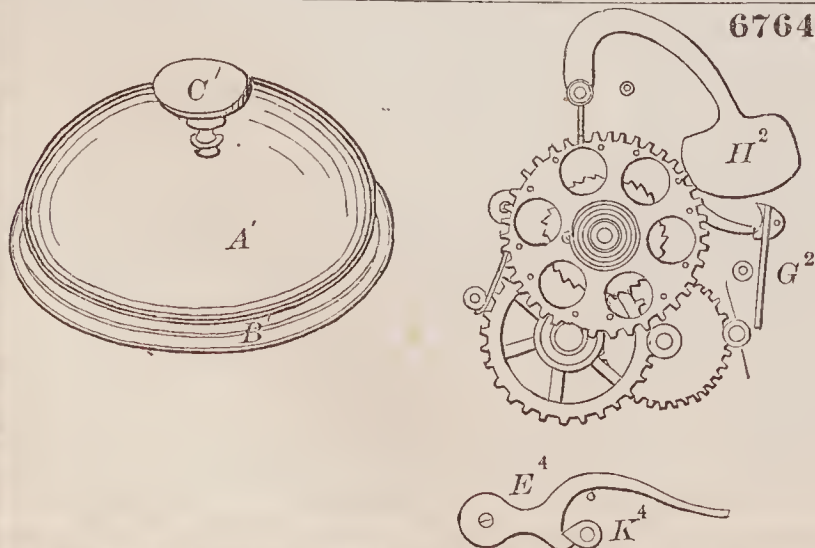


67632—J. K. Caldwell—*Brick Car.*

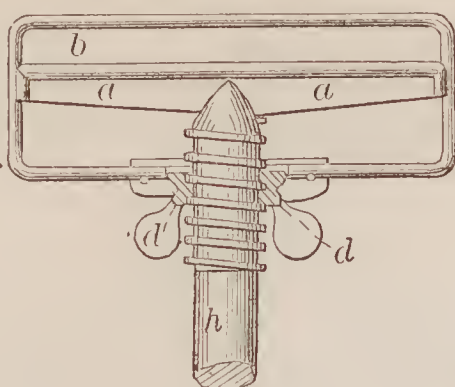


67636—C. Croley—*Ladder.*

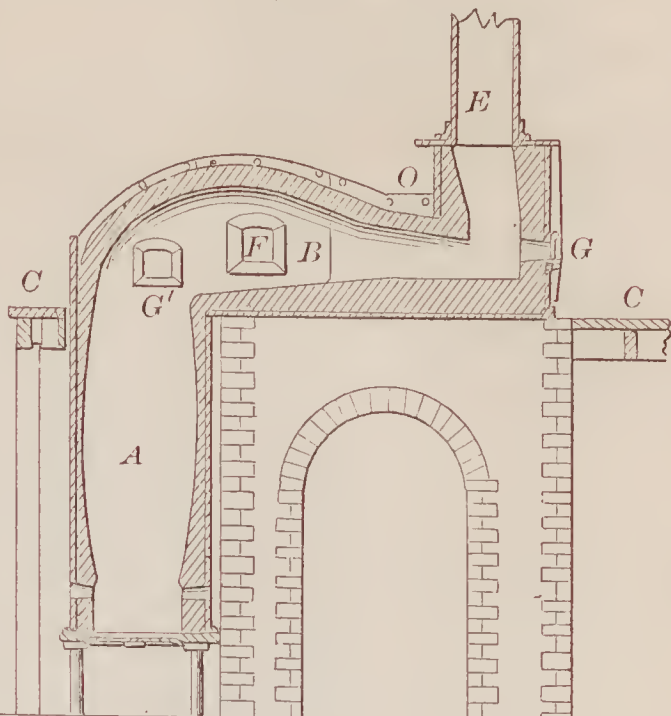


67637—J. M. Dillon—*Steam Generator.***67639**—S. H. Downs—*Traveler for the Jib's Boom of Vessels.***67641**—C. E. Felton—*Lock for Prison Doors, &c.***67638**—D. H. Dotterer—*Axle Box and Hanger.***67642**—J. B. Francis—*Washing Machine.***67640**—T. G. Estes—*For Striking Gongs or Bells.*

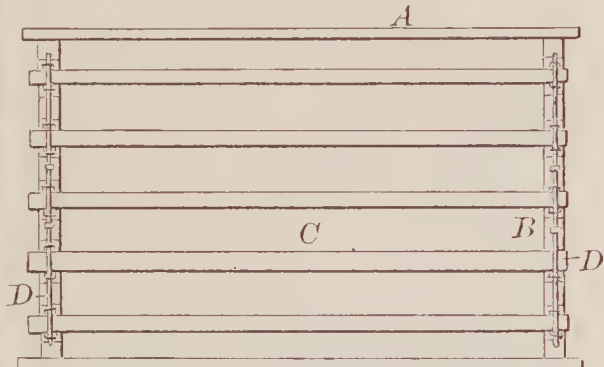
67643—O. S. Garretson—Mop Head.



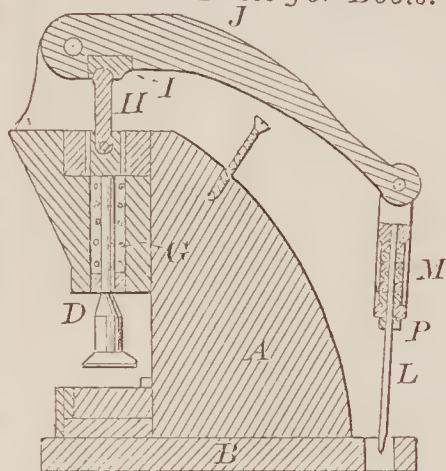
67646—Green & Kay—Reverberatory and Cupola Furnace.



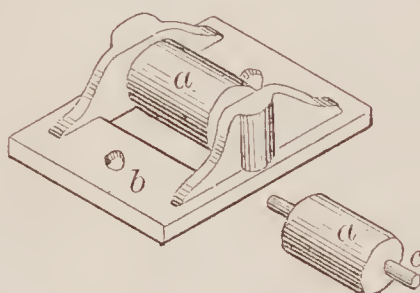
67647—B. Griffin—Bed Bottom.



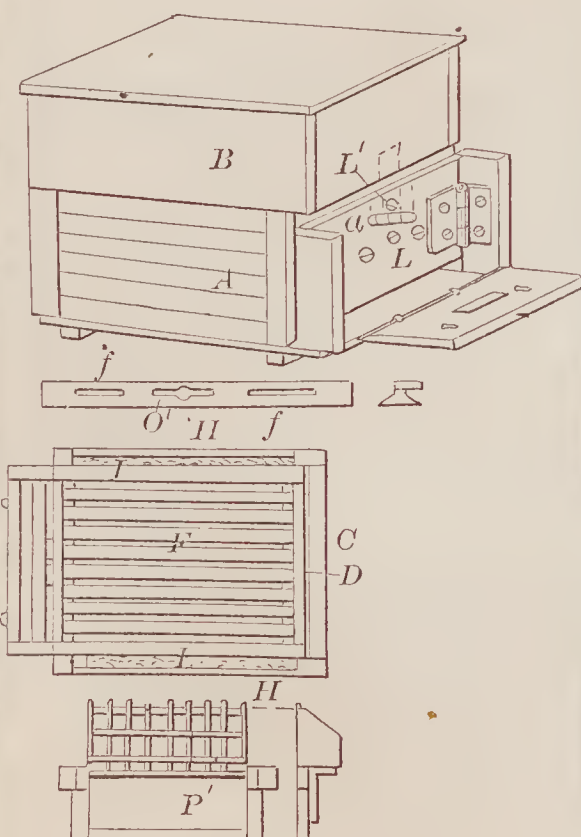
67650—C. H. Helms—Heel Press for Boots.



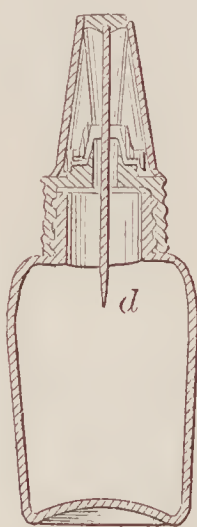
67645—H. Gray—Trunk Roller.



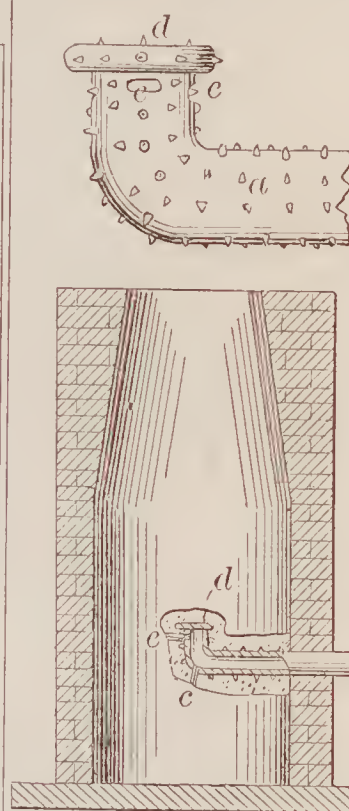
67649—A. H. Hart—Beehive.



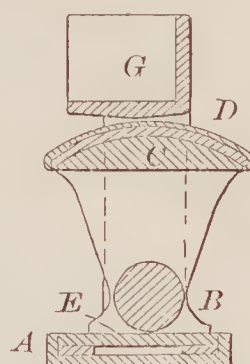
67648—C. Hamilton—Mucilage Brush.



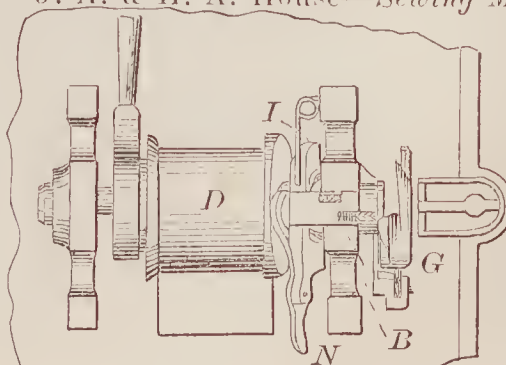
67651—B. H. Hibler—Tuyere for Blast Furnaces.



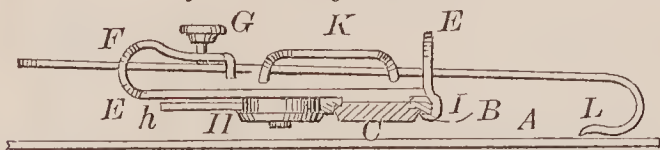
67644—Gilbert & Allen—Ironing Machine.



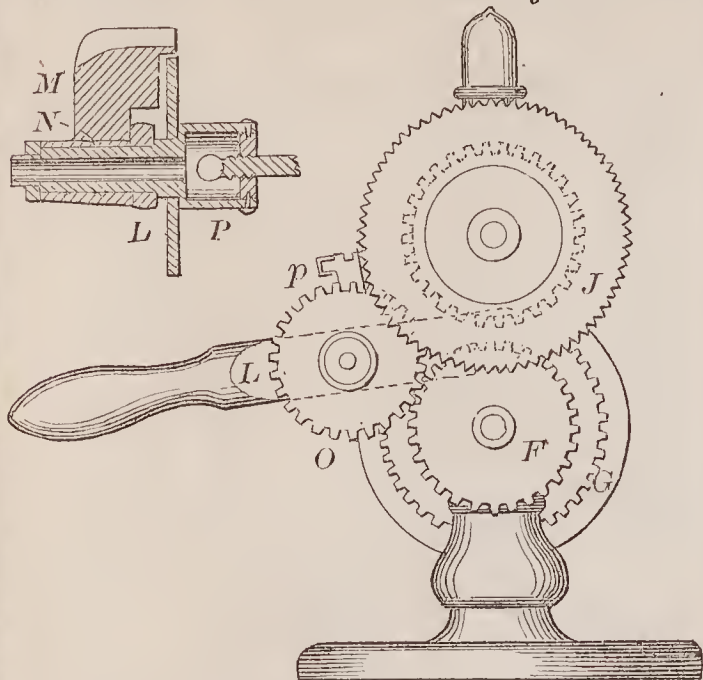
67652—J. A. & H. A. House—Sewing Machine.



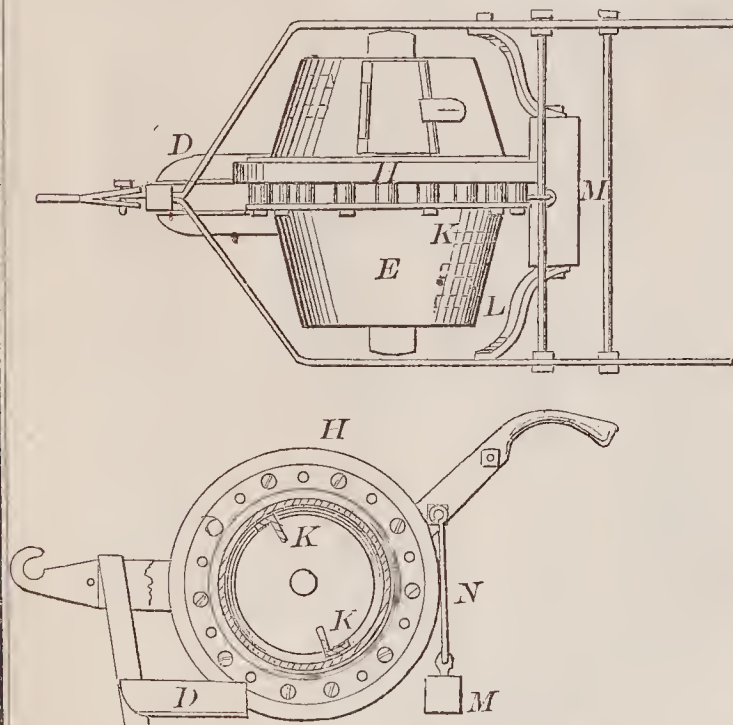
67653—J. A. & H. A. House—*Tucking Gauge for Sewing Machines.*



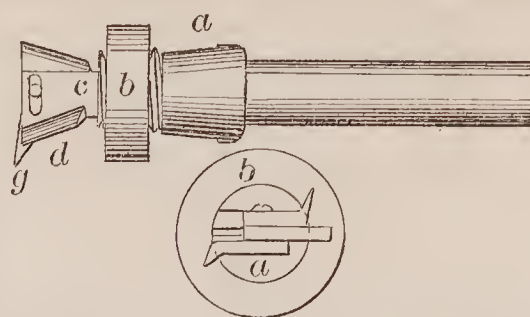
67655—C. Jillson—*Screw Cutting Machine.*



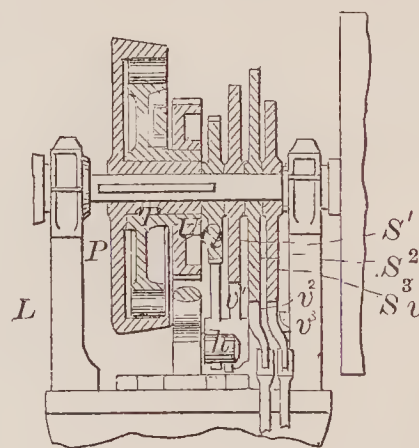
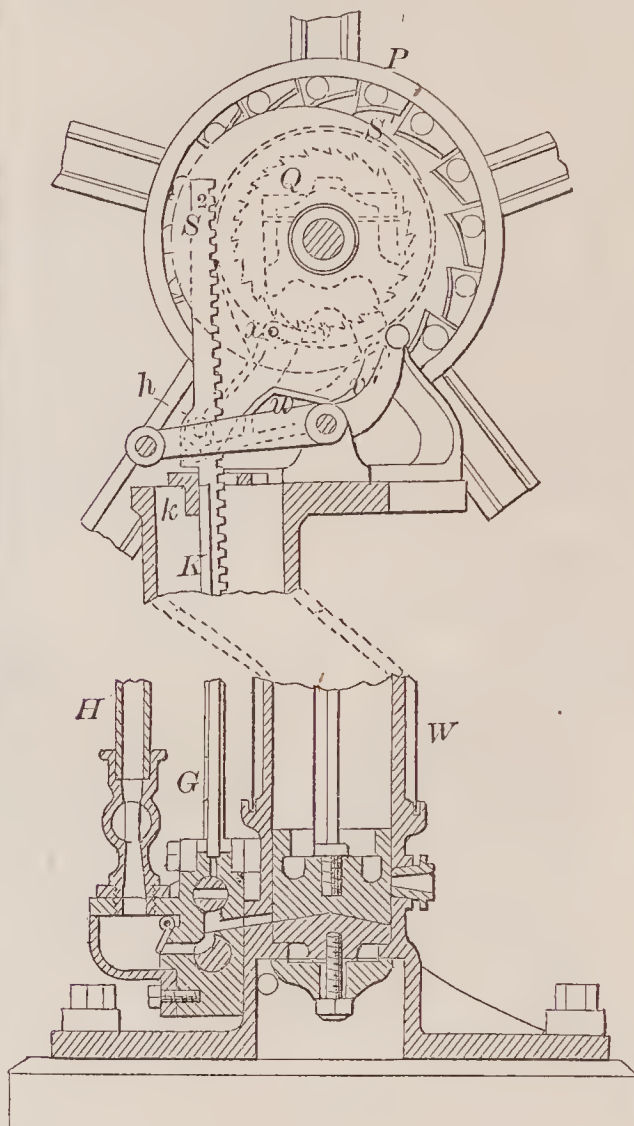
67656—W. D. Johnson—*Seed Planter.*



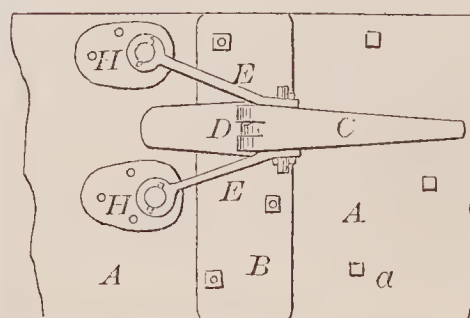
67654—J. C. Hursell—*Dove-Tail Cutter.*



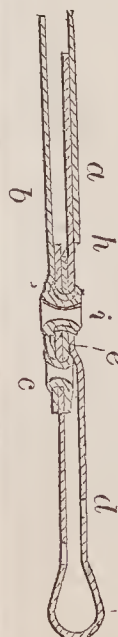
67659—Langen & Otto—*Air Engine.*



67658—O. A. King—*Cheese Hoop.*



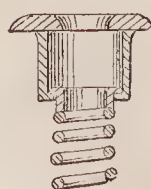
67661—E. A. Locke—*Tag or Label.*



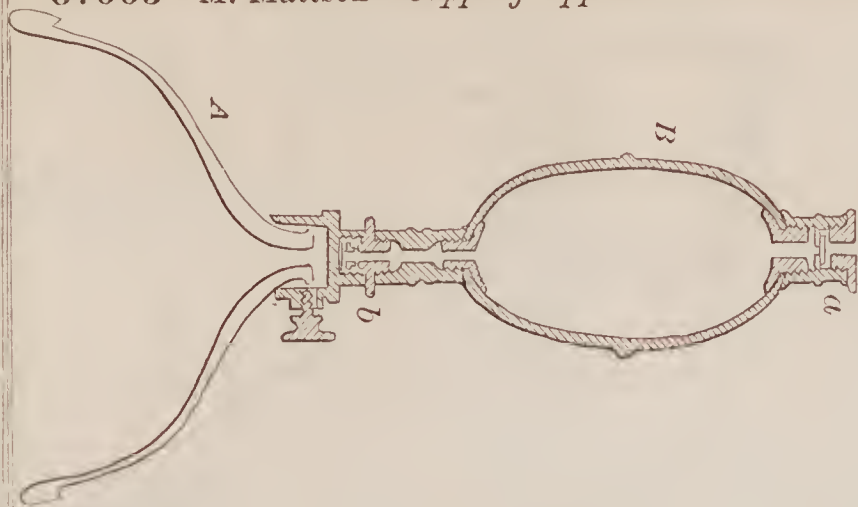
67660—Lighter, Harding & Curtis—*Grain Drill Tube.*



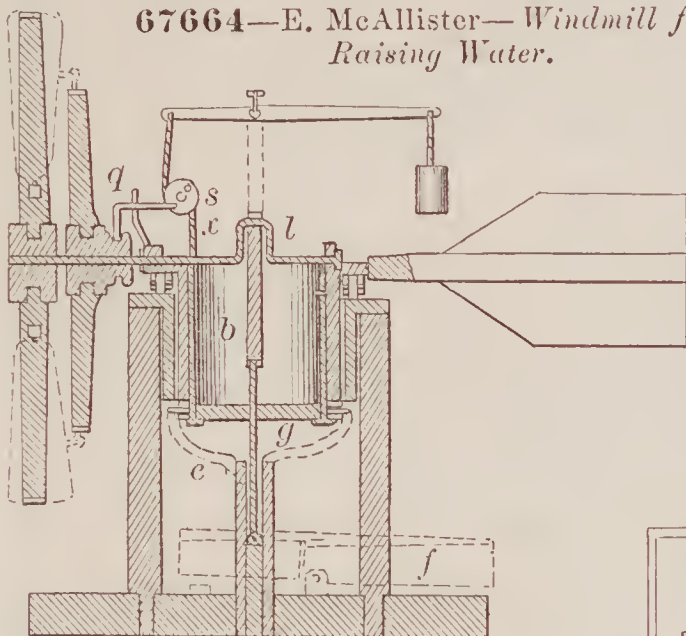
Fig. 1



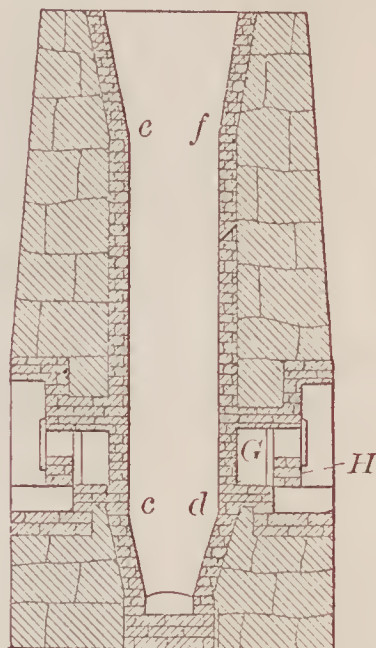
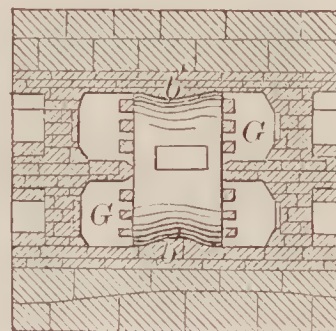
67663—M. Mattson—Cupping Apparatus.



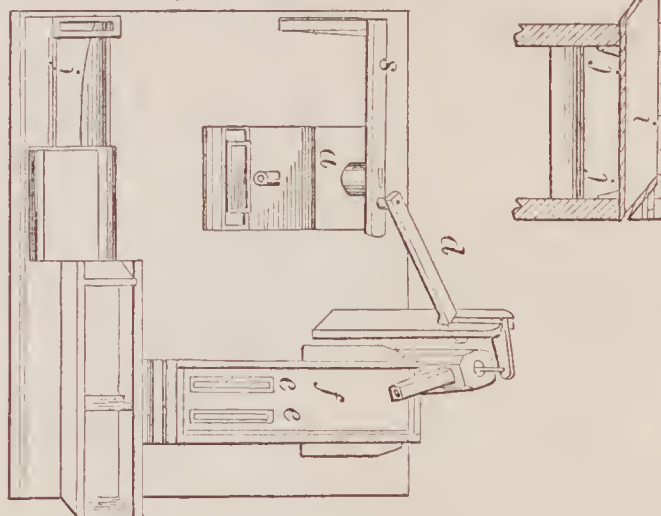
67664—E. McAllister—Windmill for Raising Water.



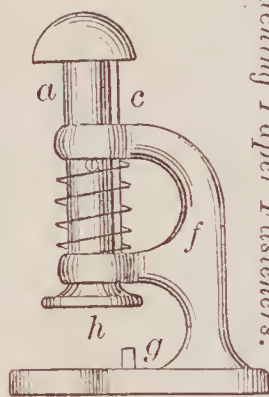
67667—L. Montgomery—Lime Kiln.



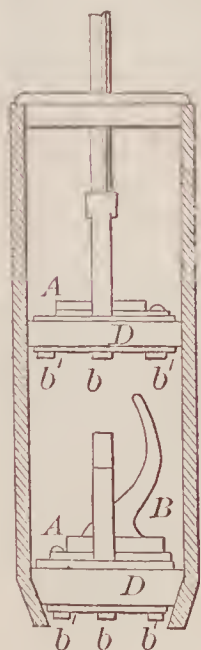
67668—D. B. Neal—For Defecating and Evaporating Sorghum Juice.



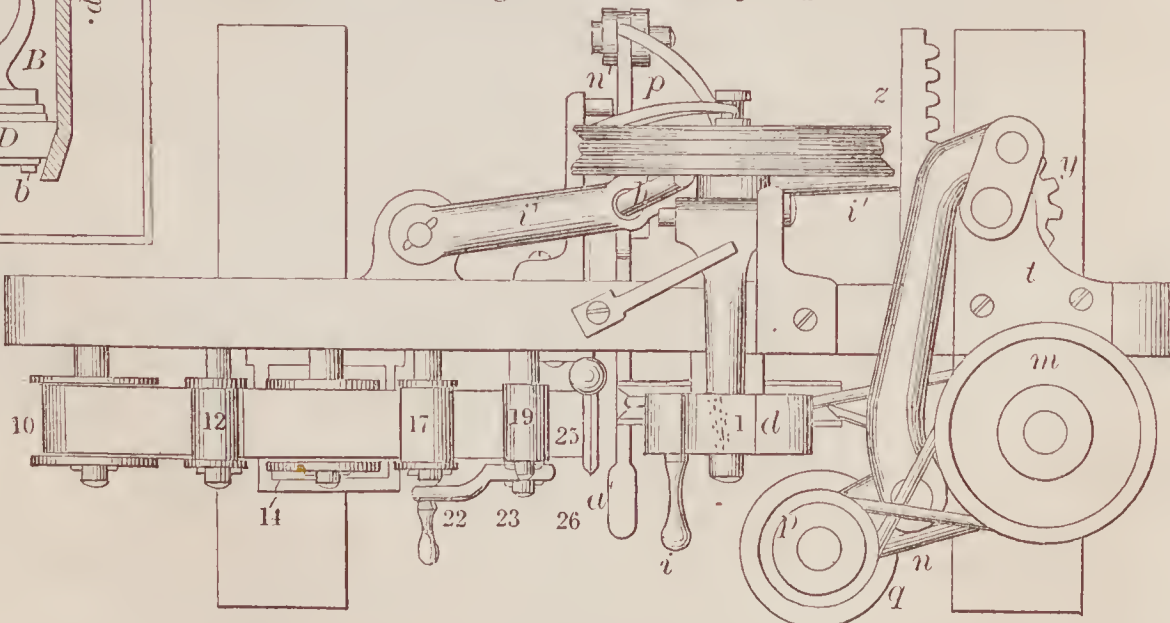
67665—G. W. McGill—Press for Attaching Paper Fasteners.



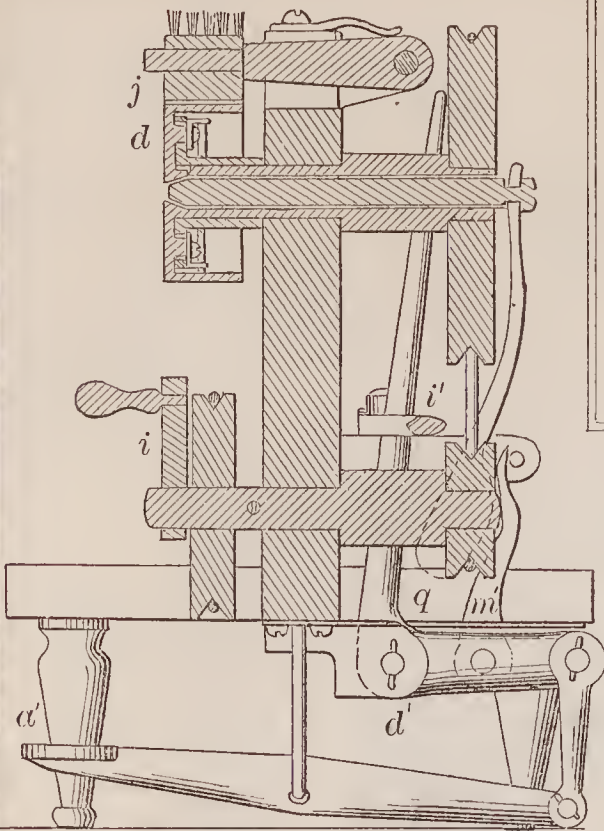
67666—Merrill & Lawrence—Pump.



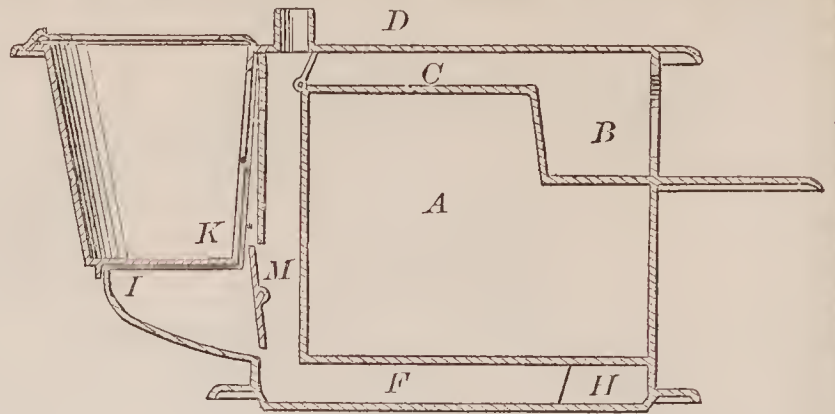
67669—Orr & Wright—For Making Paper Boxes.



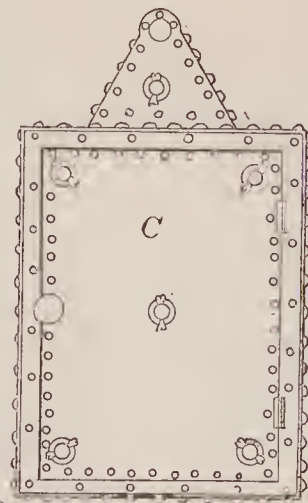
67669—Continued.



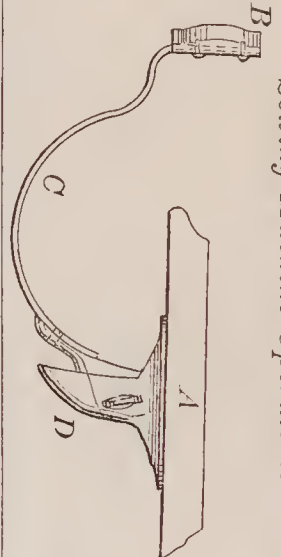
67670—D. E. Paris—Cooking Stove.



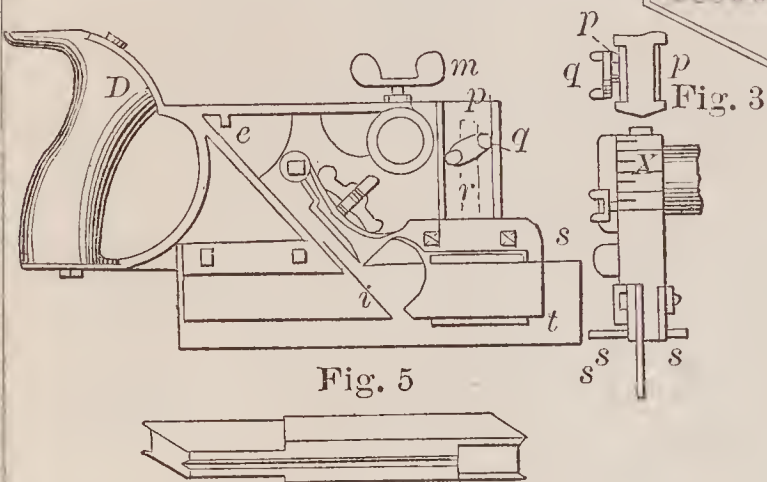
67672—H. E. Pond—Receptacle for Harness.



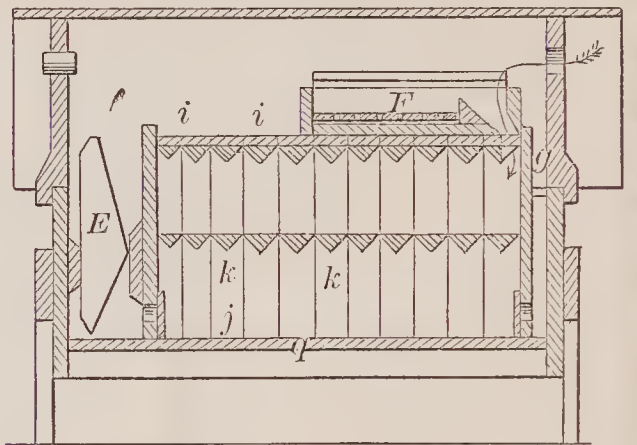
67674—J. Preston—Support for Sewing Machine Operators.



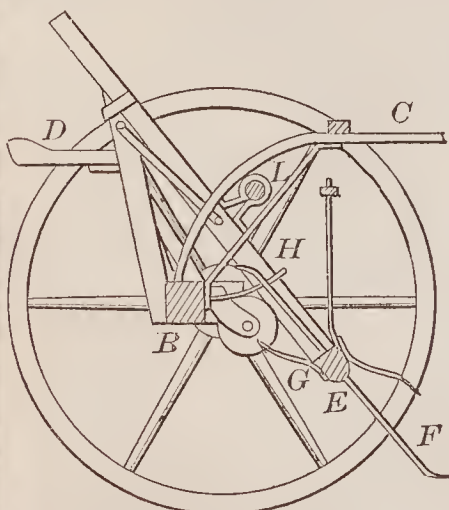
67671—R. Phillips—Carpenters' Plane.



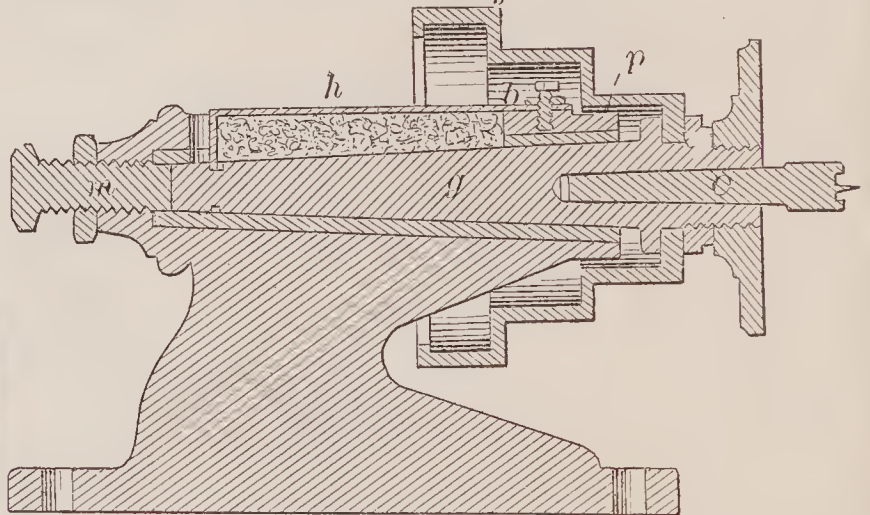
67680—G. Slusser—Beehive.



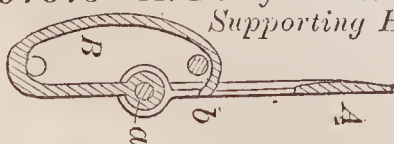
67673—D. Prest—Horse Rake.



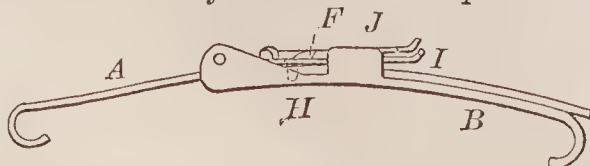
67676—J. Richards—Turning Lathe.



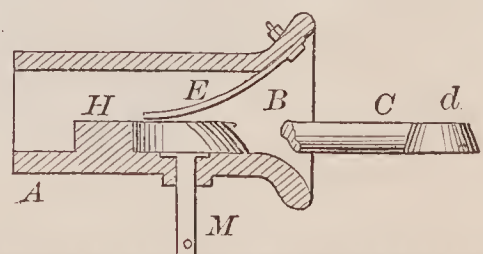
67675—M. Reilly—Trace Supporting Hook.



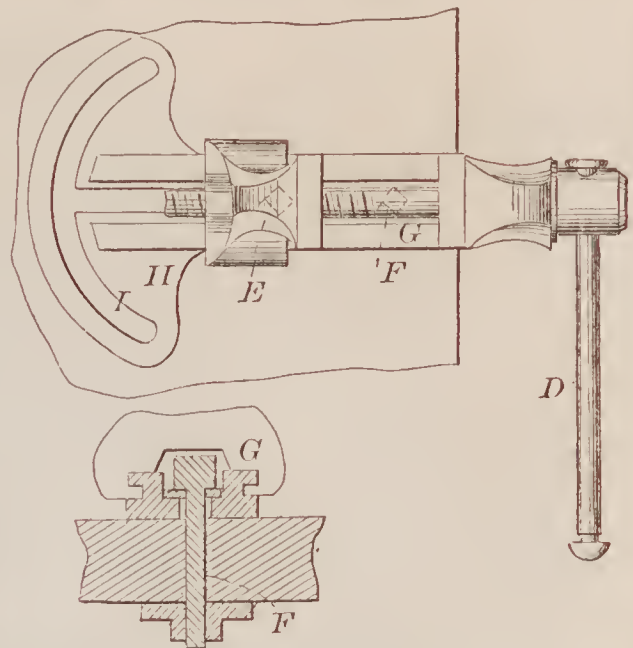
67681—J. H. Snyder—Hame Clasp.



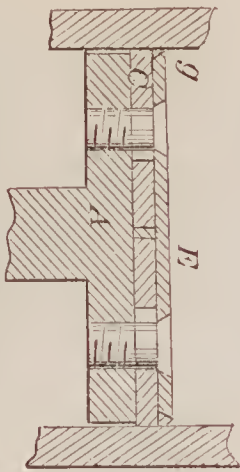
67677—Ridings & Roberts—Car Coupling.



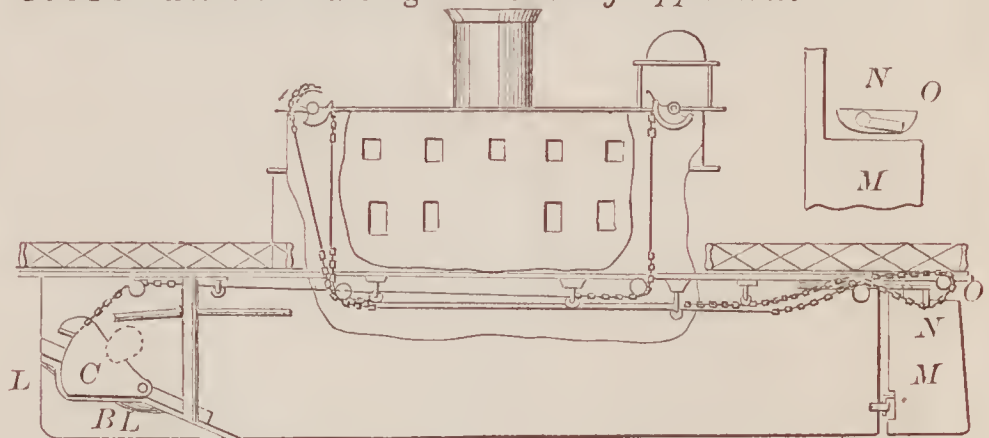
67685—I. C. Tate—Vise.



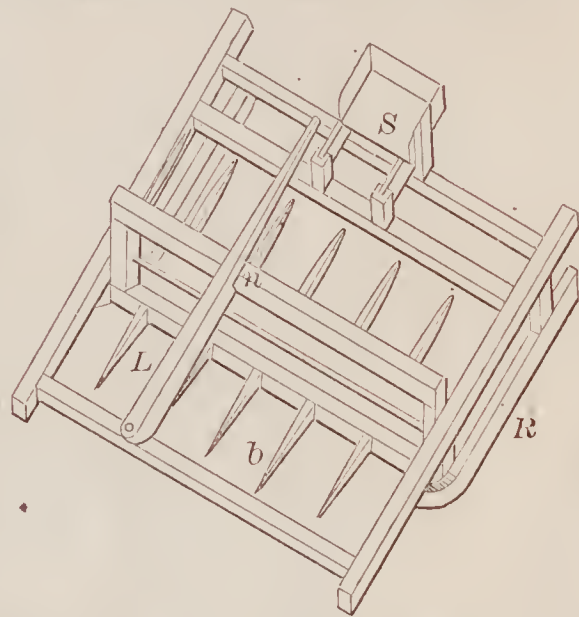
67684—L. Sylvester—Brick Mould Piston.



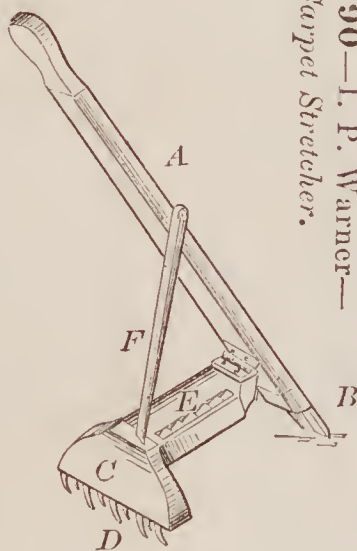
67686—Teale & Brassington—Steering Apparatus.



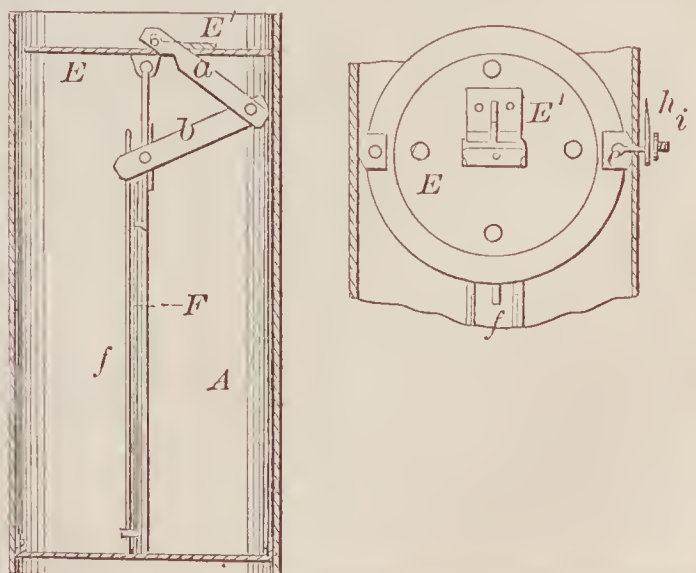
67688—T. J. Turner—Horse Rake.



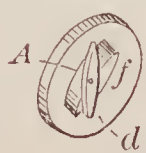
67690—I. P. Warner—
Carpet Stretcher.



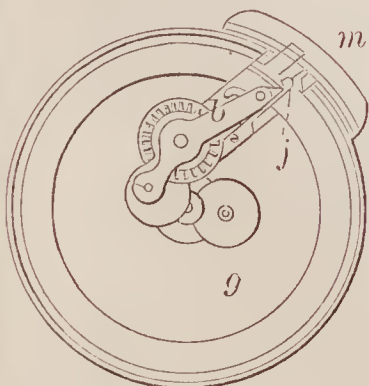
67687—G. A. Townsend—Automatic Damper.



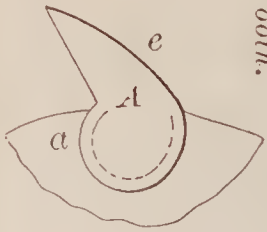
67691—G. M. White—Shirt Stud.



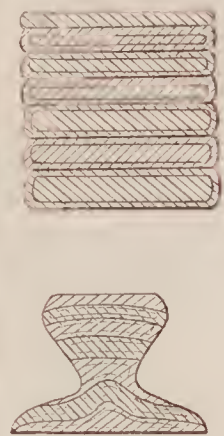
67692—C. V. Woerd—
Stem Winding and
Setting Watch.



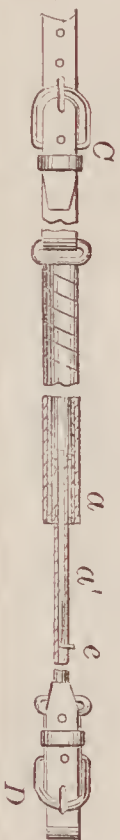
67682—J. W. Strange—
Saw Tooth.

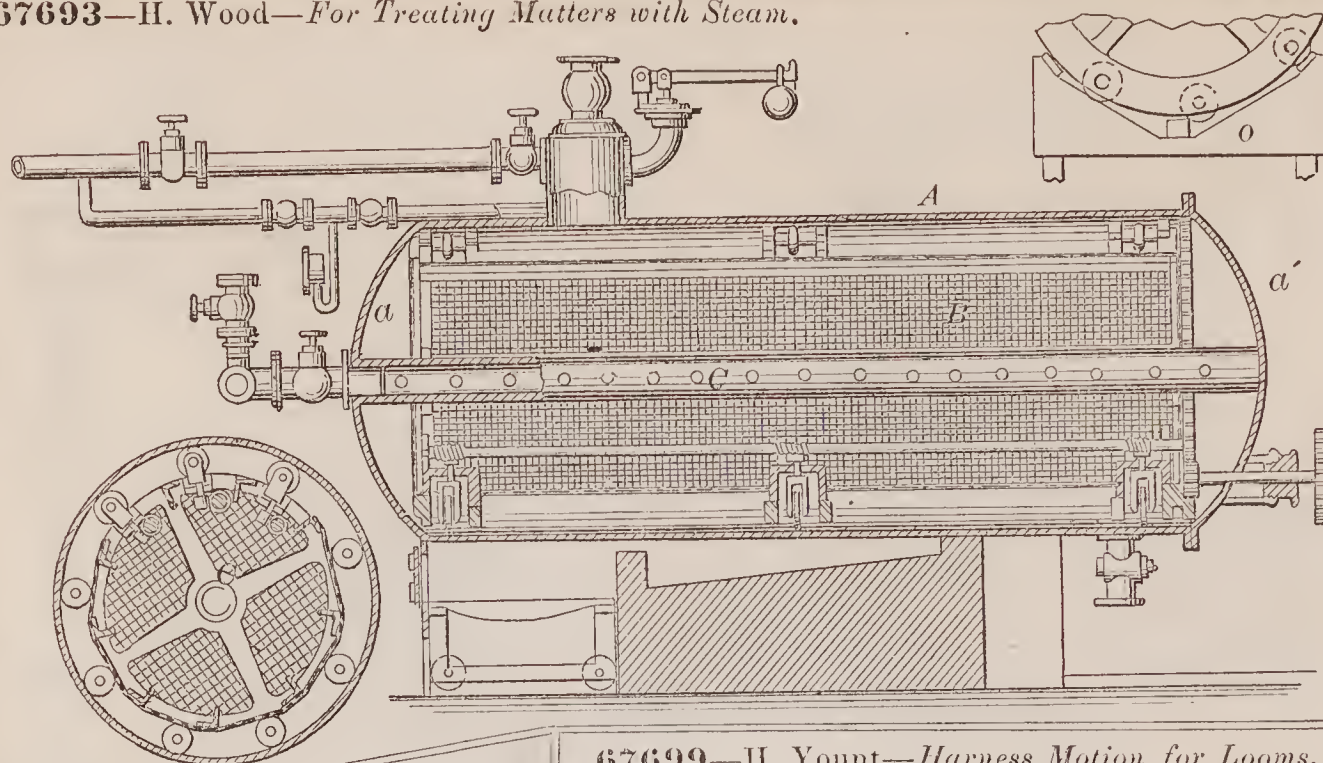
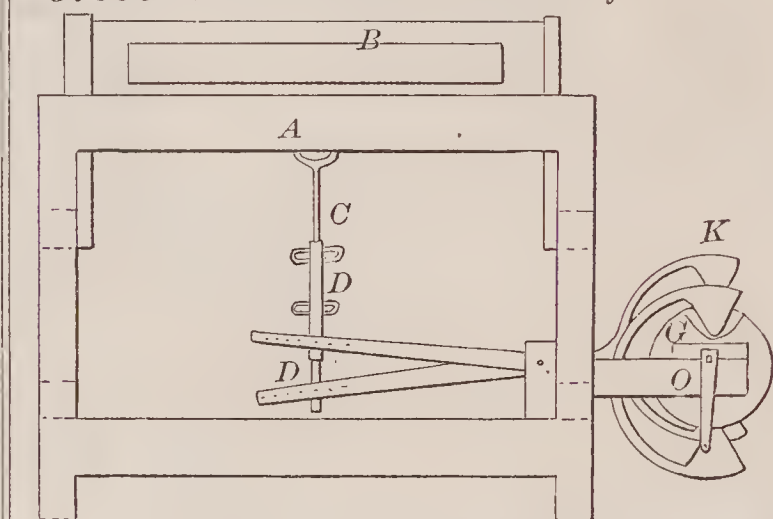
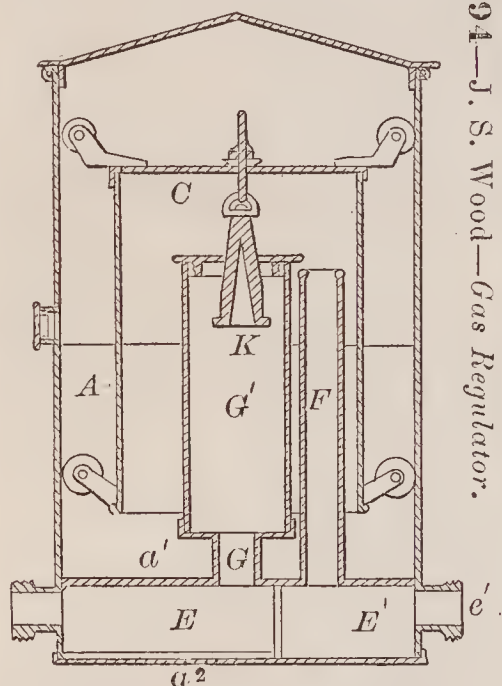
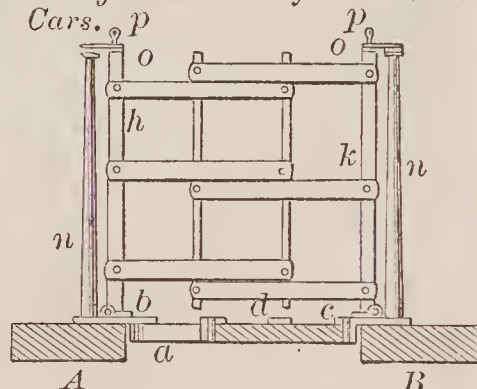
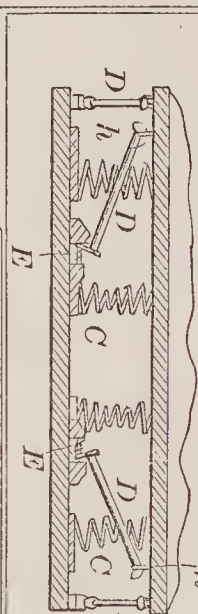
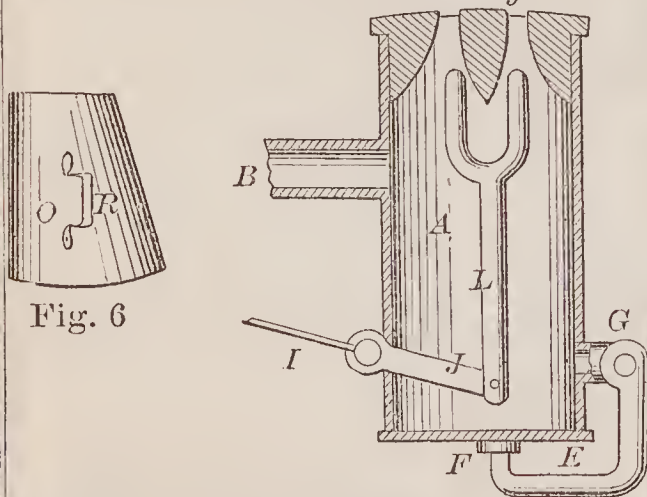
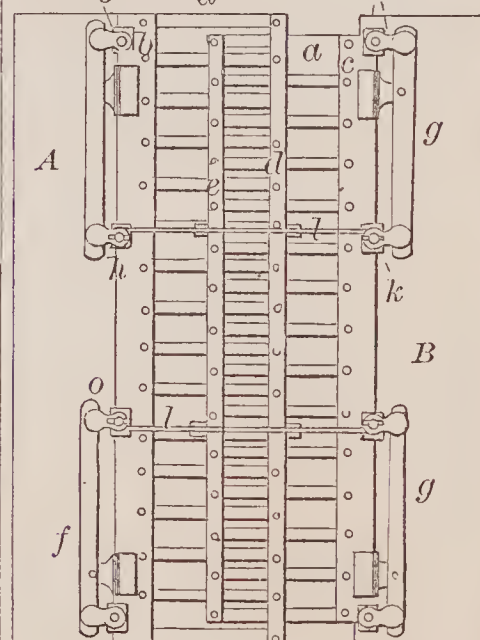
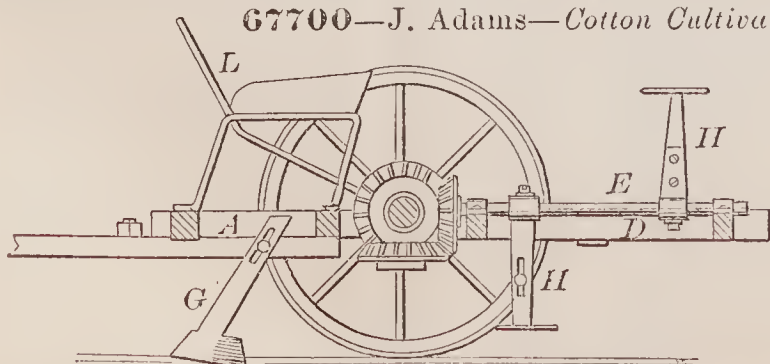


67683—W. A. Sweet—Fagot for
Railroad Rails.

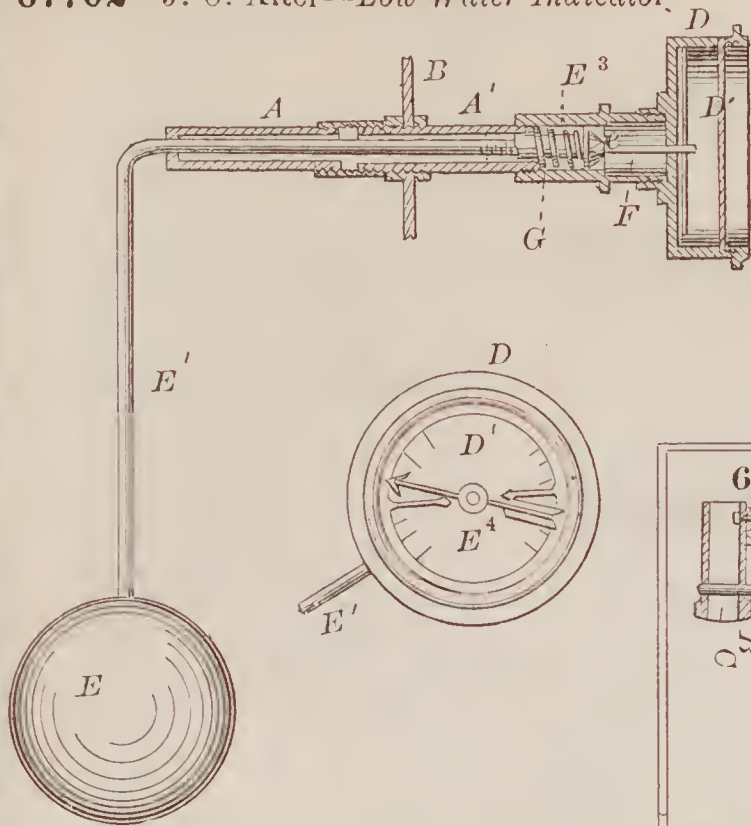


67689—Warne & Pearce—Hitching Device for Horses.

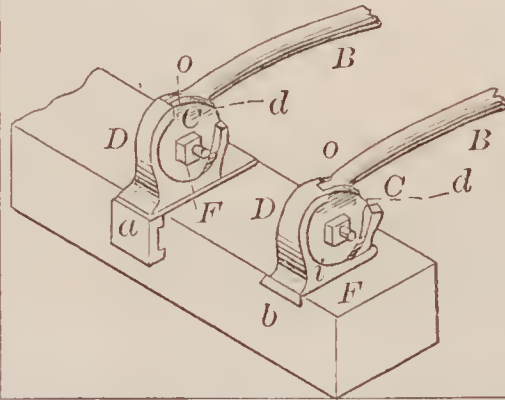


67693—H. Wood—*For Treating Matters with Steam.*67699—H. Yount—*Harness Motion for Looms.*67694—J. S. Wood—*Gas Regulator.*67701—A. H. Allen—*Safety Bridge and Gate for Railroad Cars.*67698—E. Yeoman—*Bed Bottom.*67695—J. R. Woodworth—*Tuyere.*67700—J. Adams—*Cotton Cultivator.*

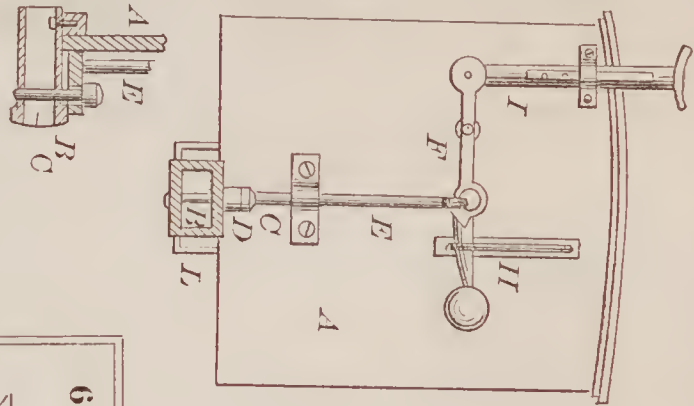
67702—J. O. Alter—*Low Water Indicator.*



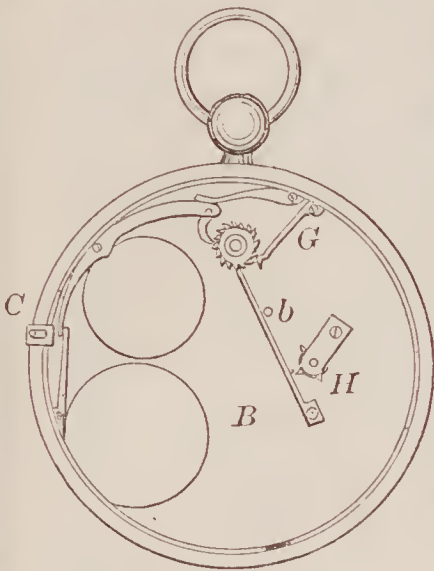
67705—L. B. Ball—*Horse Rake.*



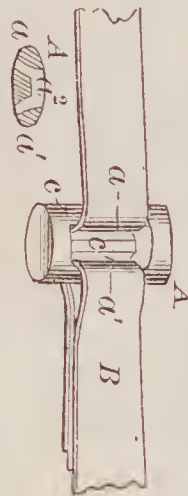
67703—R. S. Arnall—*Car Coupling.*



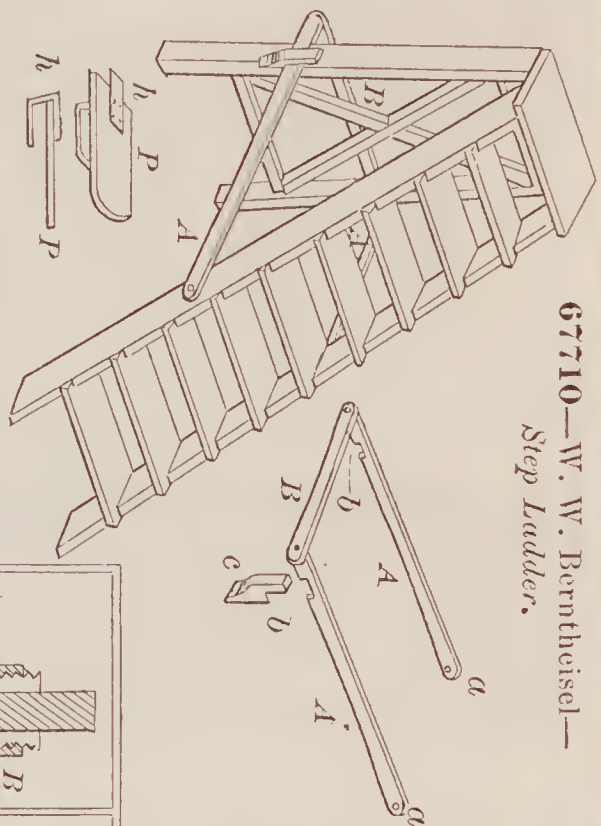
67704—T. Baker—*Stop Watch.*



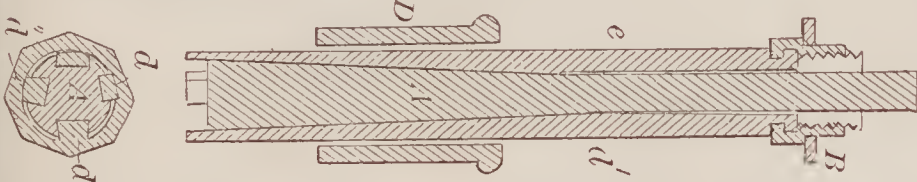
67707—G. N. Beard—*Cotton Bale Tie.*



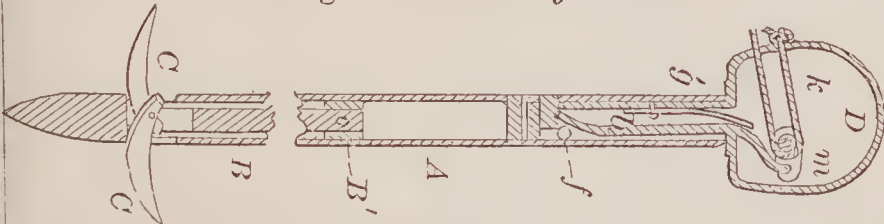
67710—W. W. Berntheisel—*Step Ladder.*



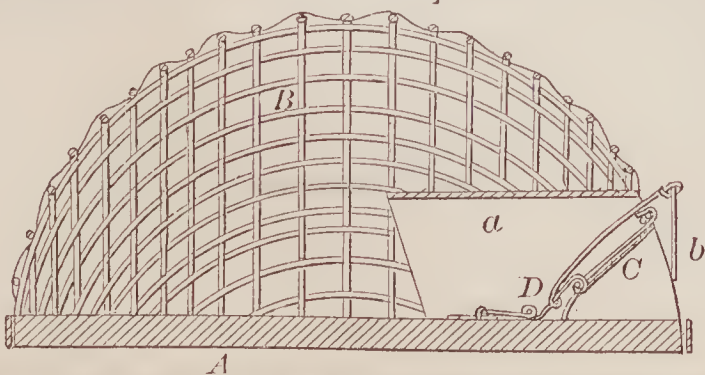
67708—Bechtel, Strahan & Hardy—*Reamer.*



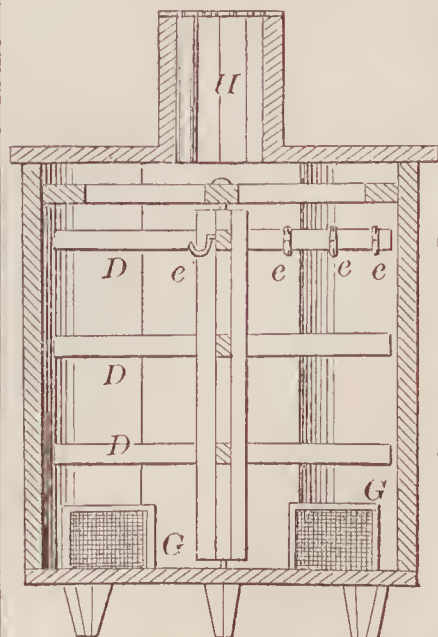
67711—C. C. Blodgett—*Horse Hay Fork.*

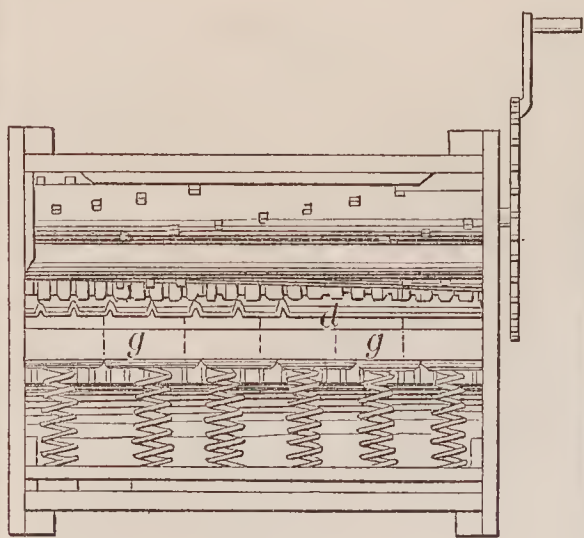
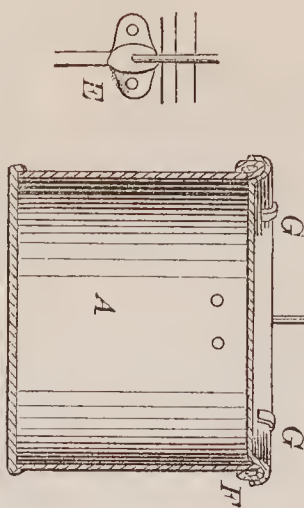
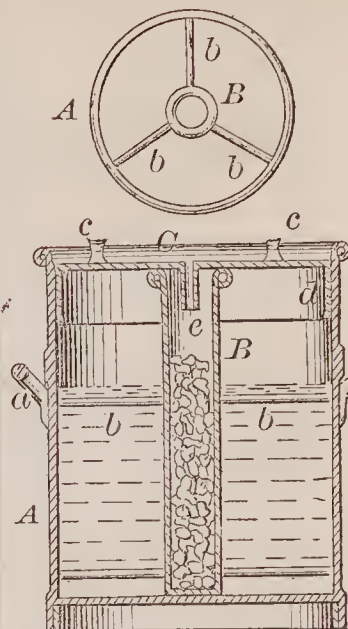
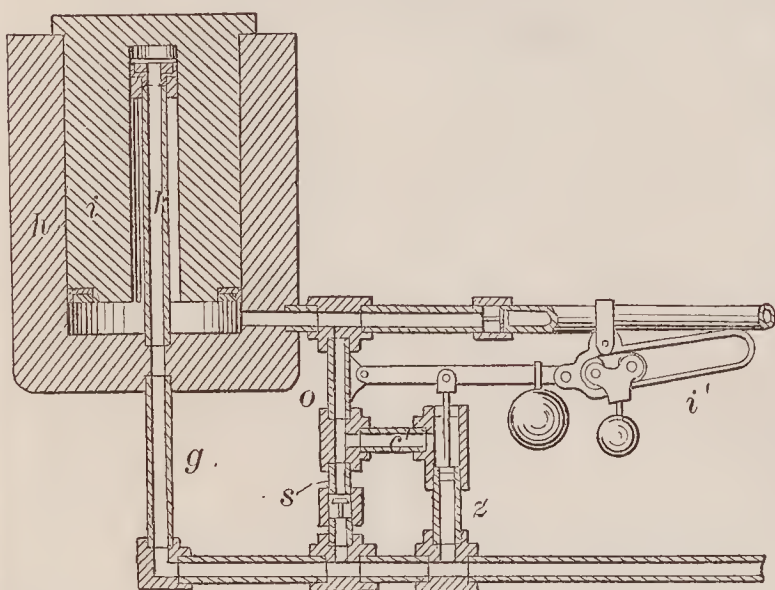
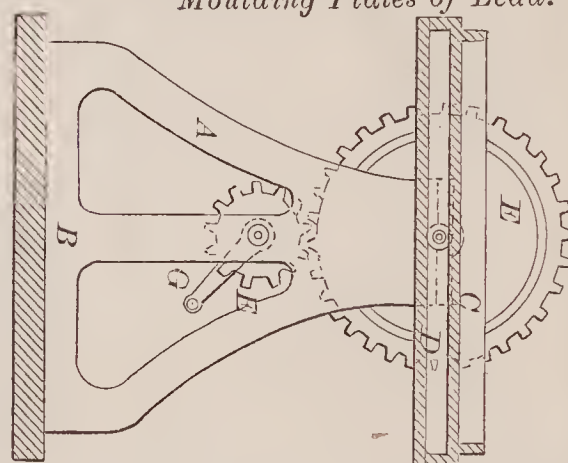
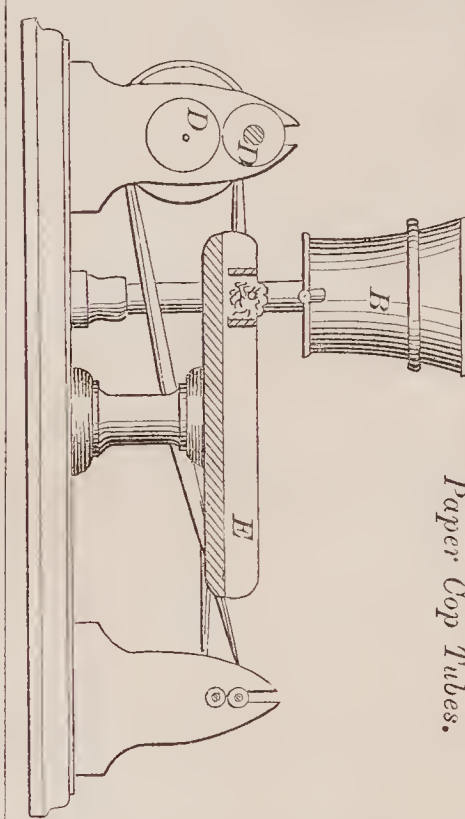
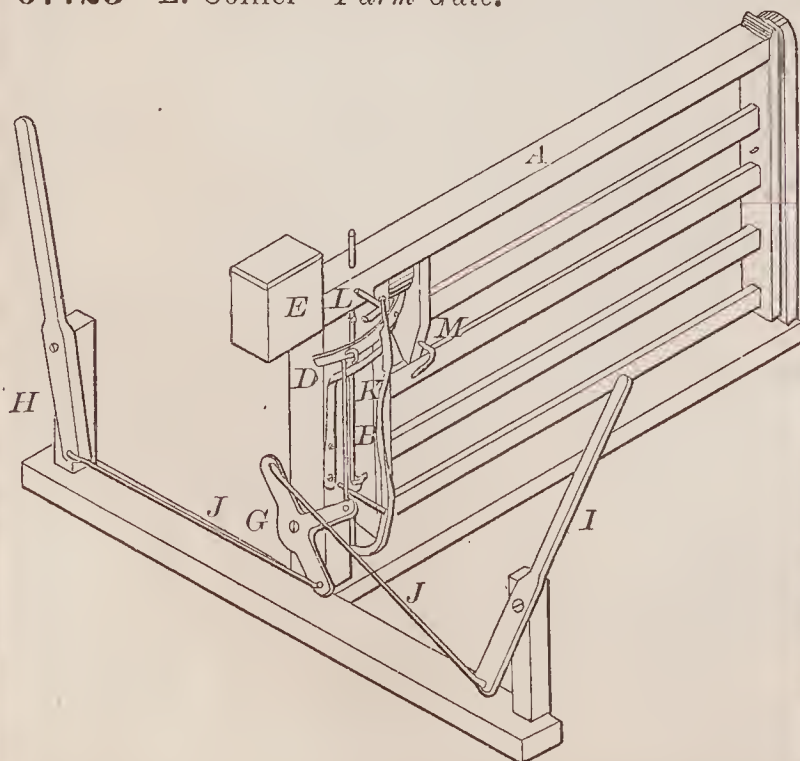
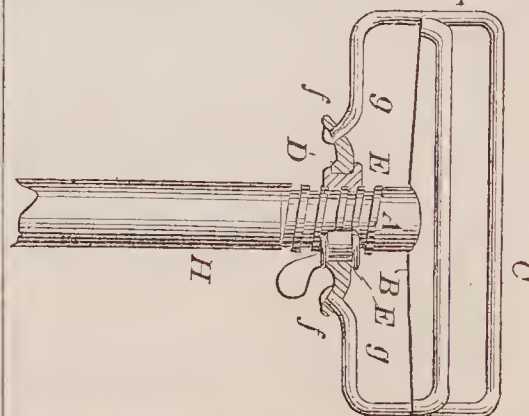


67709—H. Belmer—*Animal Trap.*

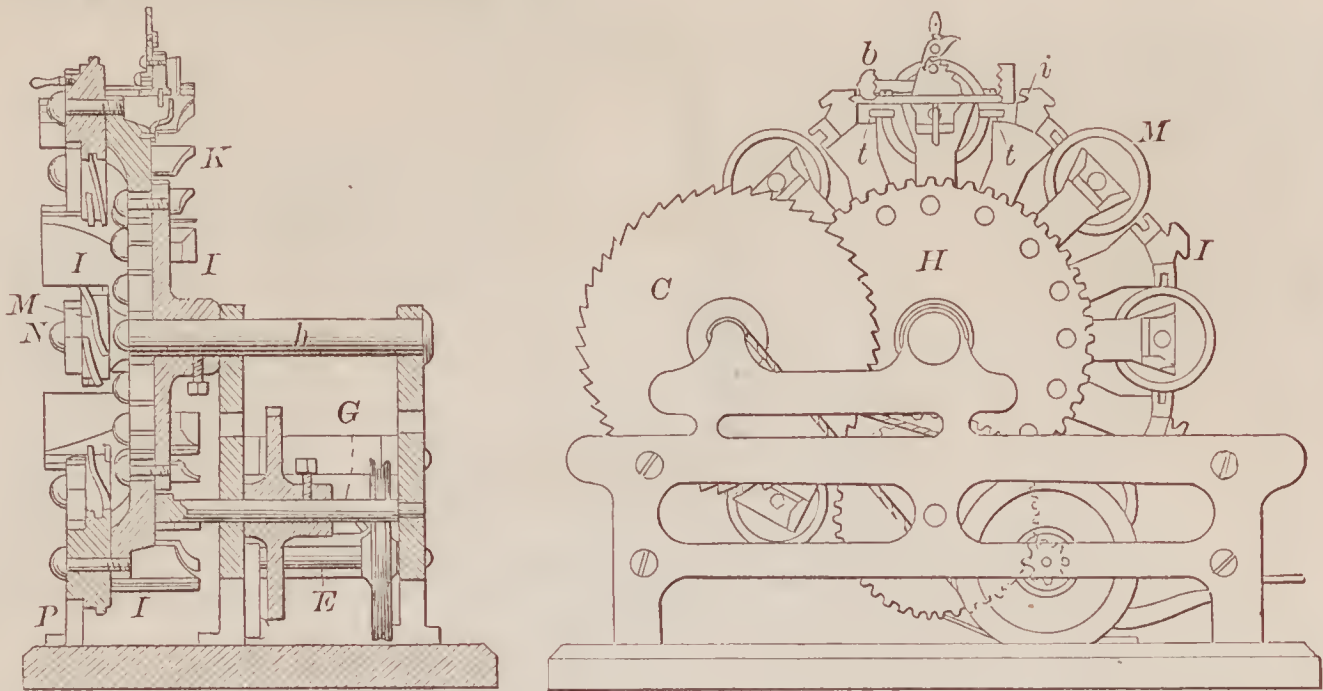


67712—W. Brighton—*Meat Safe.*

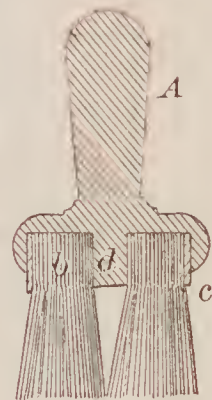
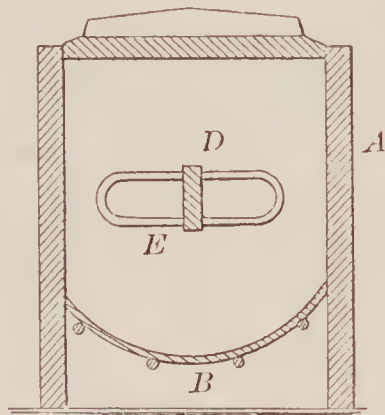
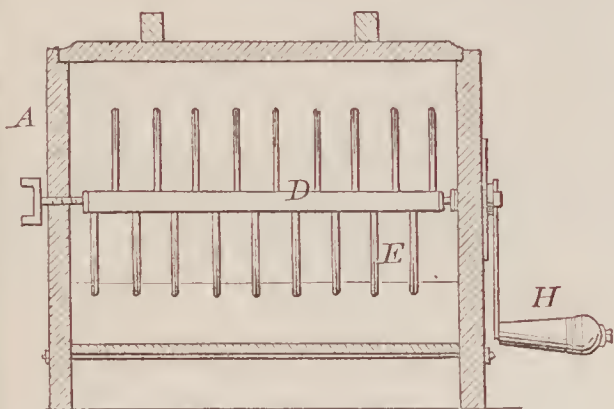


67713—J. Brinkerhoff—*Corn Sheller.*67718—C. Burnham—*Paint Can.*67717—N. C. Burnap—*Mills Cooler.*67719—J. T. Burr—*Hydraulic Press.*67721—S. E. Chubbuck—*For Moulding Plates of Lead.*67720—J. S. Charles—*Fountain Pen.*67716—S. Burgess—*Rolling or Winding Paper for Paper Cop Tubes.*67723—L. Collier—*Farm Gate.*67722—C. B. Clark—*Mop Head.*

67724—E. B. Cook—*Shingle Machine.*

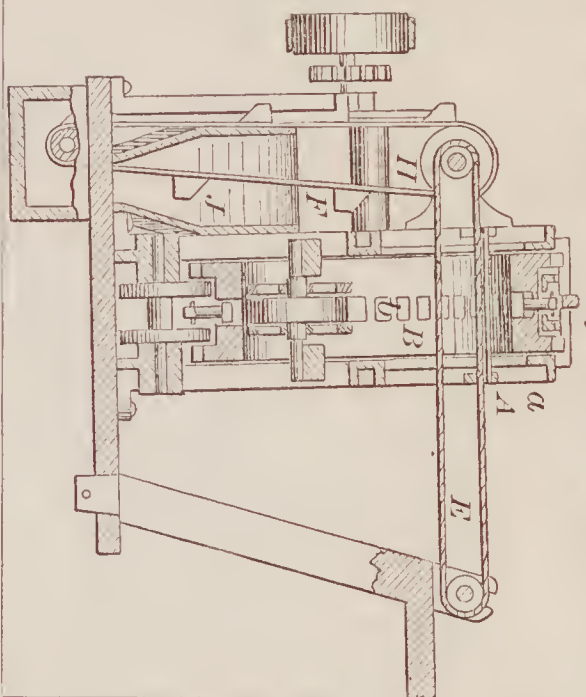
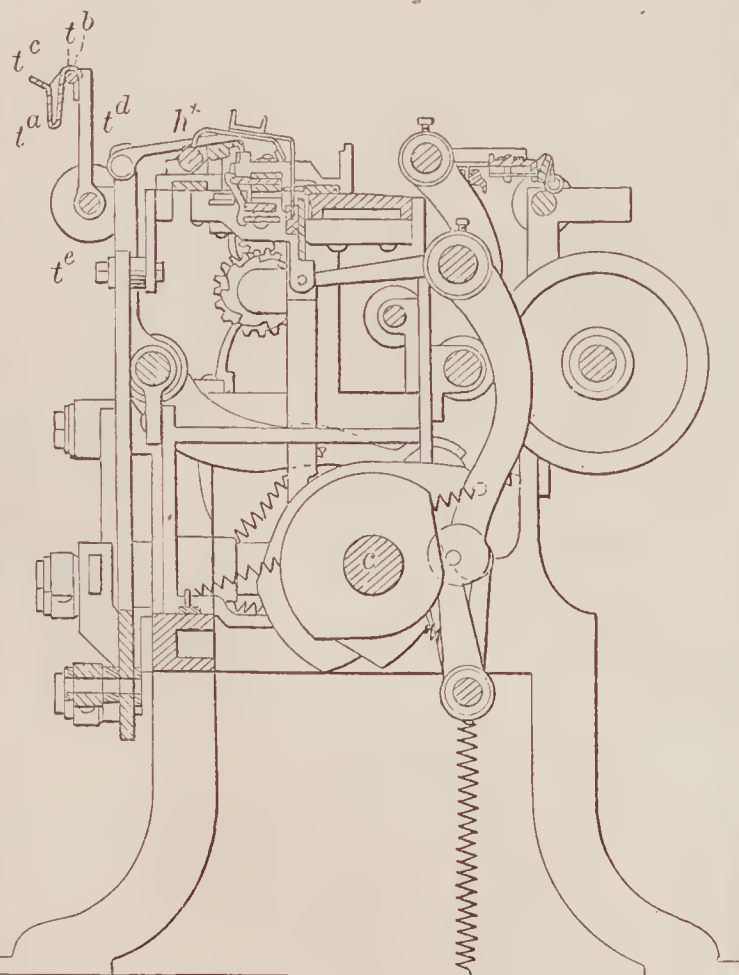


67725—J. Cooper—*Washing Machine.*



67726—J. S. Costello—
Stencil Brush.

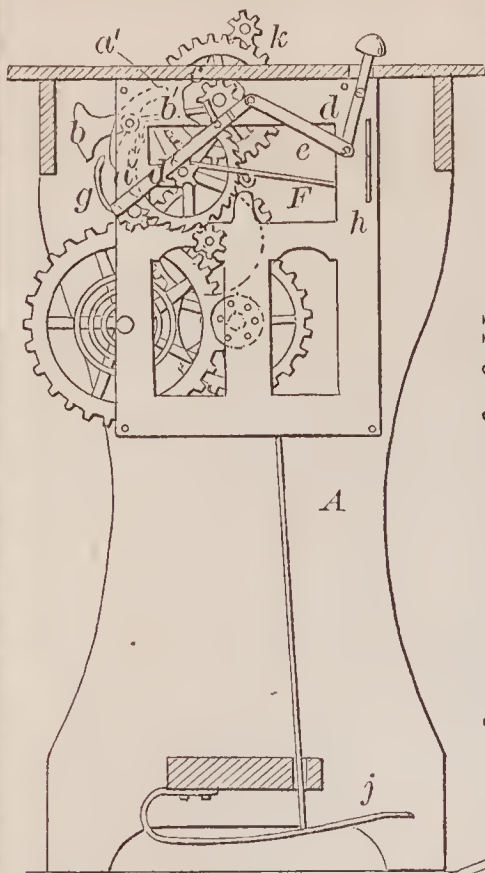
67727—W. Cotton—*Knitting Machine.*



67728—J. W. Cravy—*Brick Machine.*

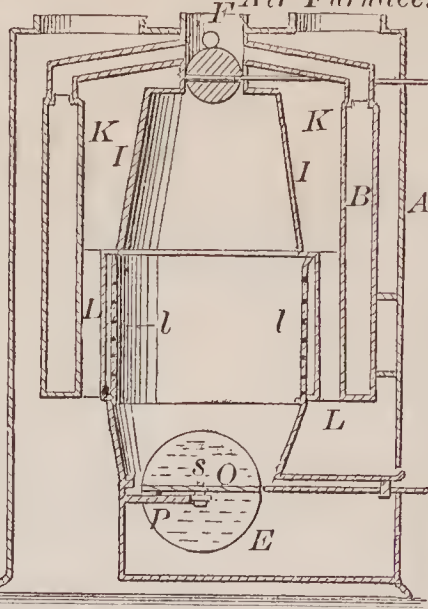
67729—Craw & Randolph—*Mosquito and Fly Net.*



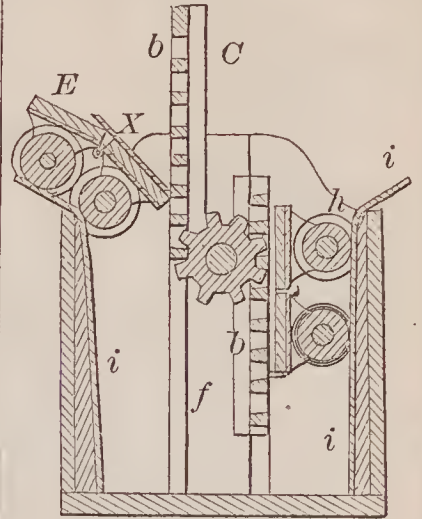


67730—L. Curdts—Applying Power to Machinery.

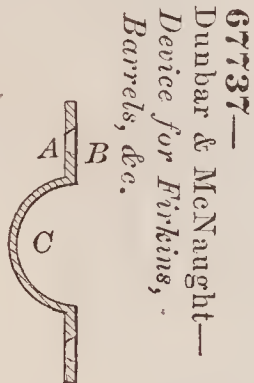
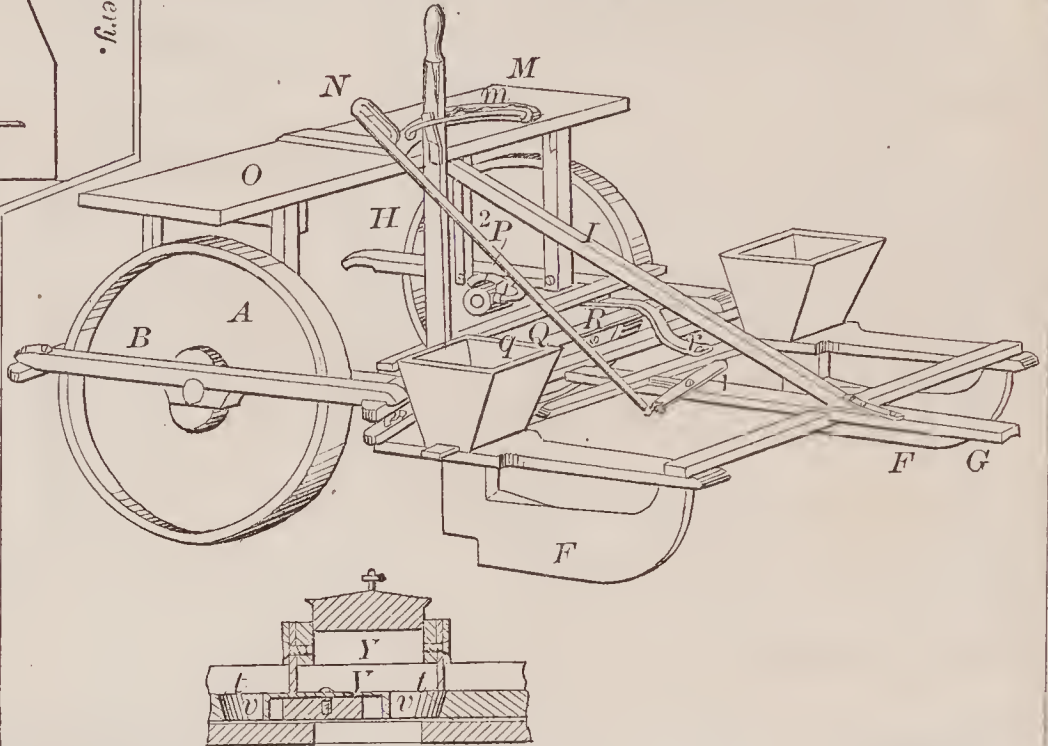
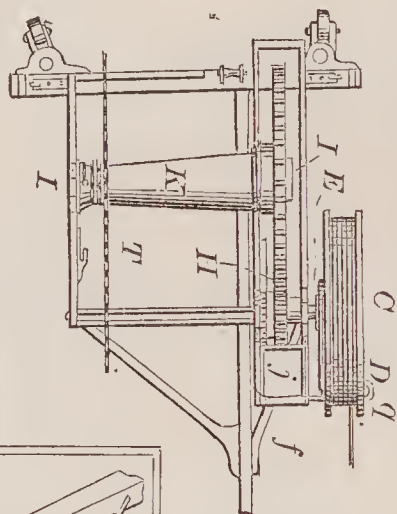
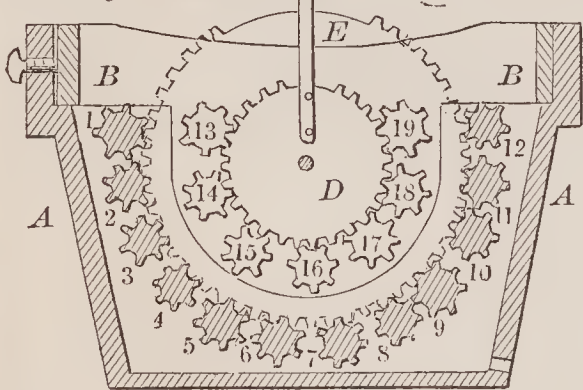
67732—G. B. Davis—Hot Air Furnace.



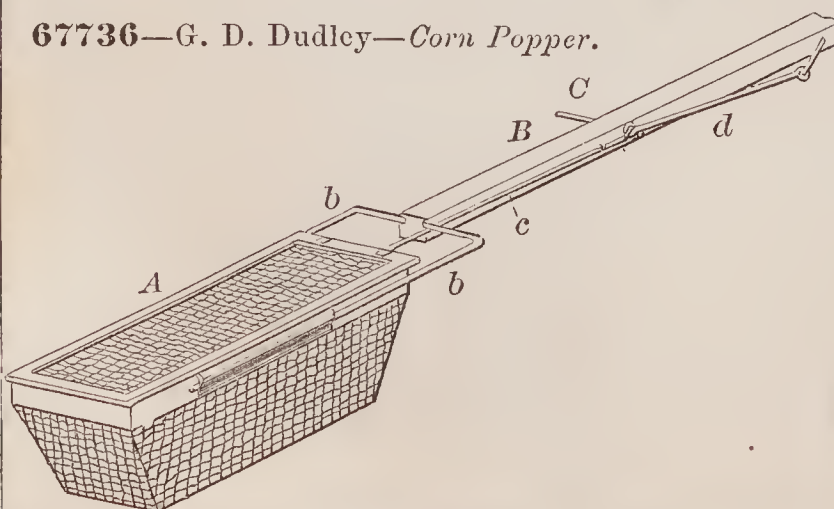
67734—H. Disston—Hardening and Straightening Steel Blades.



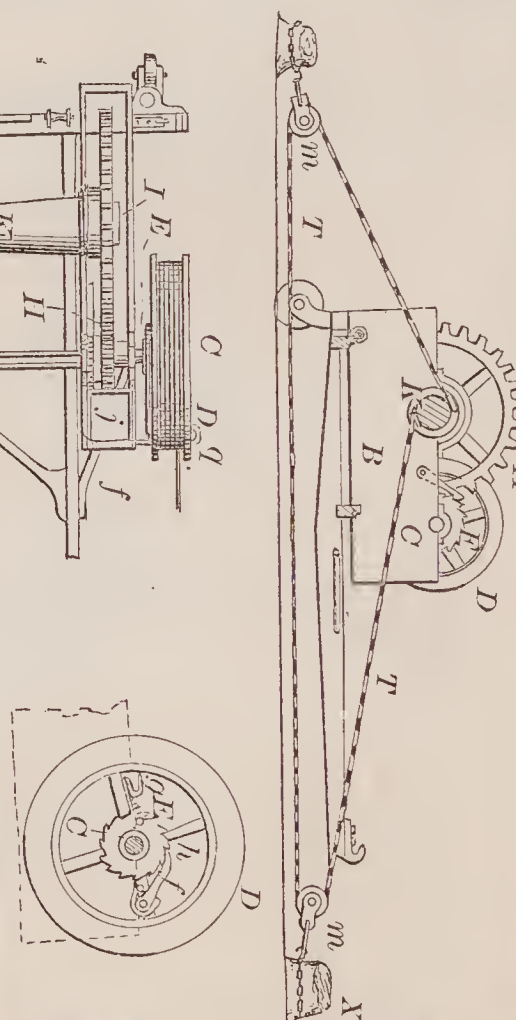
67735—W. A. Donnell—Corn Planter.

67737—
Dunbar & McNaught—
Device for Firkins,
Barrels, &c.67731—R. Daily—
Washing Machine.

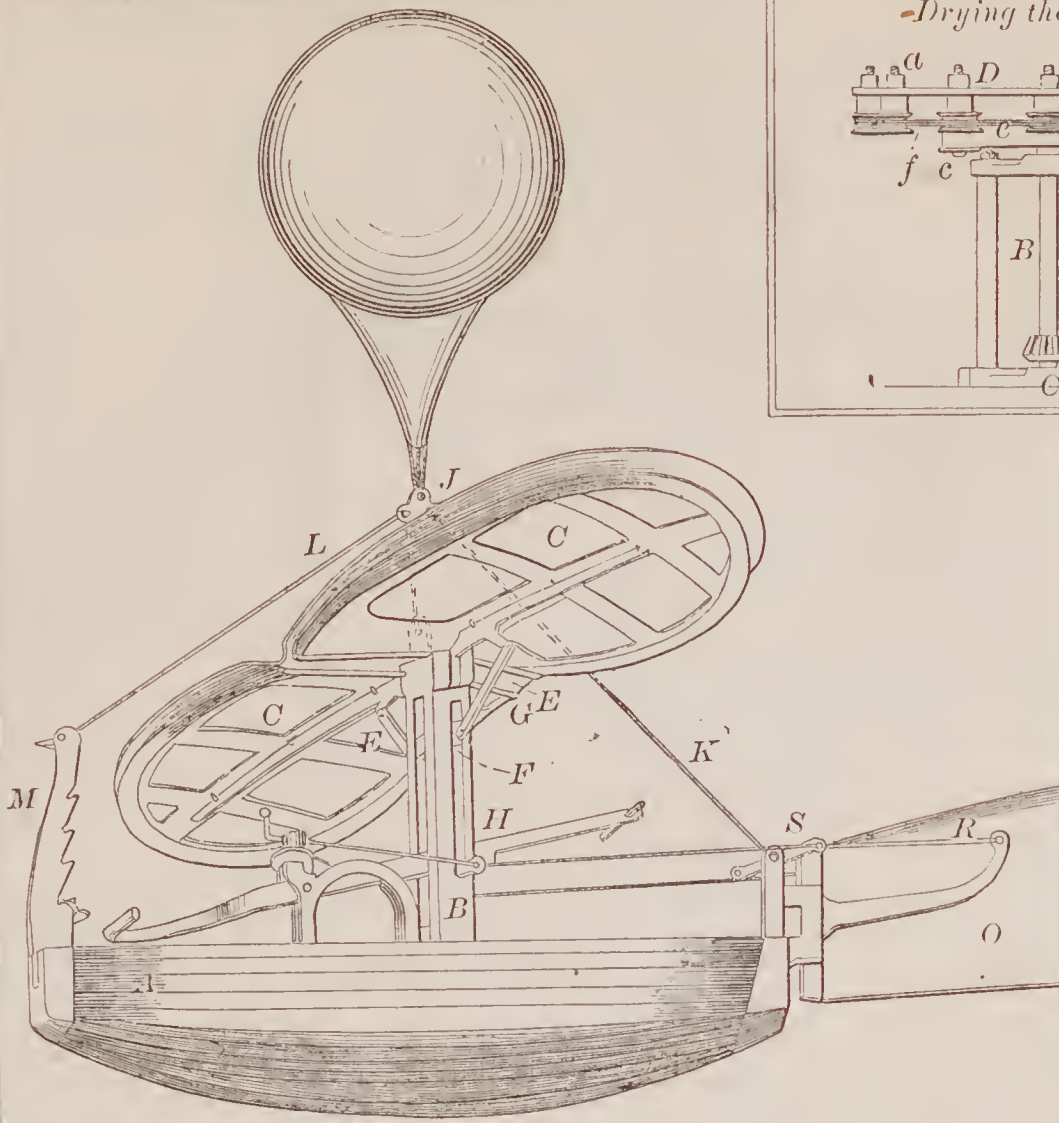
67736—G. D. Dudley—Corn Popper.



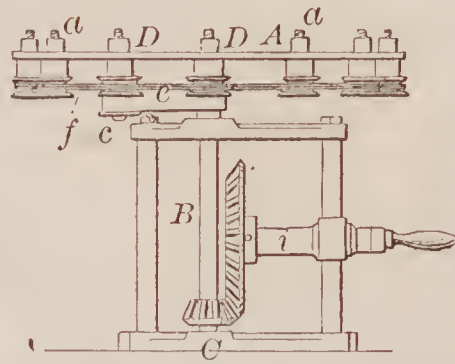
67738—L. R. Dye—Stump Extractor.



67739—J. A. Elston—*Aerial Machine.*



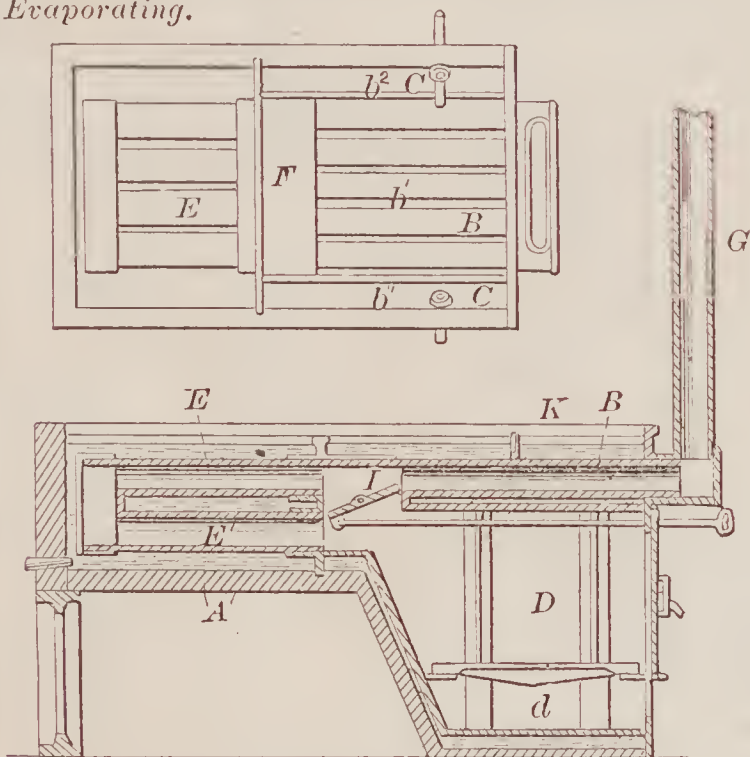
67740—M. Esselen—*For Raising and Drying the Naps of Hats.*



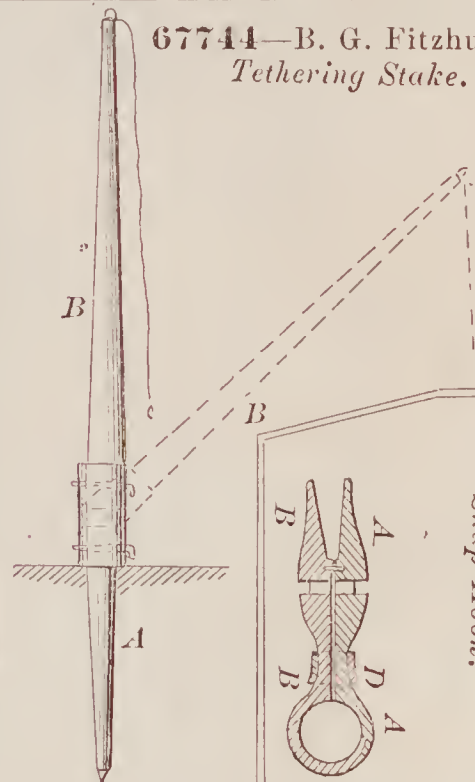
67741—J. Evans, Jr.—*For Casting Anchor.*



67742—Farquhar & Doan—*For Heating and Evaporating.*



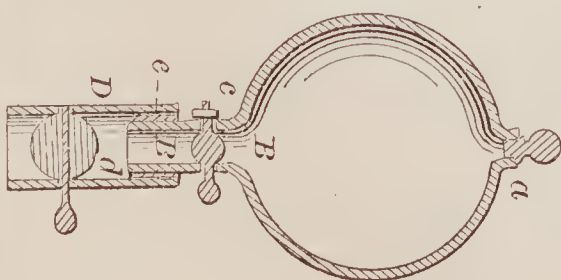
67744—B. G. Fitzhugh—*Tethering Stake.*



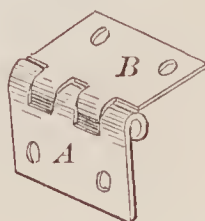
67746—W. S. Furlow—*Snop Hook.*



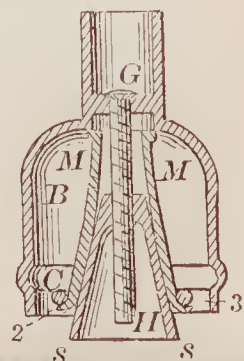
67743—E. Faull—*Lubricator.*



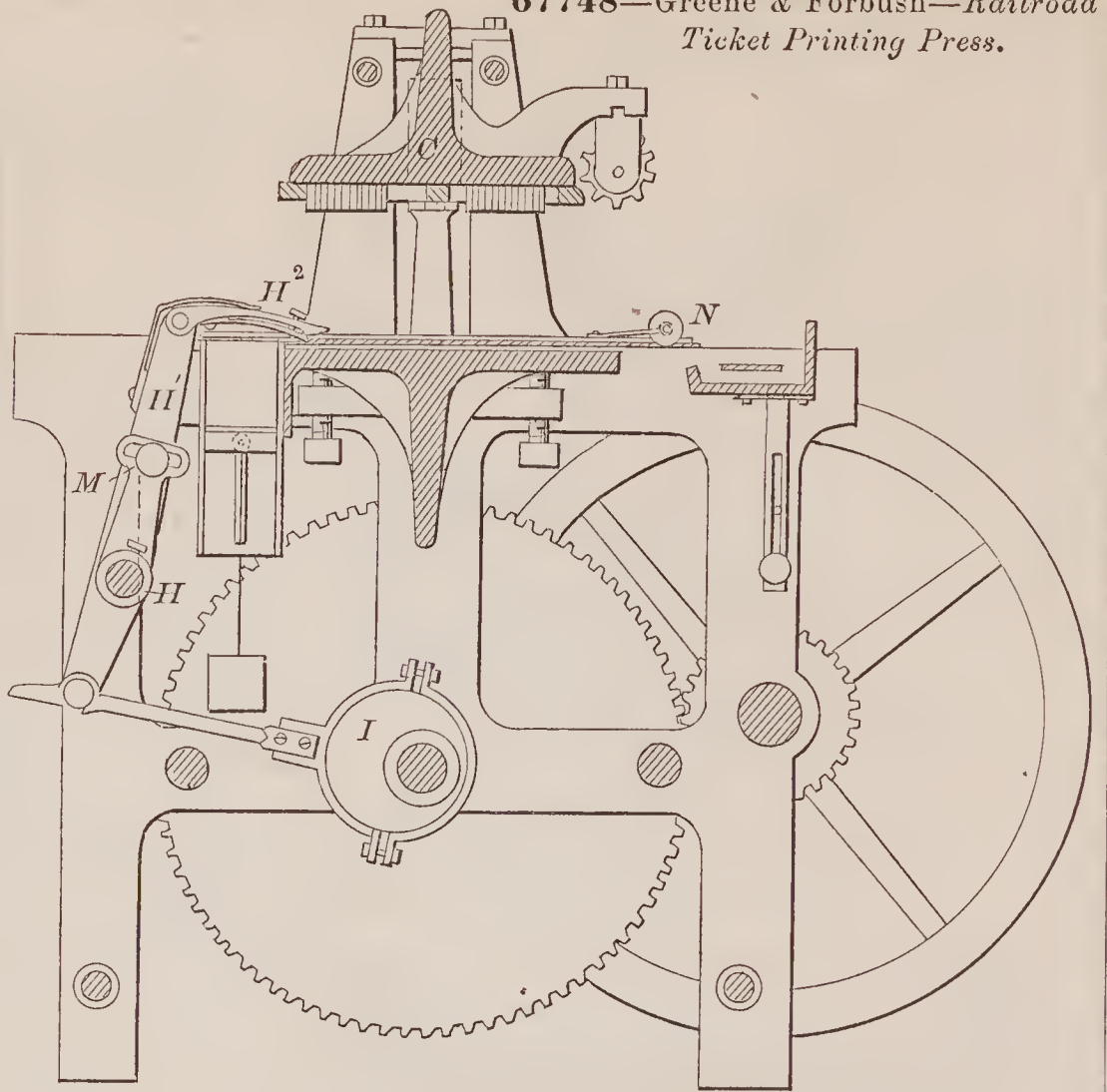
67747—C. Goodrich—*Butt Hinge.*



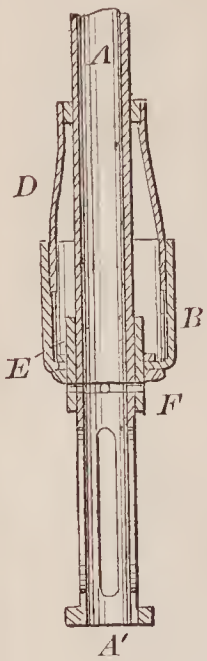
67745—W. H. Forker—*Brush.*



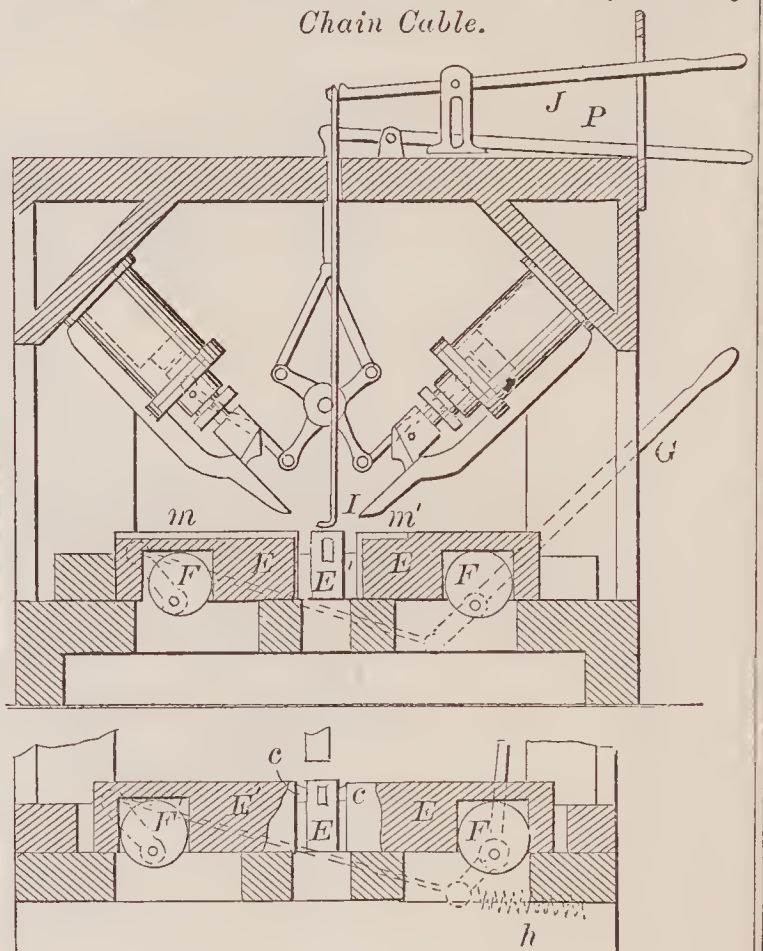
67748—Greene & Forbush—*Railroad Ticket Printing Press.*



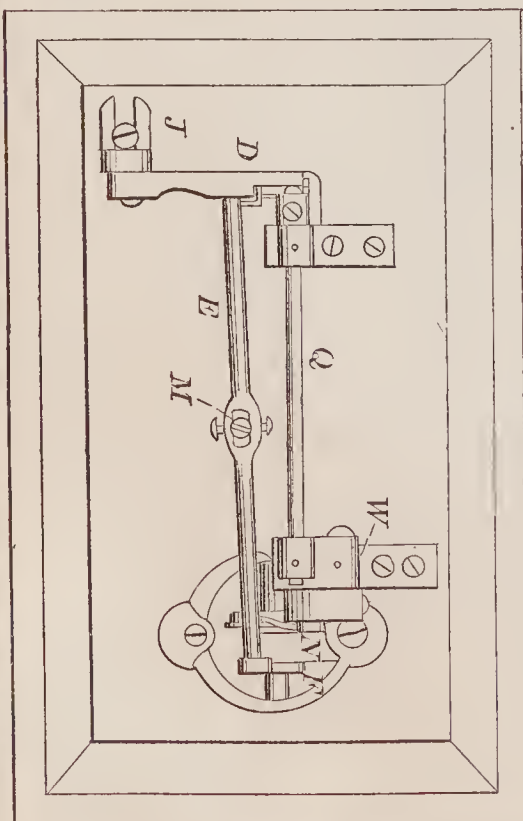
67749—A. D. Griffin—*Packing for Deep Wells.*



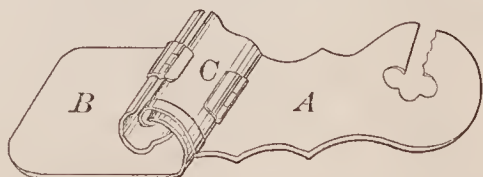
67751—W. D. Grimshaw—*For Manufacturing Chain Cable.*



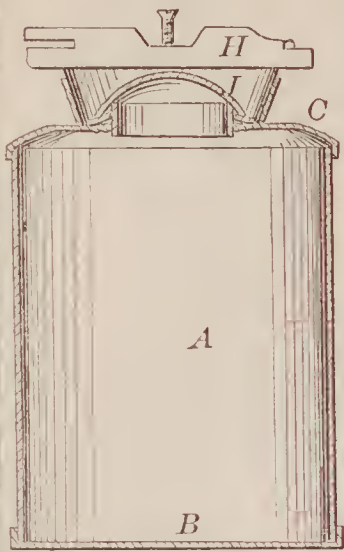
67752—H. W. Hadley—*Sewing Machine.*



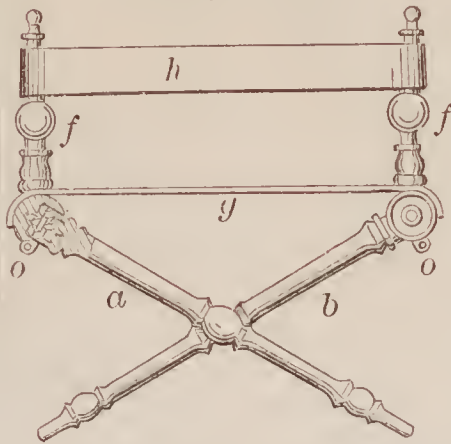
67753—J. R. Haggerty—*Hemmer for Sewing Machines.*



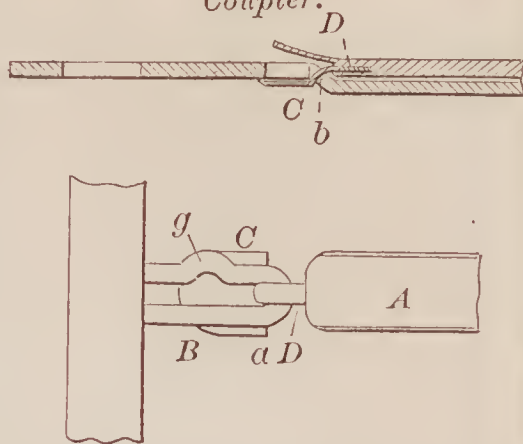
67754—J. Haines—*Fruit Can.*



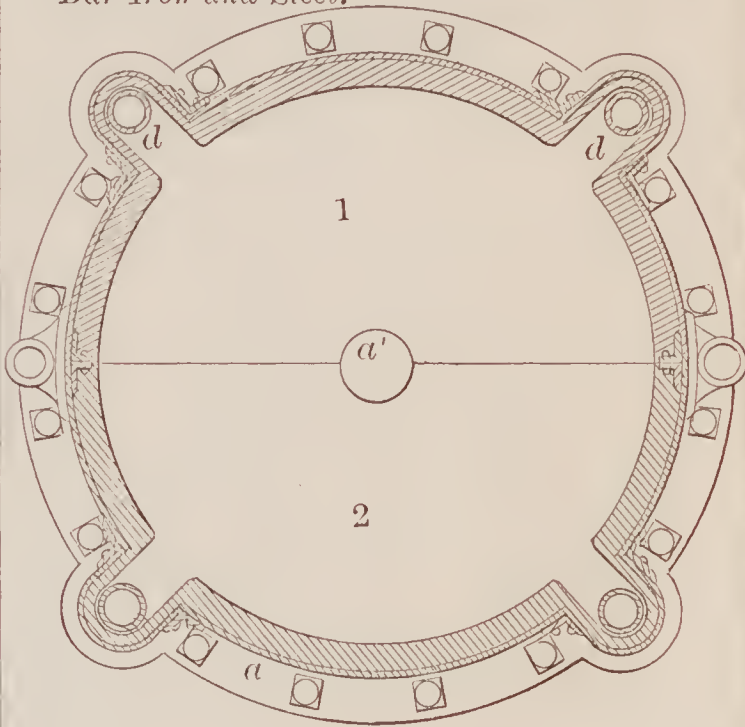
67759—P. J. Hardy—*Folding Chair.*



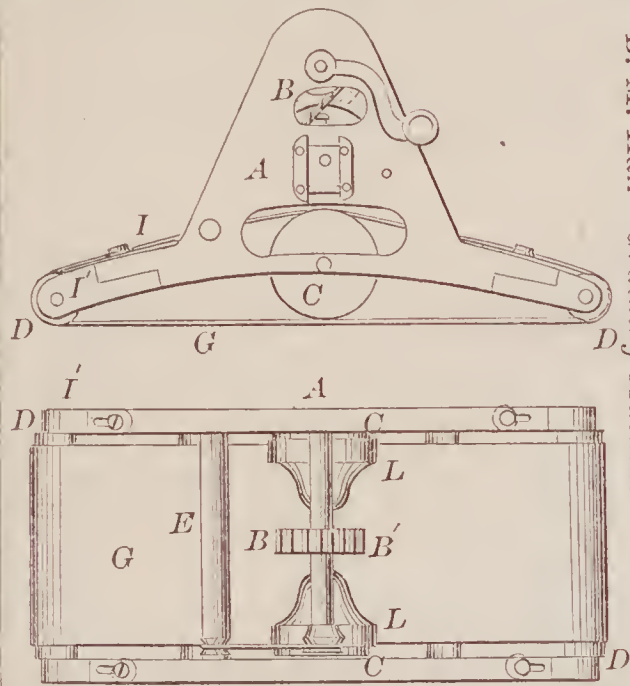
67761—P. A. Hause—*Trace Coupler.*



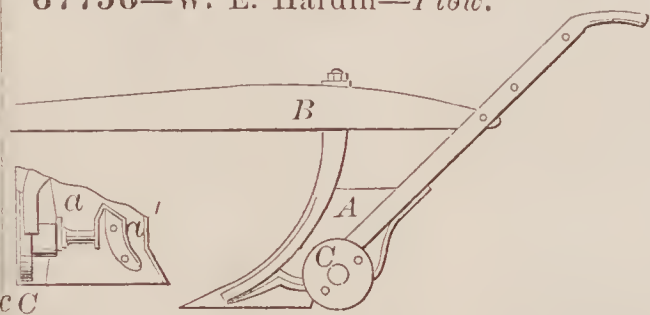
67762—J. Heaton—*Converting Cast Iron into Bar Iron and Steel.*



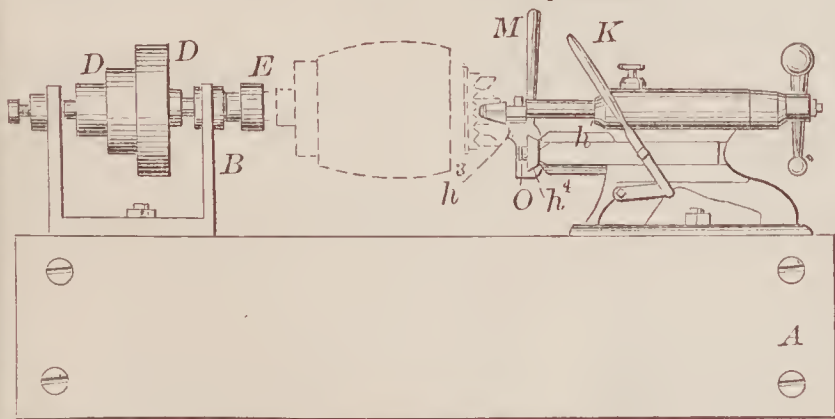
67755—B. M. Hall—*Grinding Machine.*



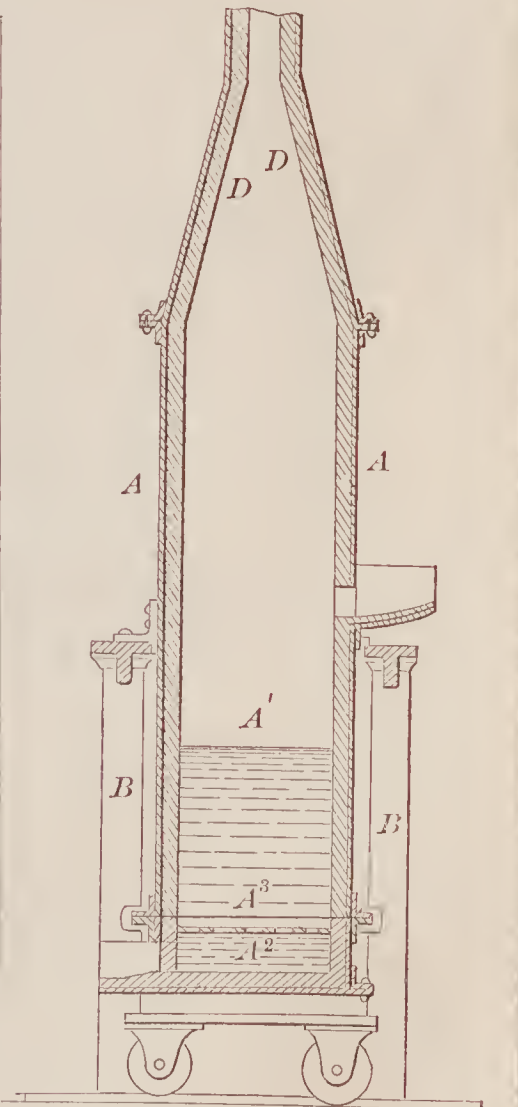
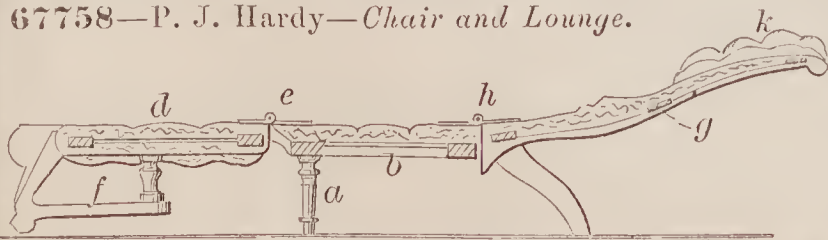
67756—W. E. Hardin—*Plow.*



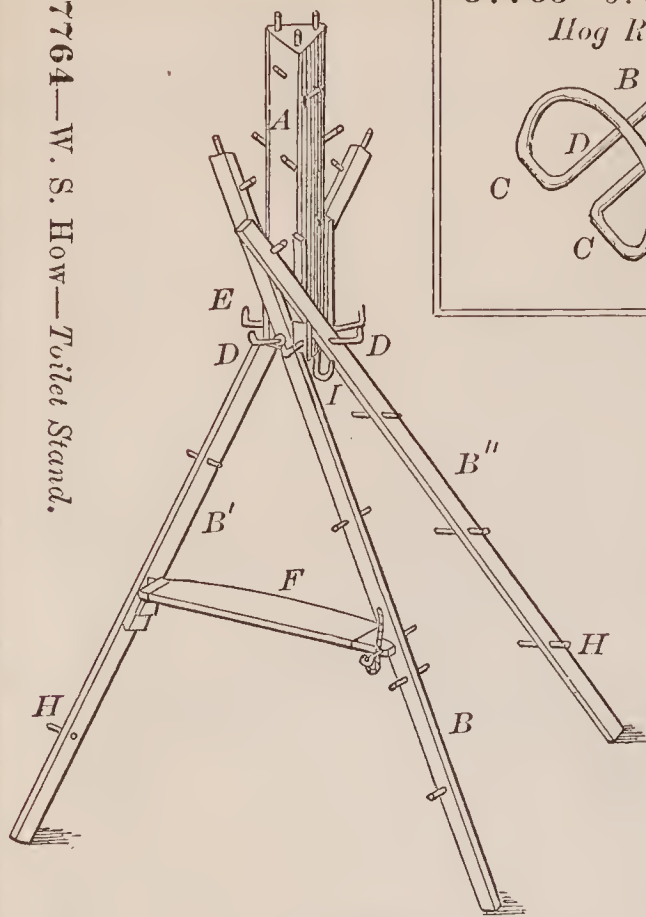
67757—S. L. Hart—*Wood Turning Lathe.*



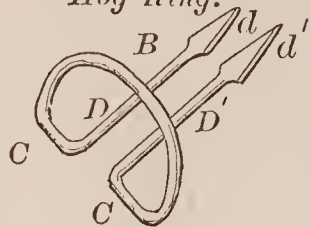
67758—P. J. Hardy—*Chair and Lounge.*



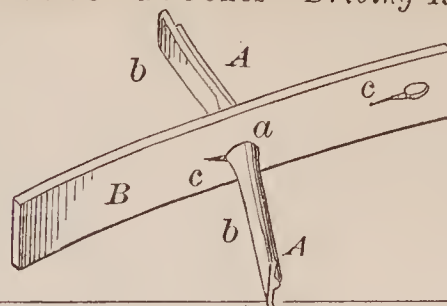
67764—W. S. How—Toilet Stand.



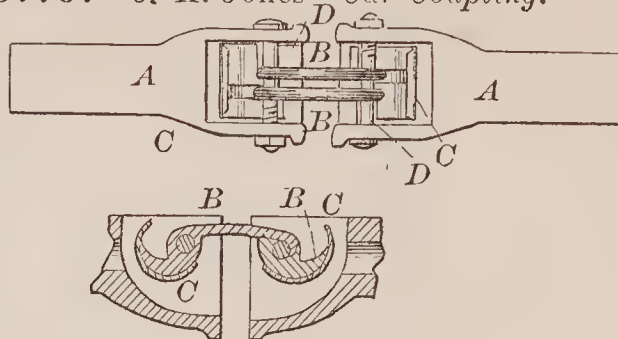
67765—J. J. Hutson—Hog Ring.



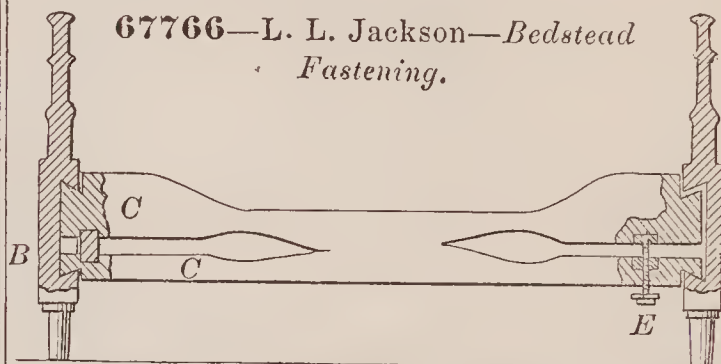
67768—P. Jones—Driving Rein.



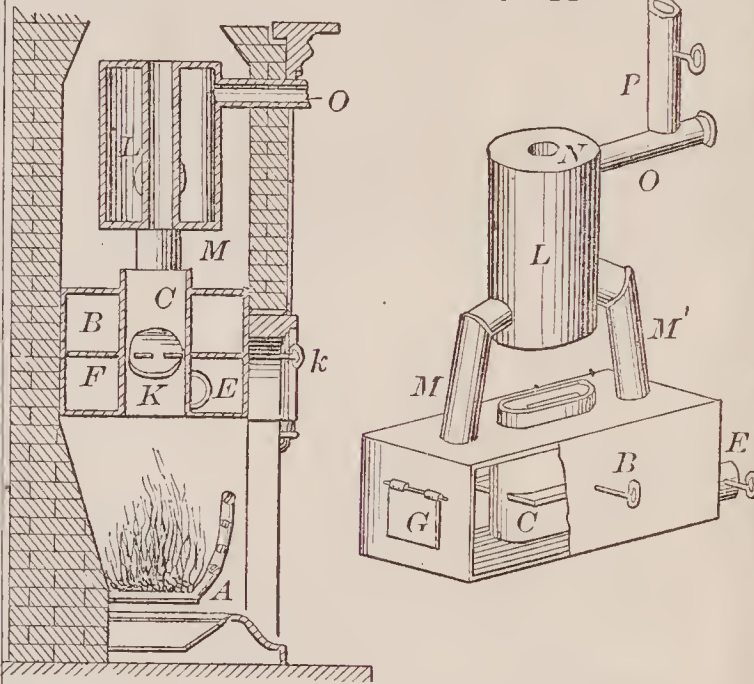
67767—J. H. Jones—Car Coupling.



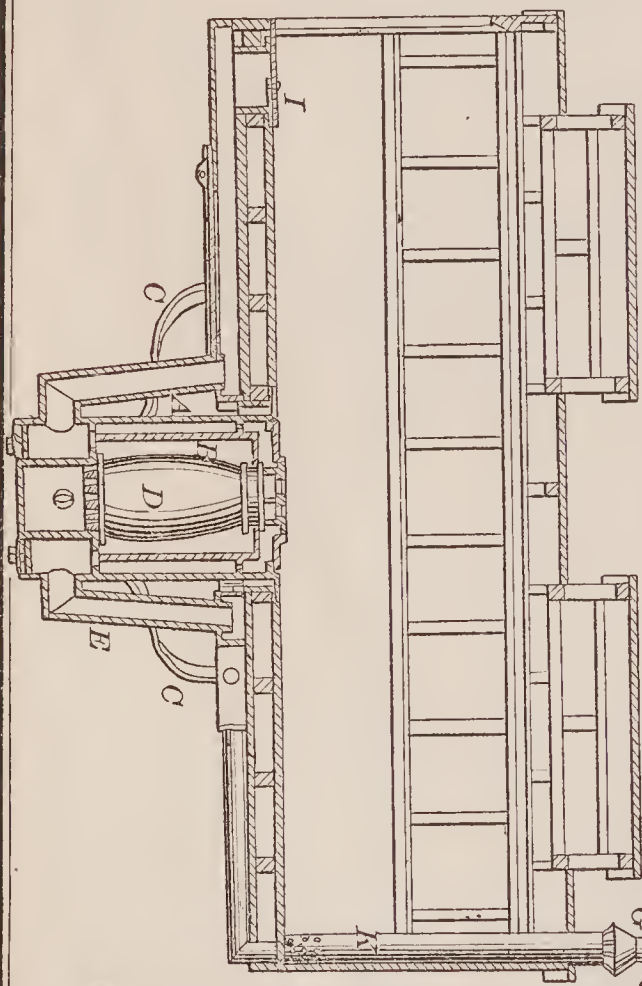
67766—L. L. Jackson—Bedstead Fastening.



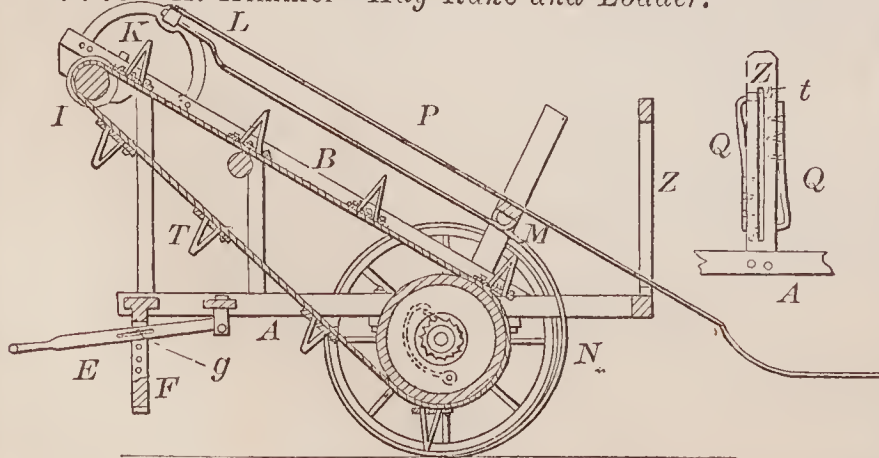
67769—C. Kalbfuss—Warming Apparatus.



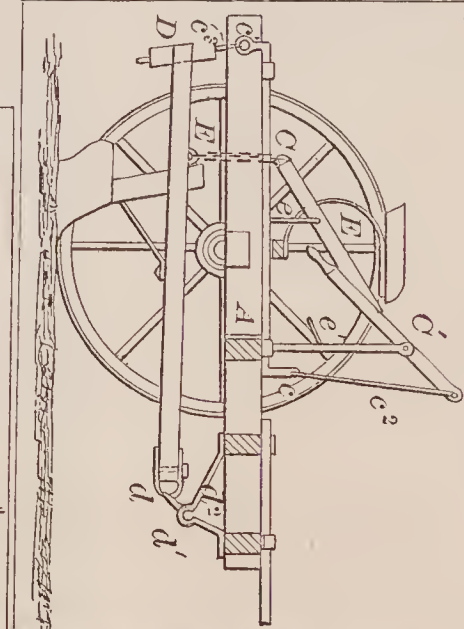
67770—W. G. Kendrick—Railroad Car Heater.



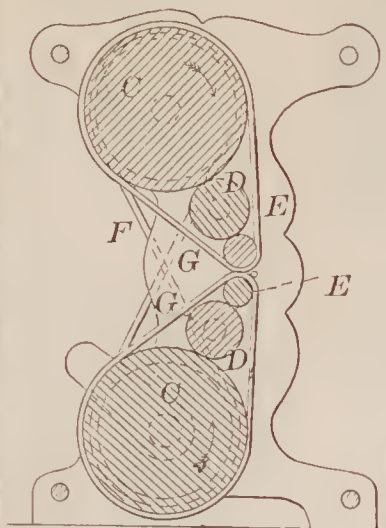
67771—H. Kimmel—Hay Rake and Loader.



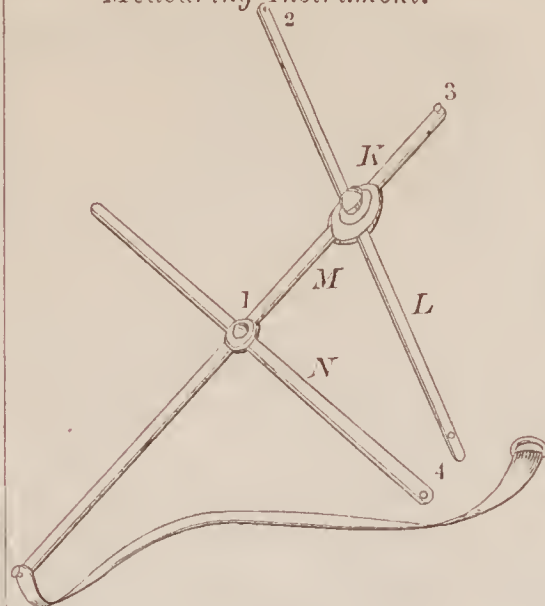
67772—J. D. Kincaid—Plow.



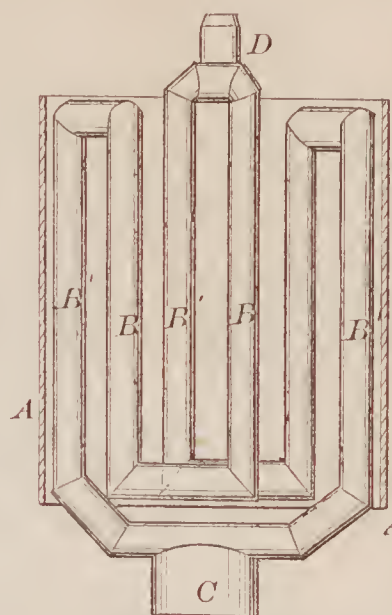
67773—
J. W. Kokemuller—
Cotton Gin.



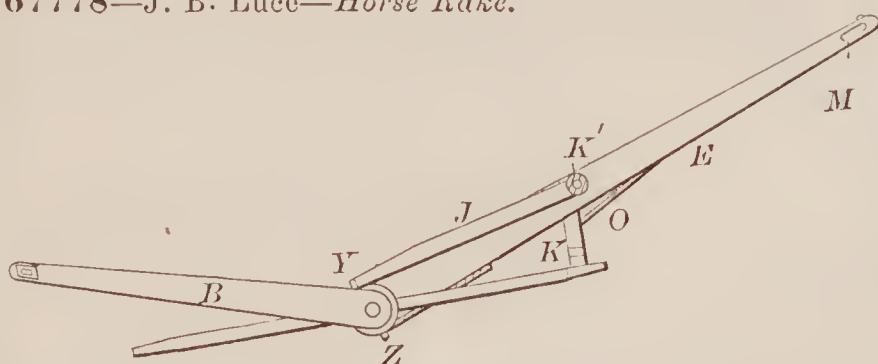
67774—J. M. Krider—*Tailors' Measuring Instrument.*



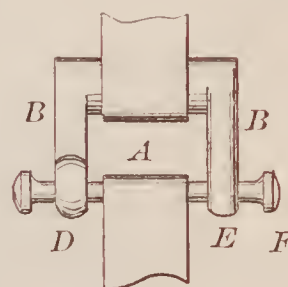
67779—J. A. Marvin—Store Pipe Drum.



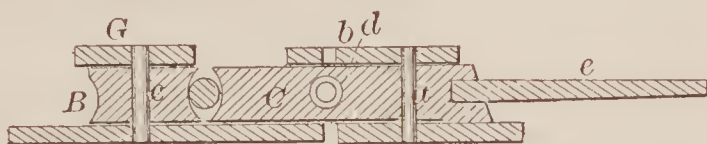
67778—J. B. Luce—*Horse Rake.*



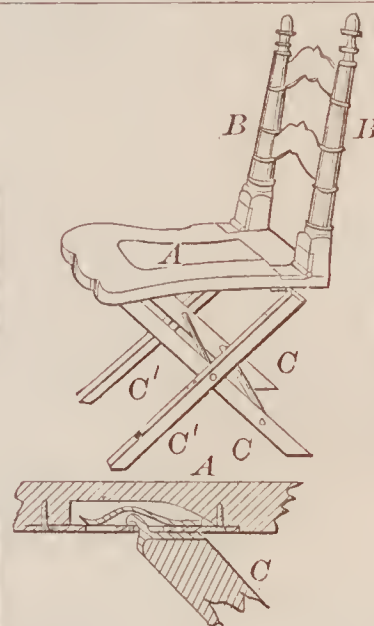
67777—L. Littlejohn—
Cotton Bale Tie.



67775—J. D. Leach—*Ship's Block and Warping Chock.*



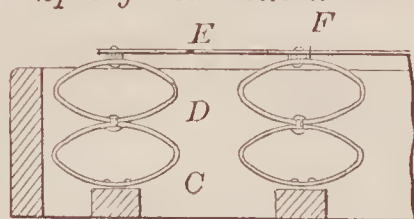
67780—Mason & Downe—*Holding Chair.*



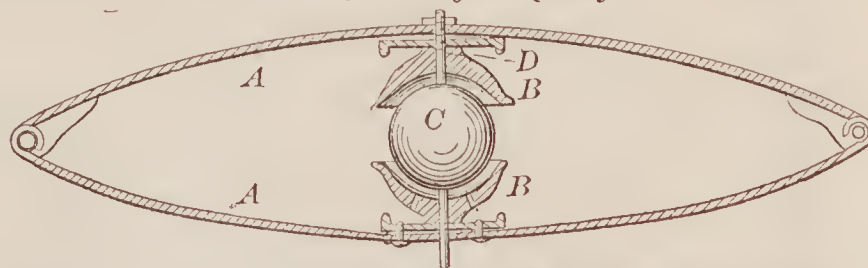
67784—D. McHugh—
Mosquito Bar.



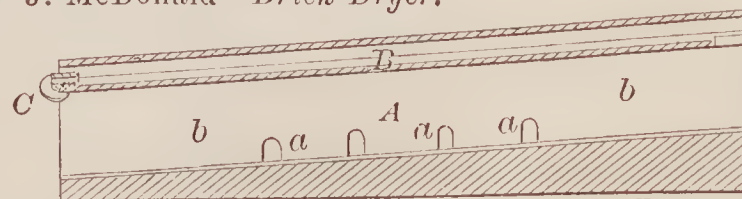
67776—M. Le Page—
Spring Bed Bottom.



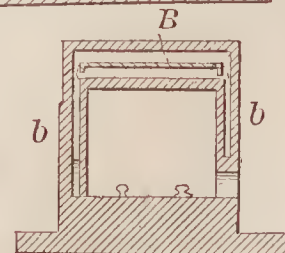
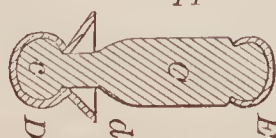
67782—E. P. McCarthy—*Wagon Spring.*



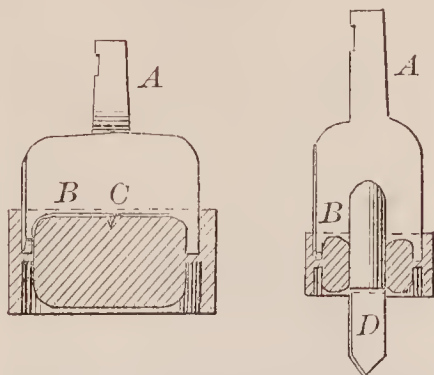
67783—J. McDonald—*Brick Dryer.*



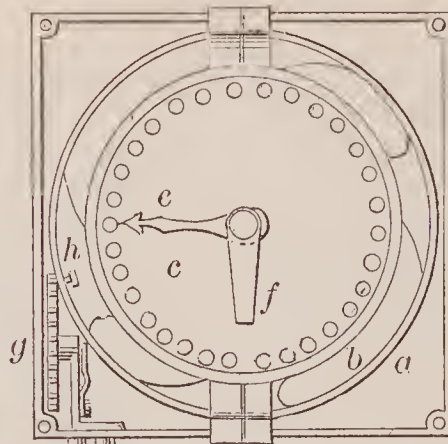
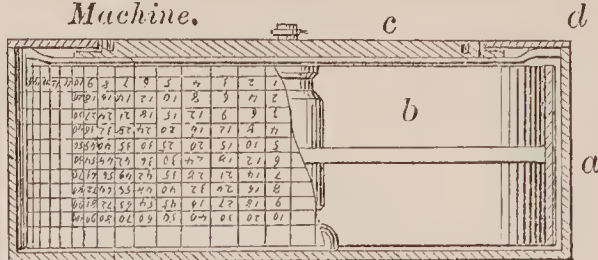
67781—J. Matthews, Jr.—*Bottle Stopper.*



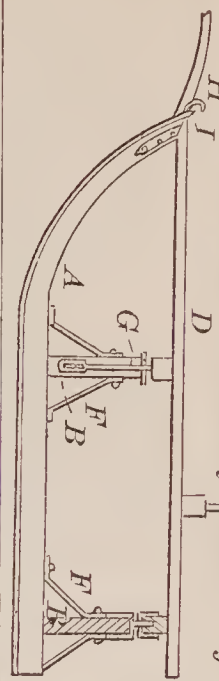
67785—McMillan & Devoe—
Centre Bit.



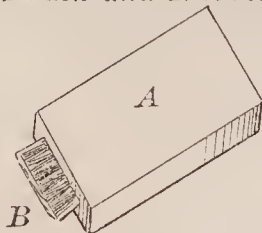
67786—A. Mendenhall—*Calculating Machine.*



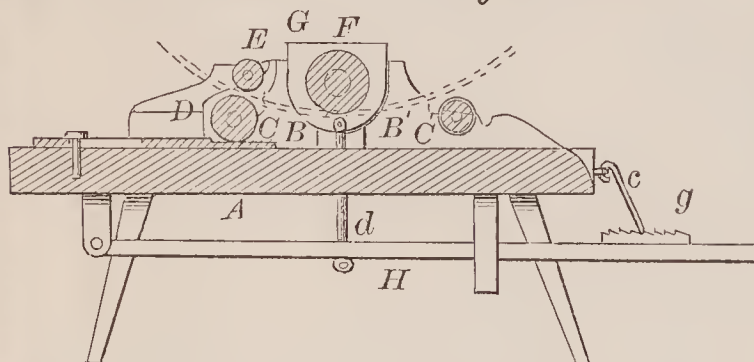
67790—G. O. Momeny—*Bob Sleigh.*



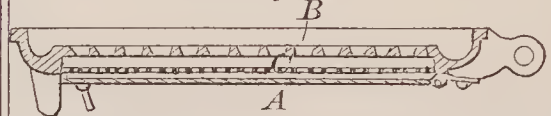
67787—A. S. Miles—
Brush and Rubber.



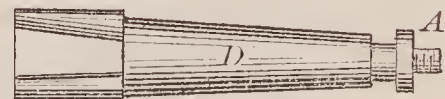
67788—F. Mills—*For Bending Tires.*



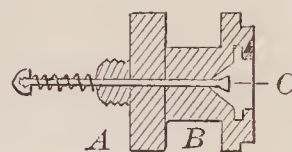
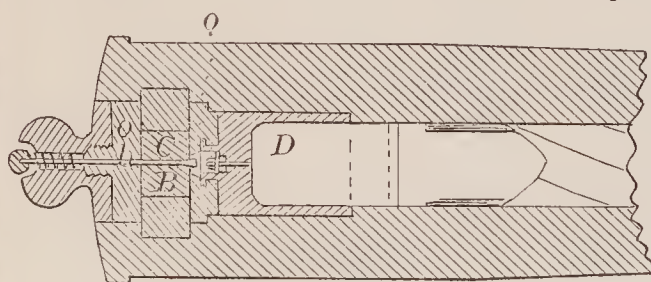
67791—G. R. Moore—*Door for Heating Stoves.*



67794—C. Oyster—*Securing Wheels of Vehicles on Axles.*



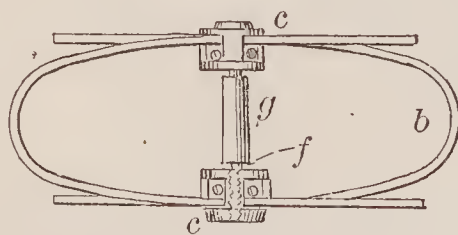
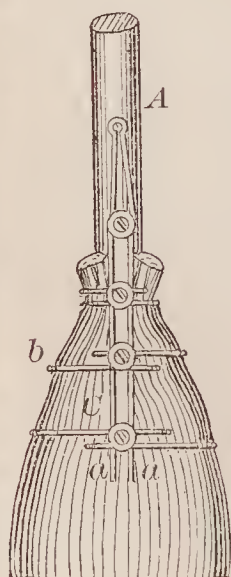
67792—C. C. Wolfrum—*Breech-Loading Ordnance.*



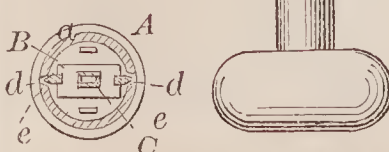
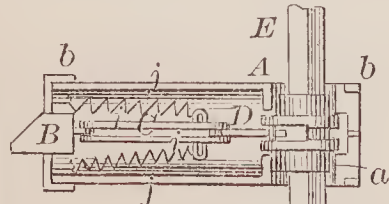
67789—Mitchel & Chapman—*Snap Hook.*



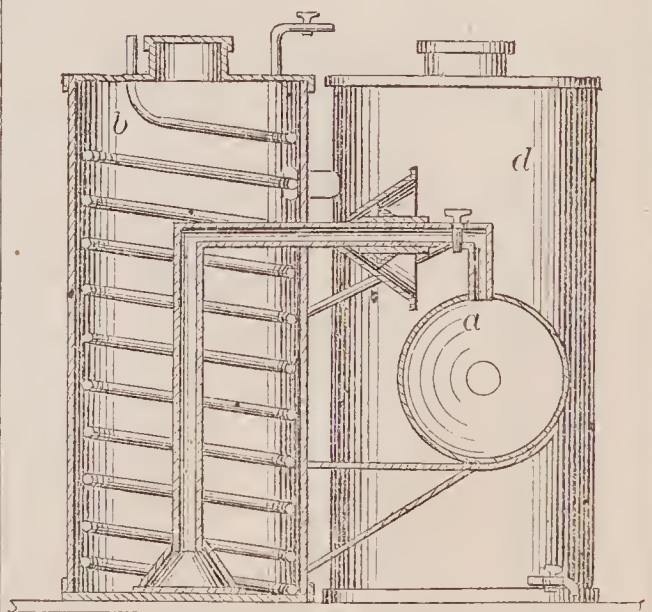
67793—Nobles & Holcomb—*Broom Head.*



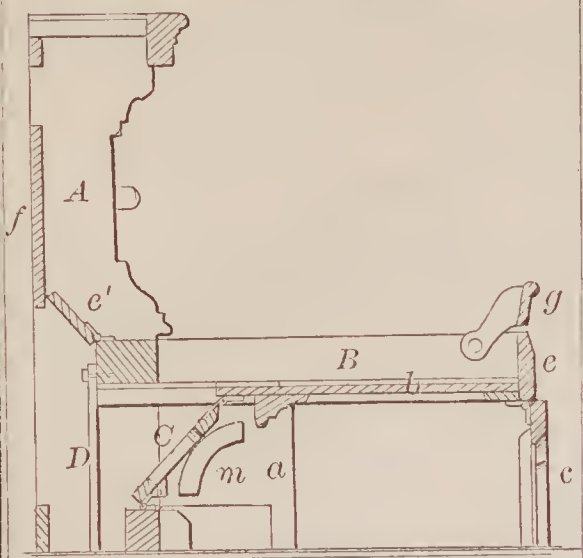
67795—G. H. Palmer—*Mortise Knob Latch.*



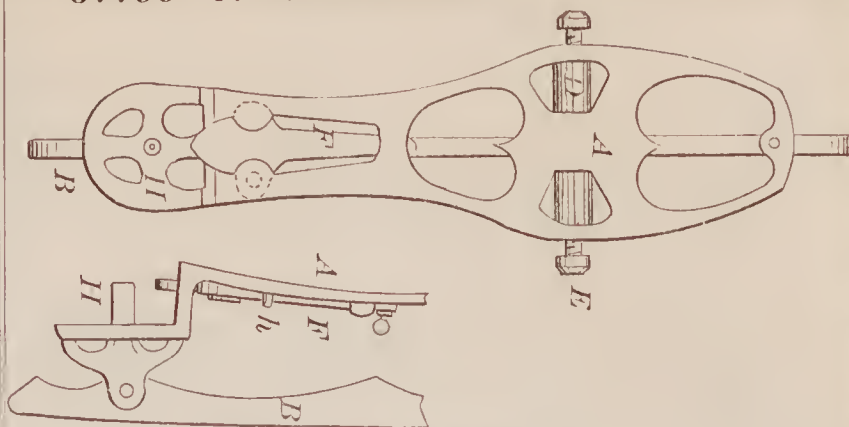
67796—J. C. Pedrick—*For Treating Petroleum.*



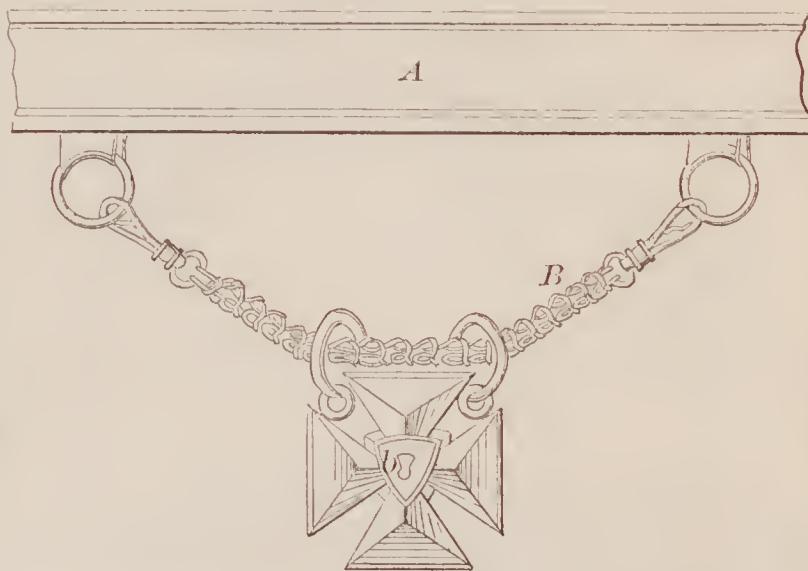
67797—J. F. C. Pickhardt—*Wardrobe Bedstead.*



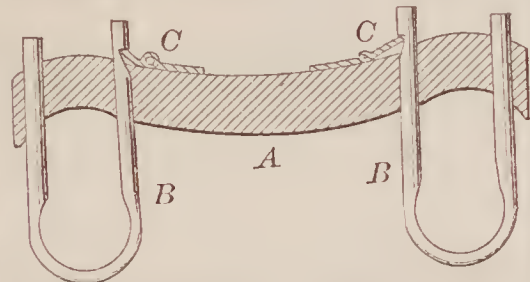
67799—J. W. Post—*Skate.*



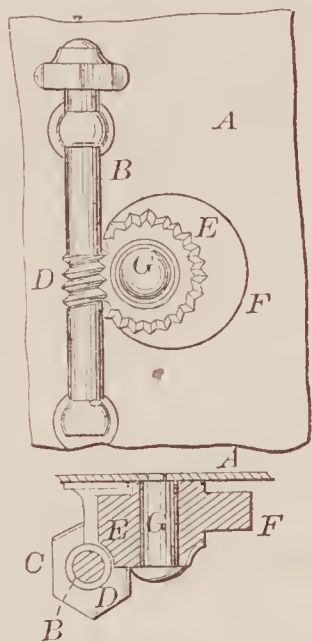
67800—V. Price—*Hanging Swords.*



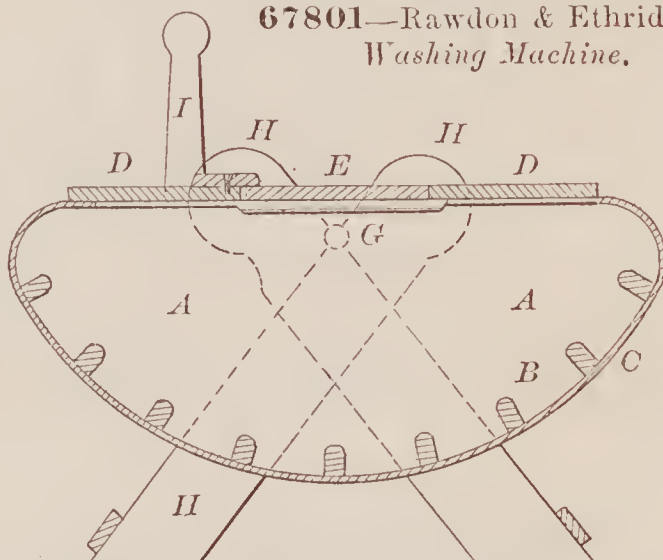
67798—C. H. Post—*Ox Yoke.*



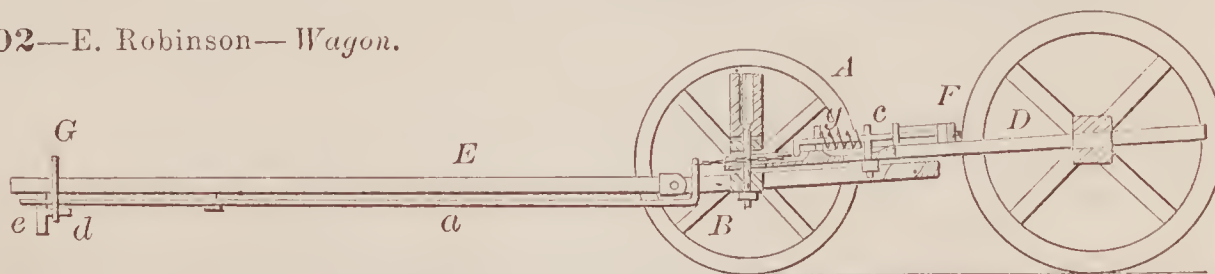
67803—G. Robinson—*Feed Regulator for Sewing Machines.*



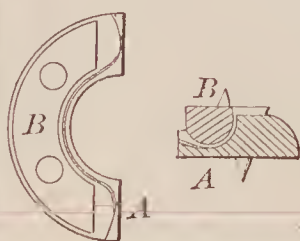
67801—Rawdon & Ethridge—*Washing Machine.*



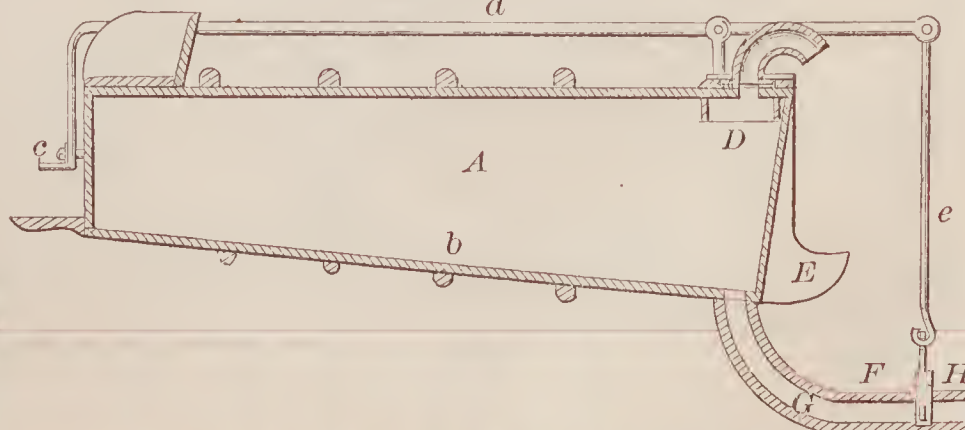
67802—E. Robinson—*Wagon.*

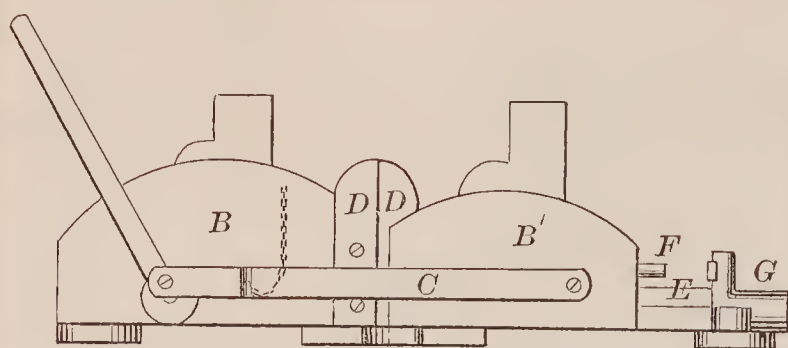
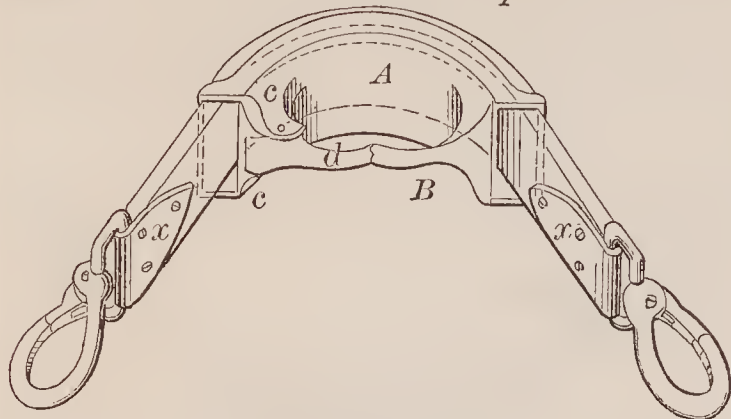
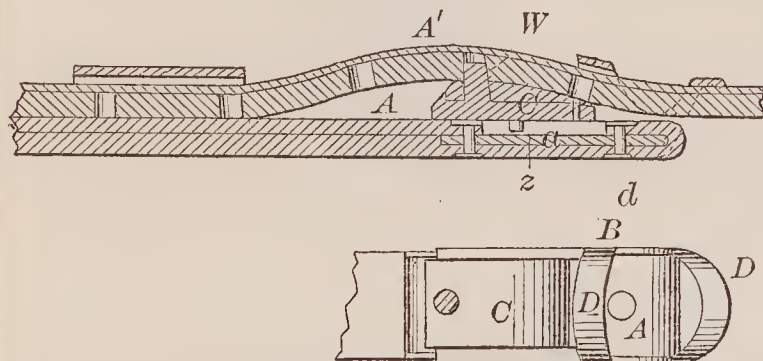
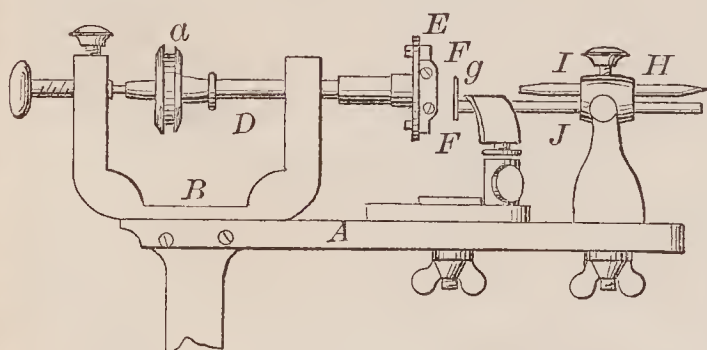
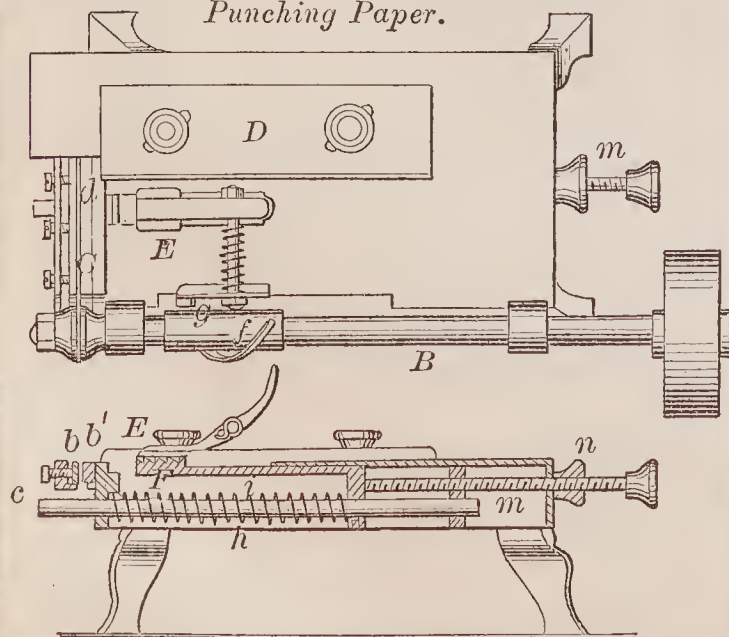
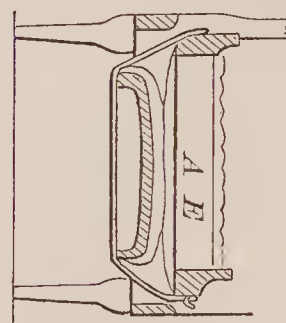
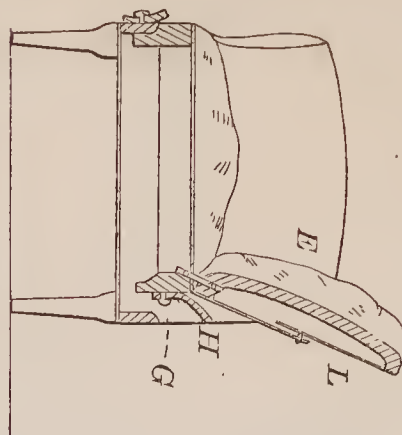
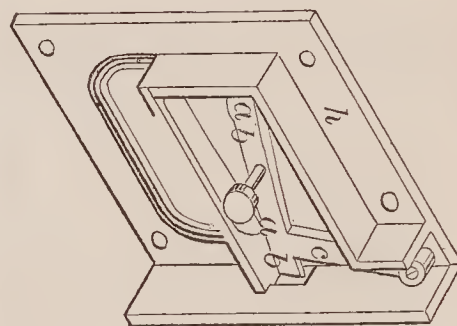
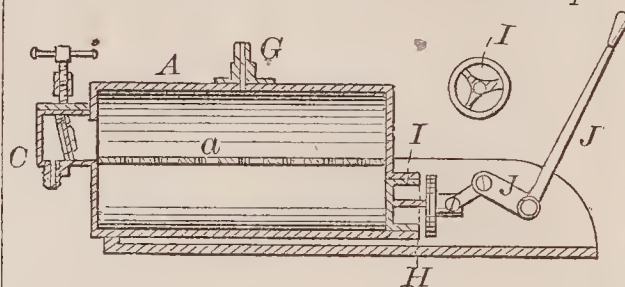
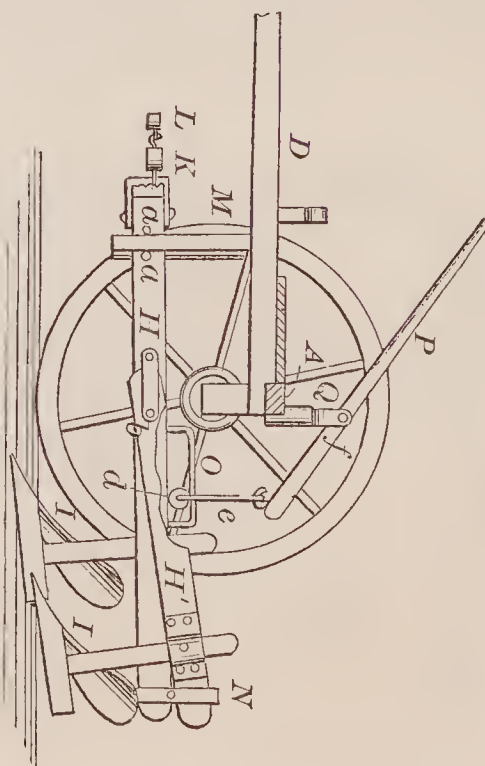


67804—J. Robinson—*Oar Collar.*

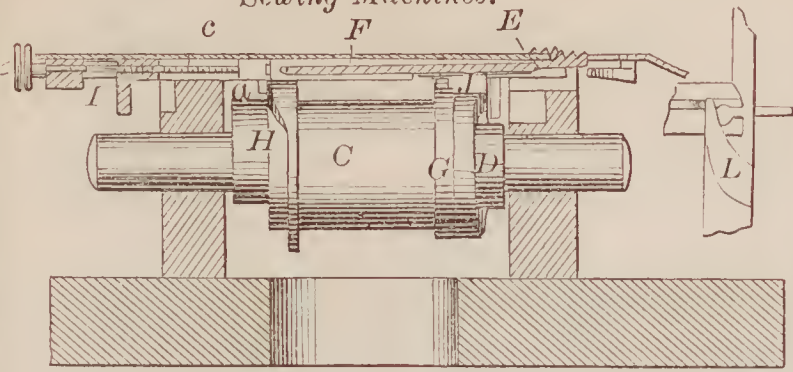


67805—L. Rodenhausen—*Street Sprinkling Cart.*

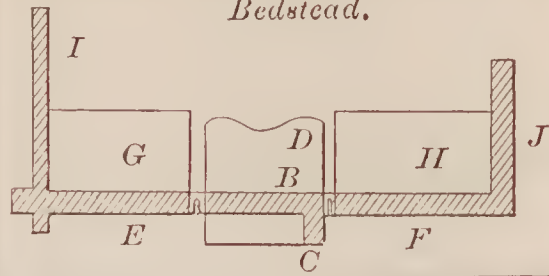


67806—A. Rogers—*Tire Shrinker*.67807—I. Roraback—*Breast Strap Slide*.67808—I. Roraback—*Buckle*.67810—F. Shaller—*Turning Lathe*.67813—J. T. S. Smith—*For Cutting and Punching Paper*.67809—H. Schultz—*Sofa and Bed*.67811—Shepard & Sigourney—*Latch*.67812—T. Simmons—*Steam Pump*.67814—H. P. Stafford—*Gang Plow*.

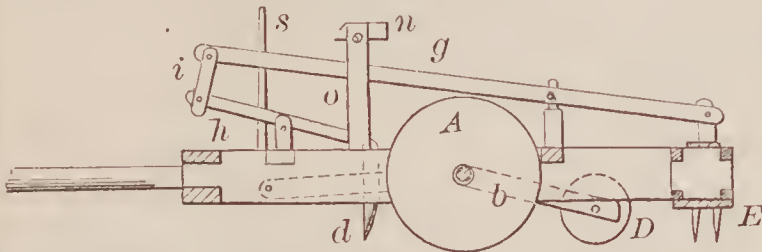
67815—R. B. Stanton—*Reversible Feed for Sewing Machines.*



67816—J. Stock—*Bureau and Bedstead.*



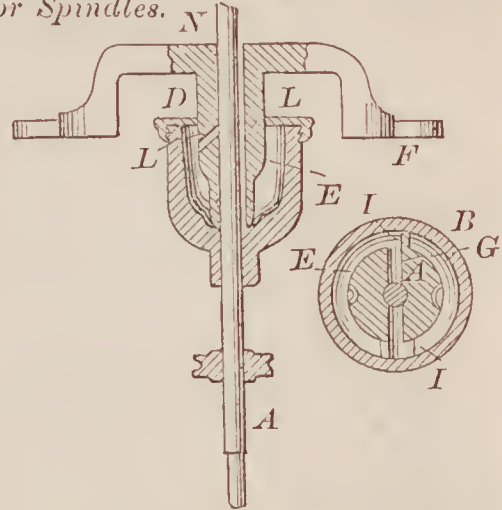
67817—E. E. Stubbs—*Cultivator.*



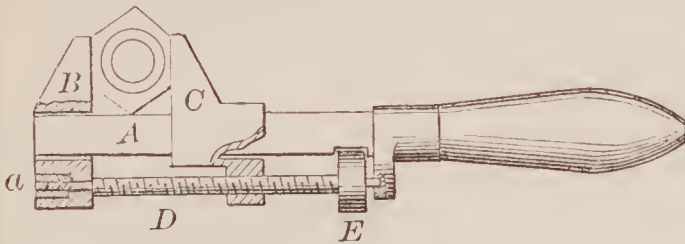
67820—H. Tupper—*Window Sash.*



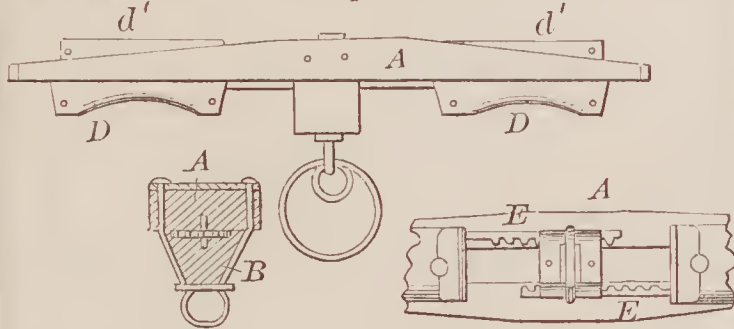
67821—R. P. Underwood—*Lubricator for Spindles.*



67818—G. C. Taft—*Wrench.*



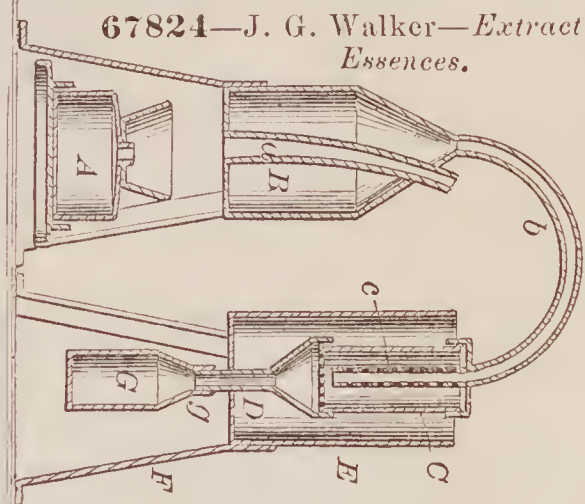
67819—W. A. Thompson—*Ox Yoke.*



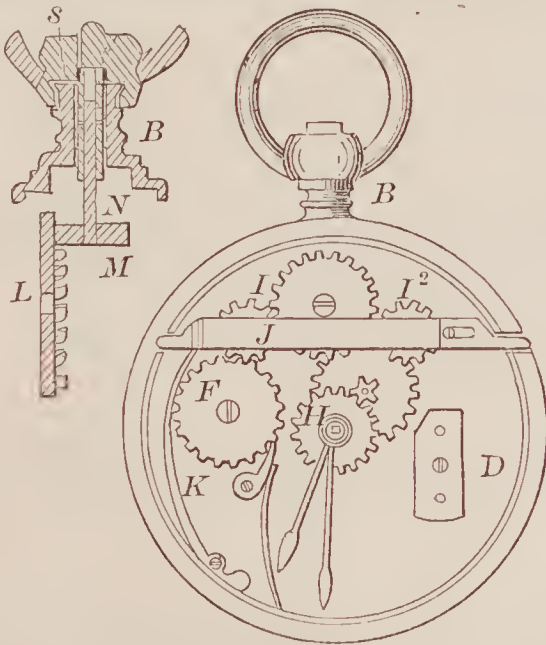
67822—H. H. Vere—*Spring Mattress.*



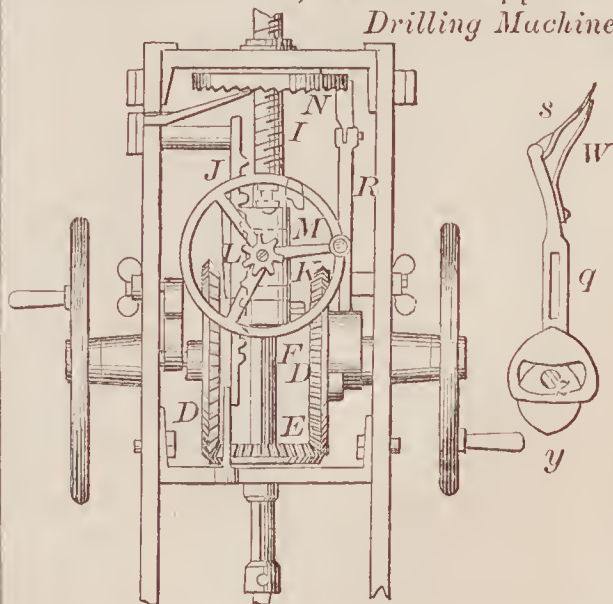
67824—J. G. Walker—*Extracting Essences.*



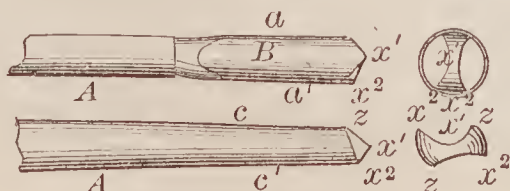
67823—A. Wadsworth—*Stem Winding Watch.*

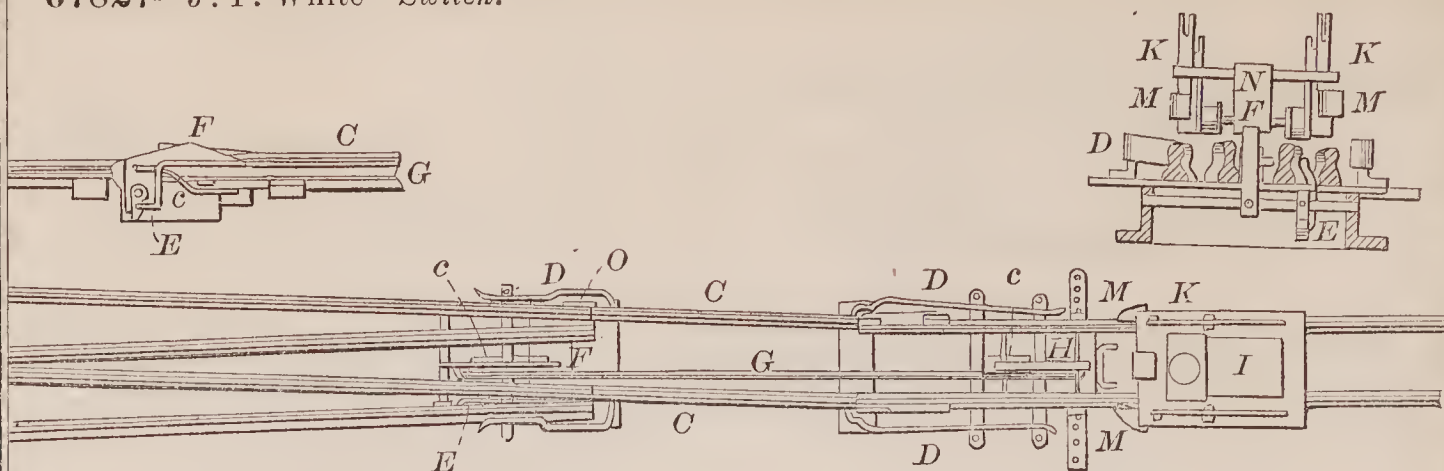
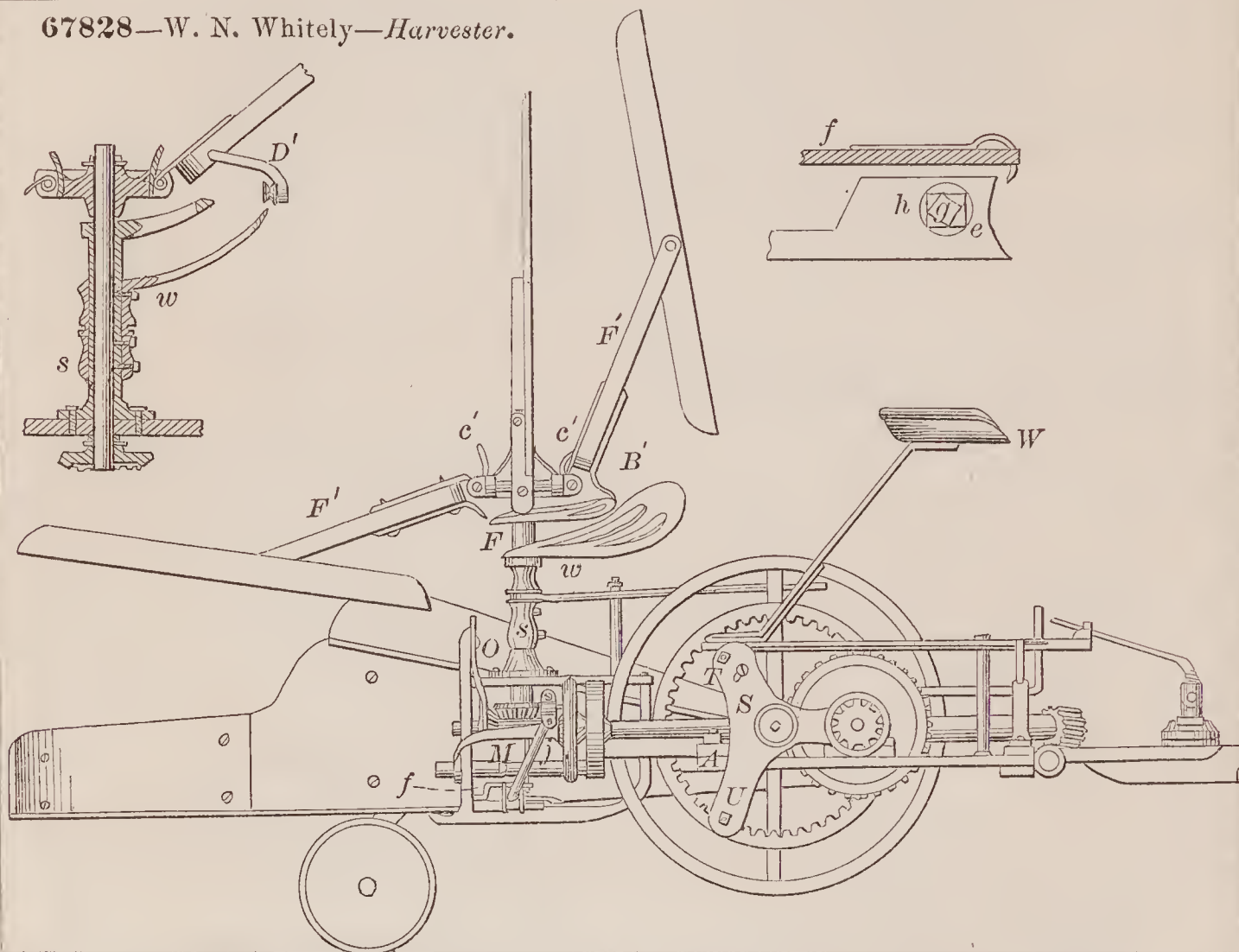
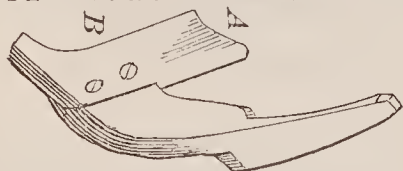
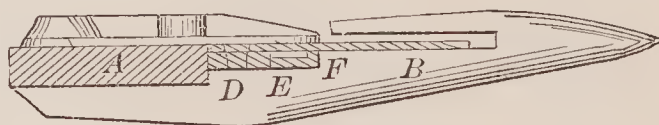
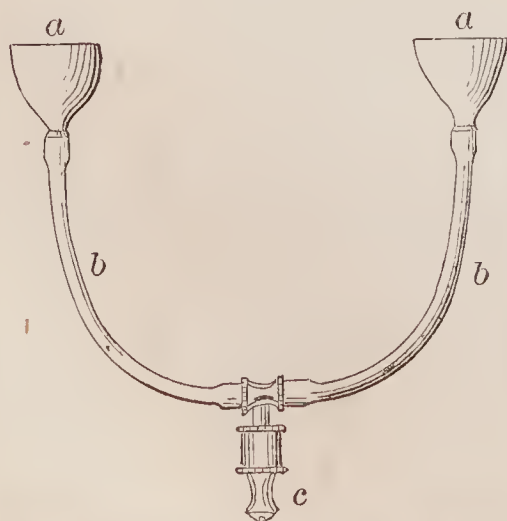
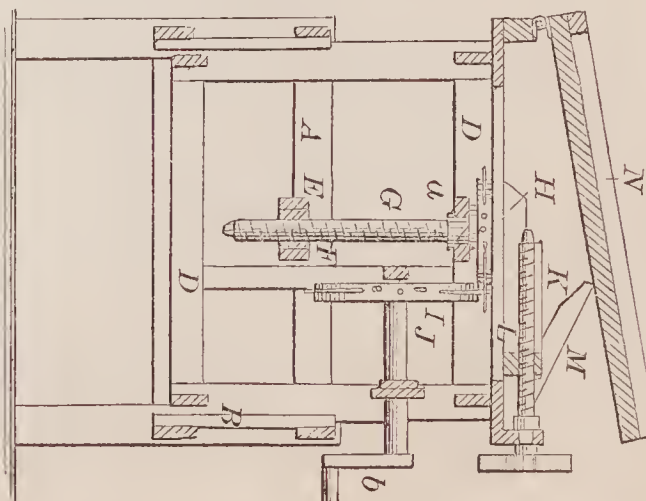


67826—Warner, Peiffer & Lepper—*Drilling Machine.*

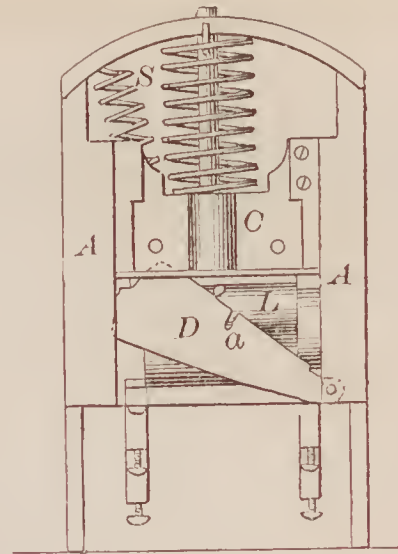
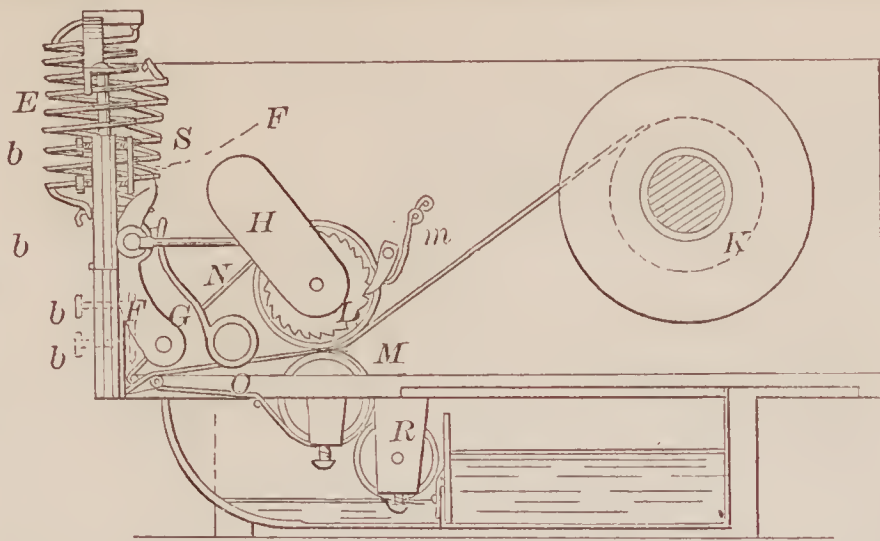


67825—D. Warner—*Drill.*

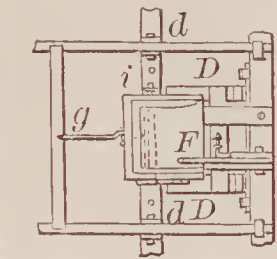
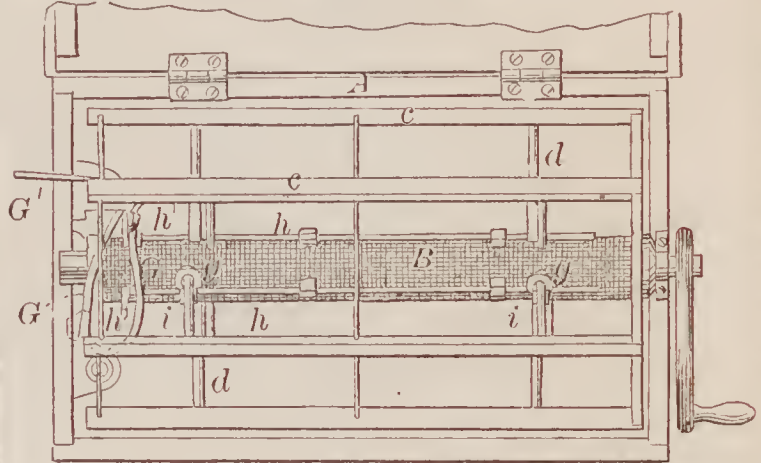


67827—J. P. White—*Switch*.67828—W. N. Whitely—*Harvester*.67831—W. B. Williams—*Cotton Plow*.67829—Whitely, Fassler & Kelly—*Harvester Cutter*.67832—J. M. Winslow—*Eye Cup*.67830—T. E. Wilke—*Camera Stand*.

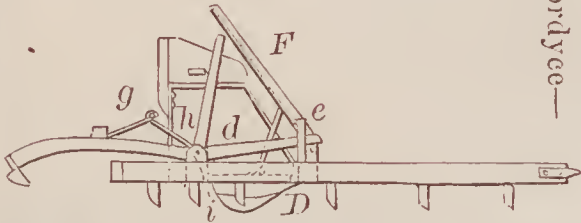
67833—J. F. Zacharias—*For Attaching Labels.*



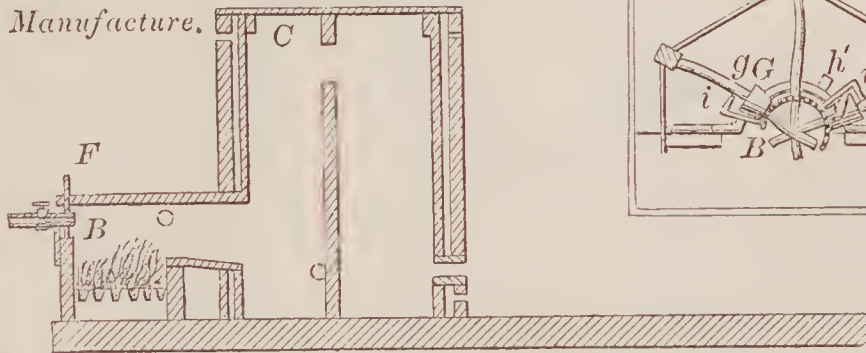
67836—R. H. Alexander—*Flour Bolt.*



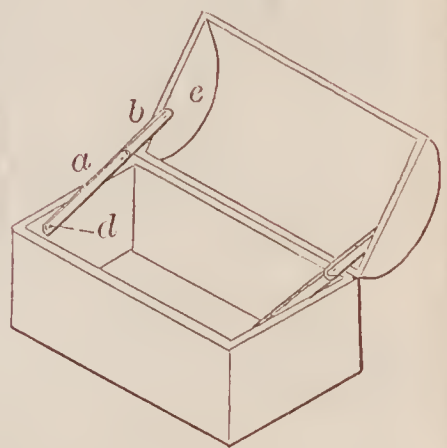
67835—J. N. Fordyce—*Harrow.*



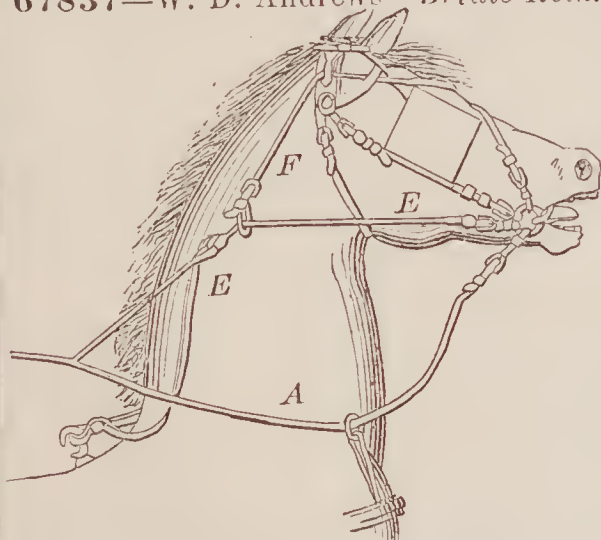
67839—Bartlett & Lewis—*White Paint Manufacture.*



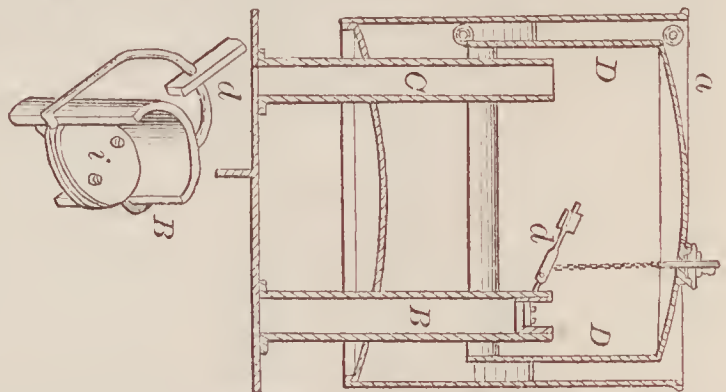
67834—P. J. Steer—*Trunk Check.*



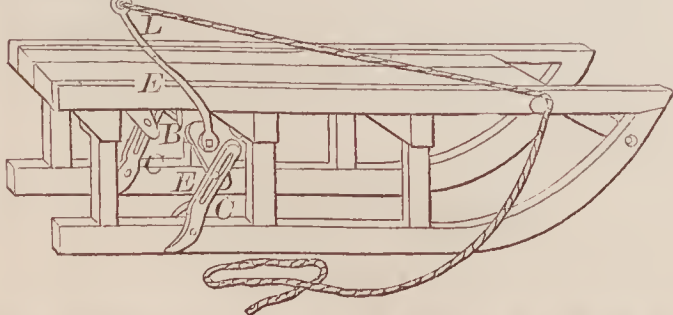
67837—W. D. Andrews—*Bridle Rein.*



67840—J. H. Beacher—*Valve for Gas Generators.*

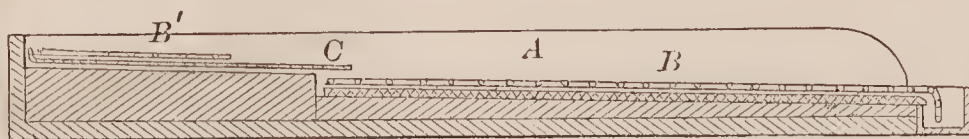
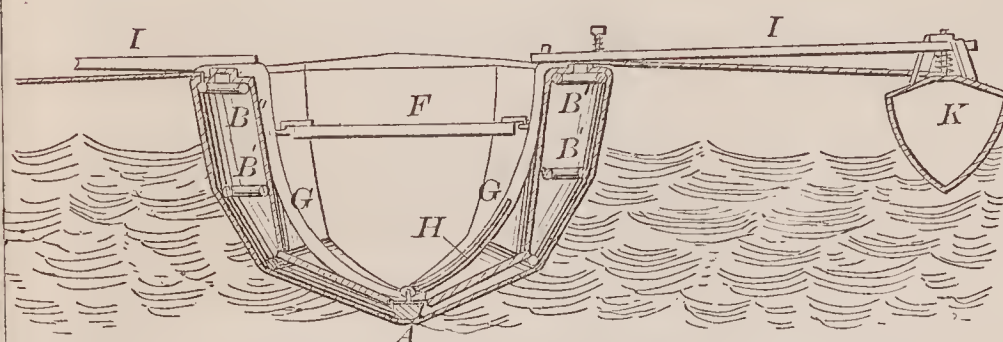
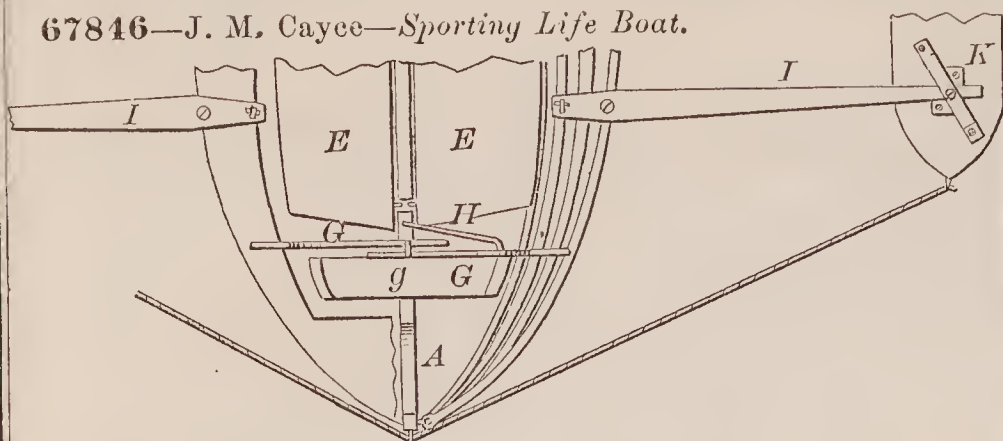
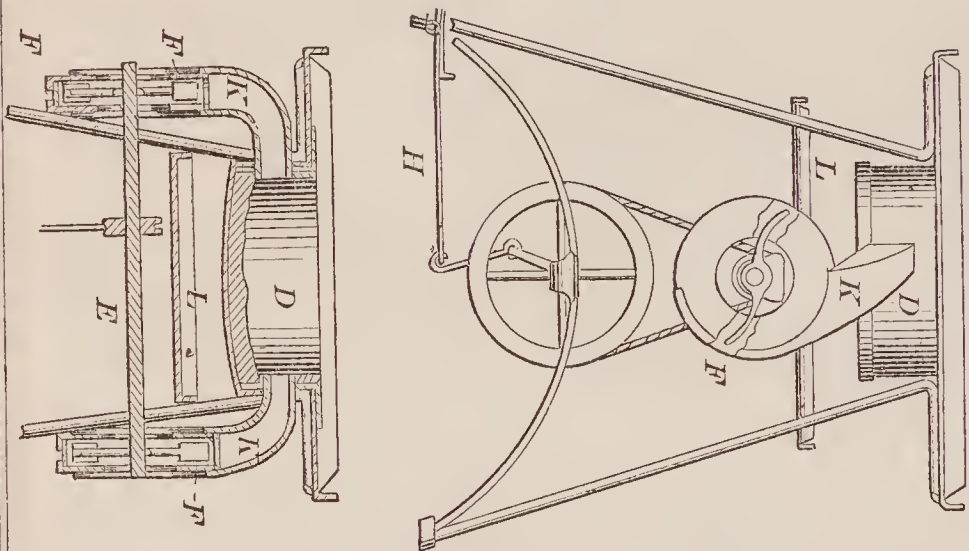
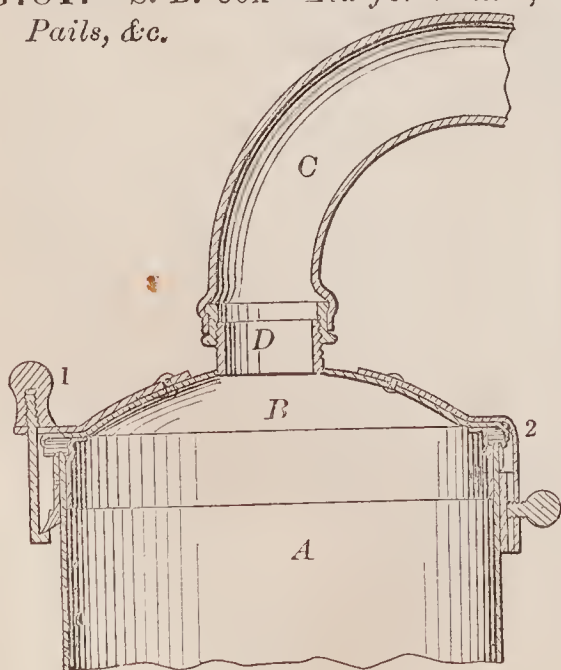
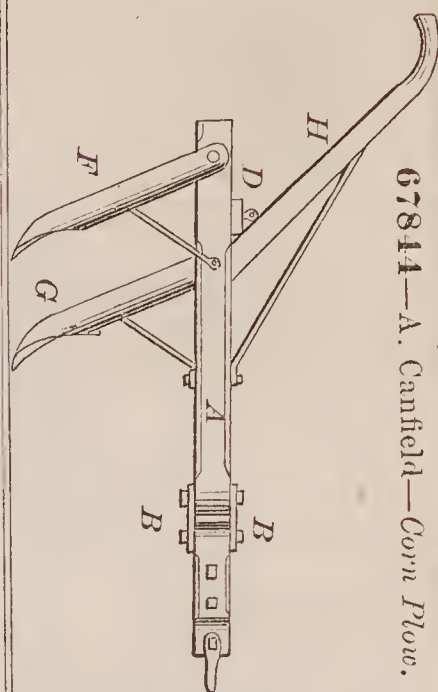
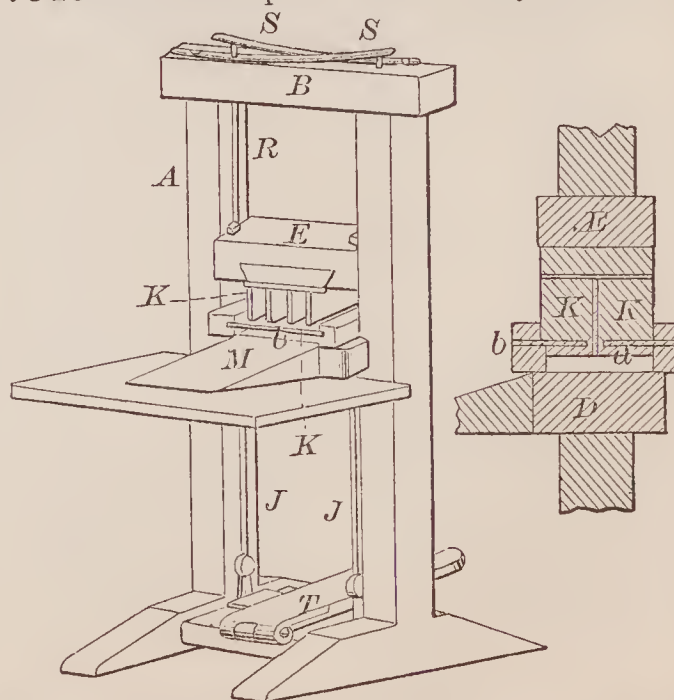
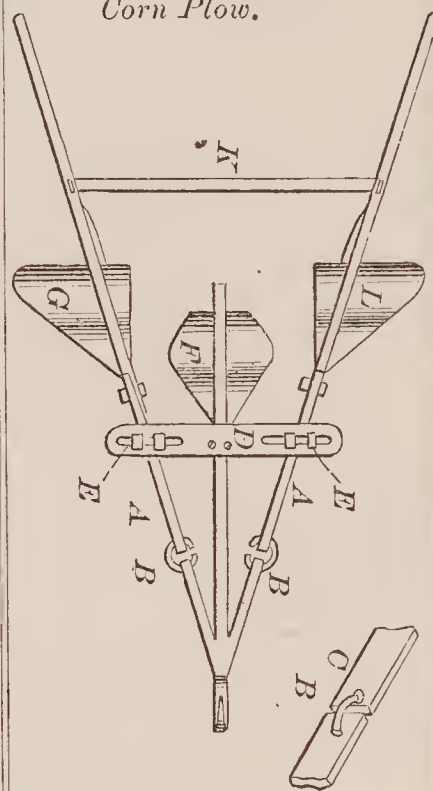


67838—J. Ast—*Sleigh Brake.*

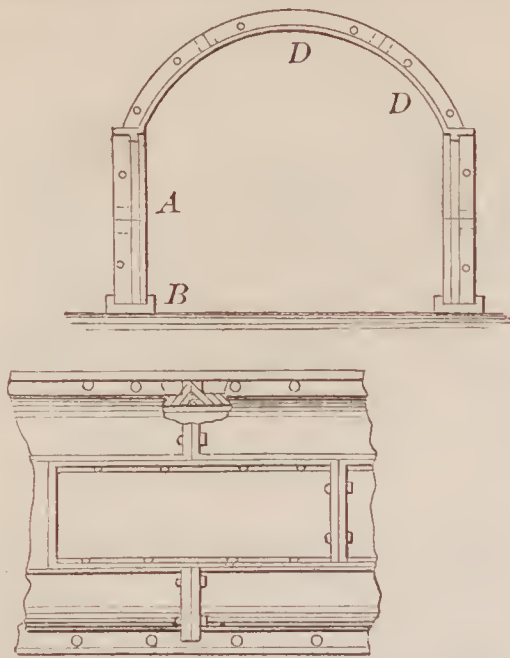


67841—L. Bauhoefer—*Muff.*

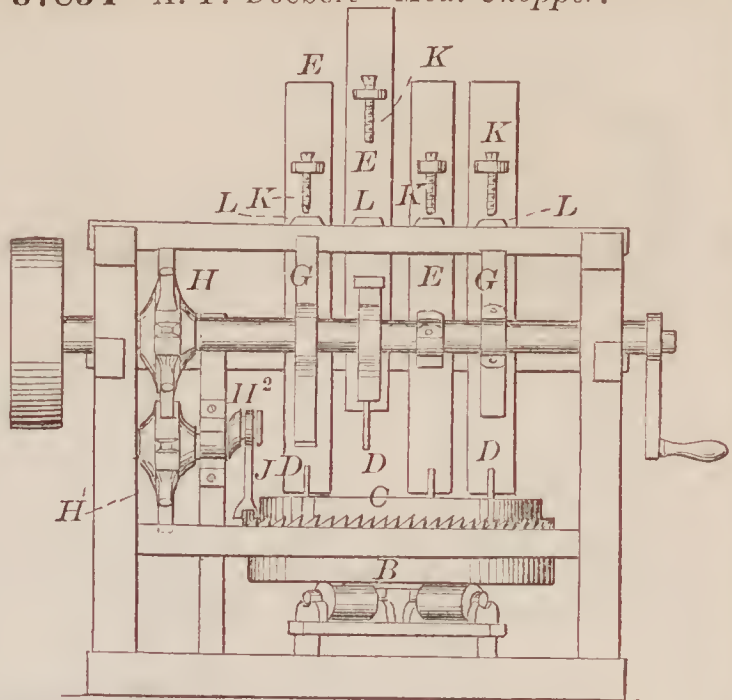


67842—J. B. Beers—*Amalgamating Precious Metals.*67846—J. M. Cayce—*Sporting Life Boat.*67845—J. M. Cayce—*Portable Forge.*67847—S. B. Cox—*Lid for Kettles, Pails, &c.*67848—D. Davenport—*Corn Candy Cutter.*67844—A. Canfield—*Corn Plow.*67843—A. Canfield—*Corn Plow.*

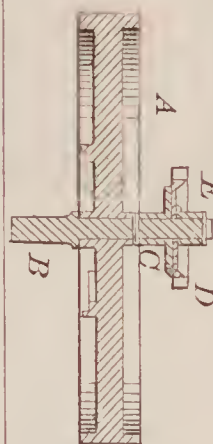
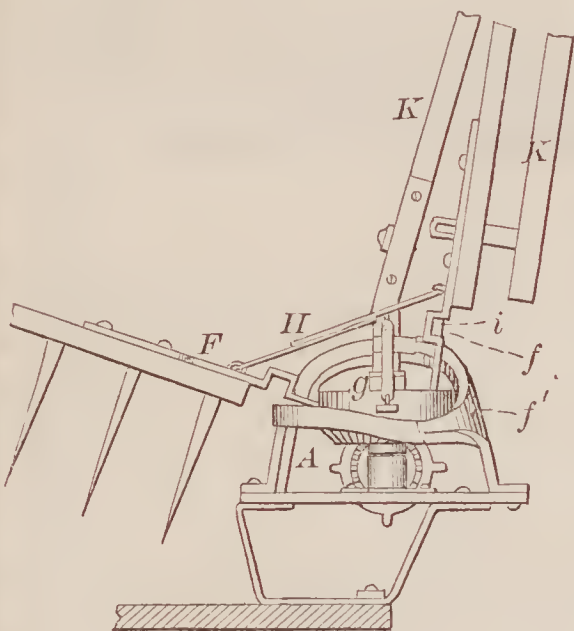
67849—J. Dixon—*Tunnel.*



67854—A. F. Doeberl—*Meat Chopper.*

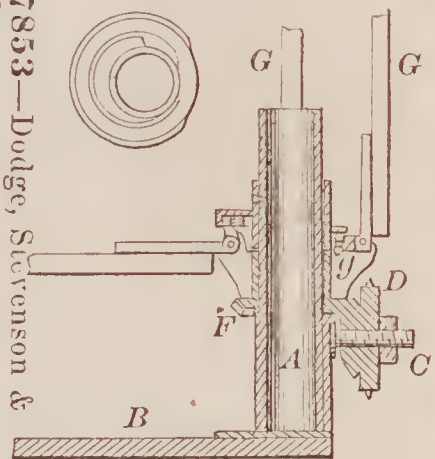


67850—J. A. Dodge—*Harvester Rake.*

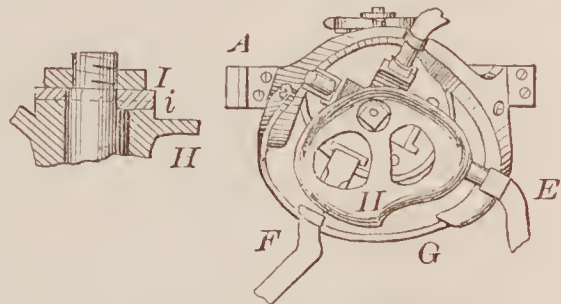


67852—J. A. Dodge—*Harvester*

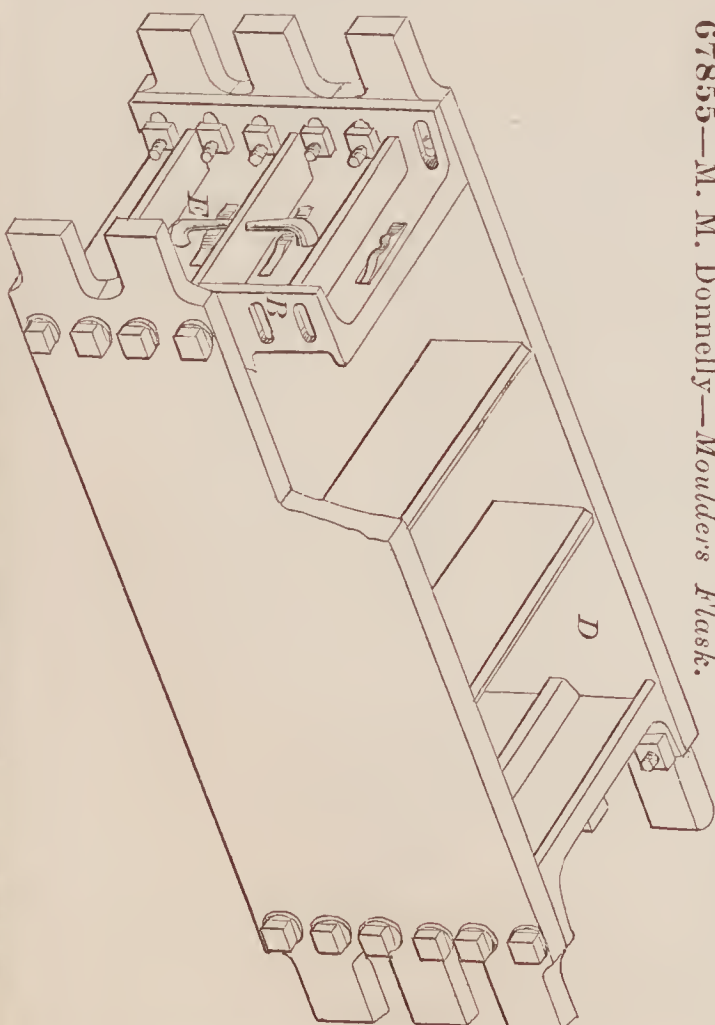
67853—Dodge, Stevenson & Stevenson—*Harvester Rake.*



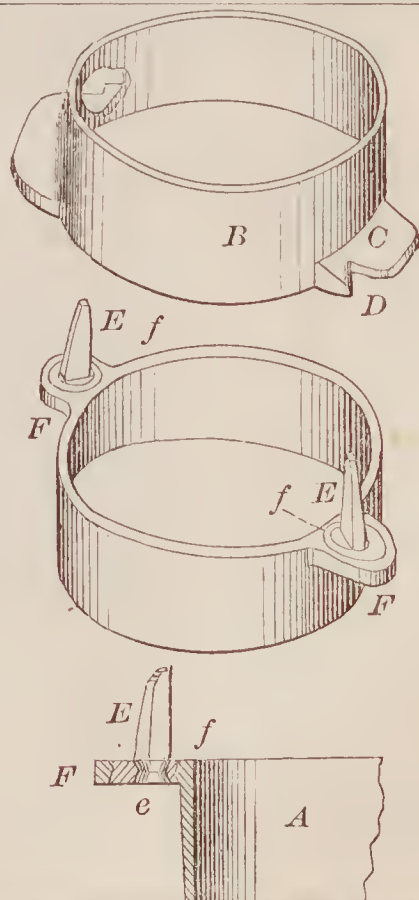
67851—J. A. Dodge—*Harvester Rake.*



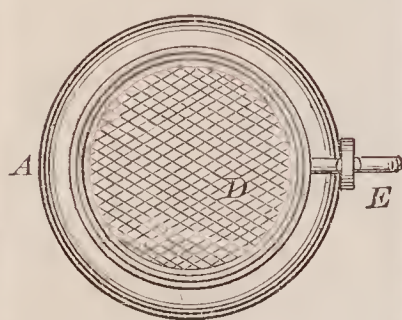
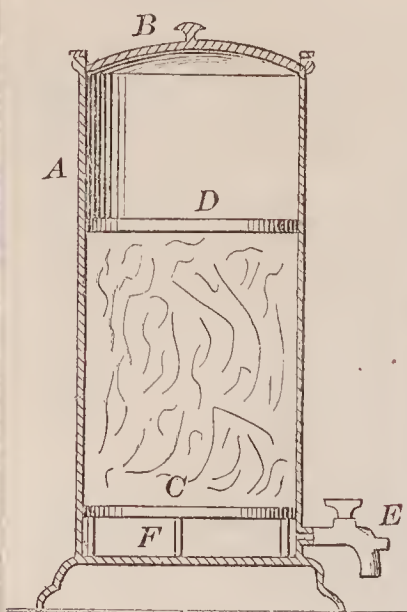
67855—M. M. Donnelly—*Moulder's Flask.*



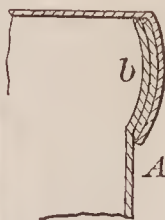
67856—M. M. Donnelly—*Moulder's Flask.*



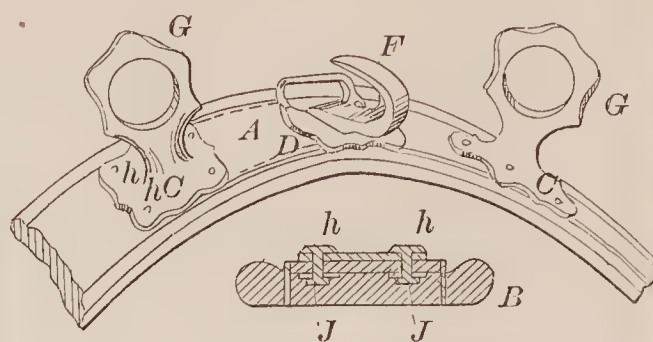
67858—F. Ernst—*Clothes Washer.*



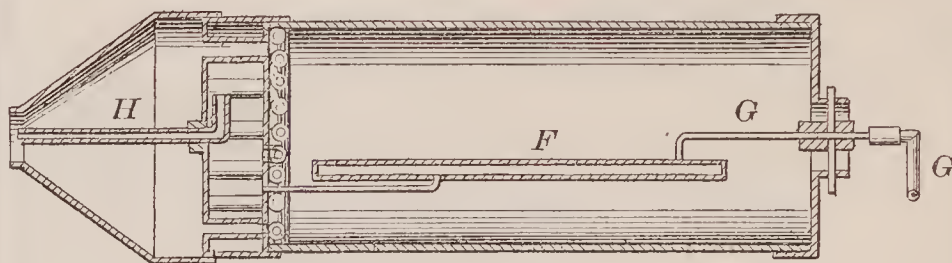
67859—H. Everett—*Metal Can for Putting up Alkali.*



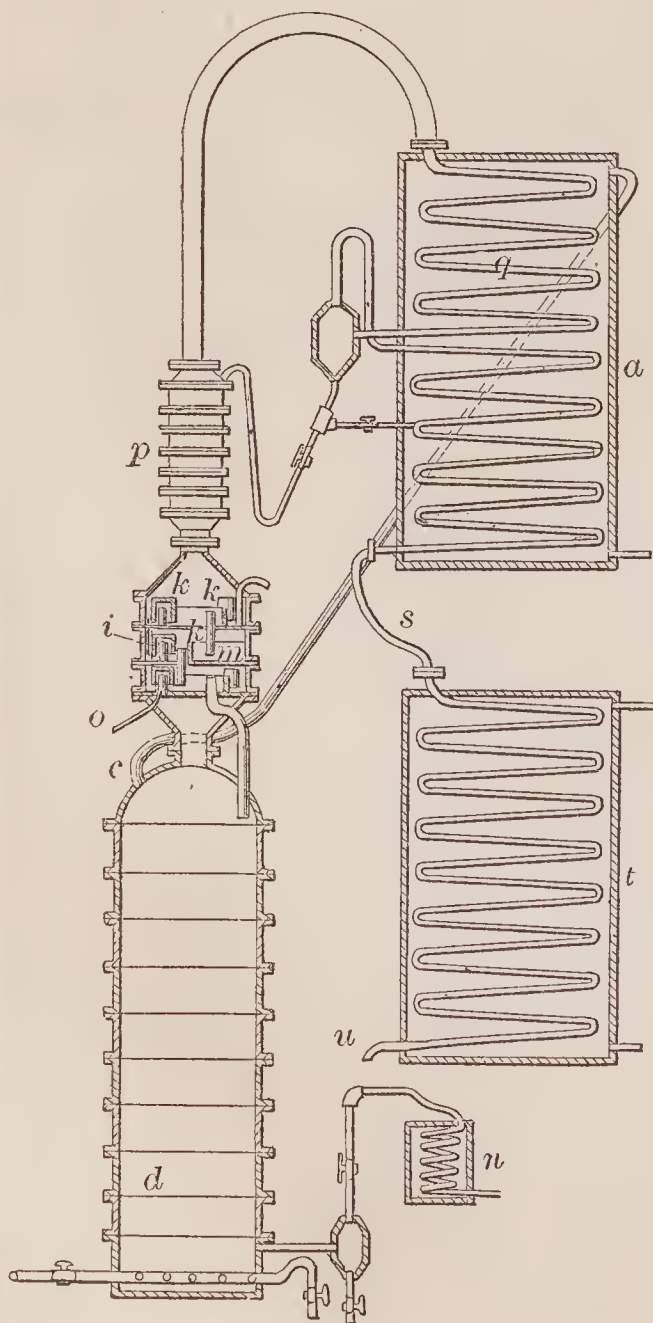
67861—W. R. Ferguson—*Hook and Terrett.*



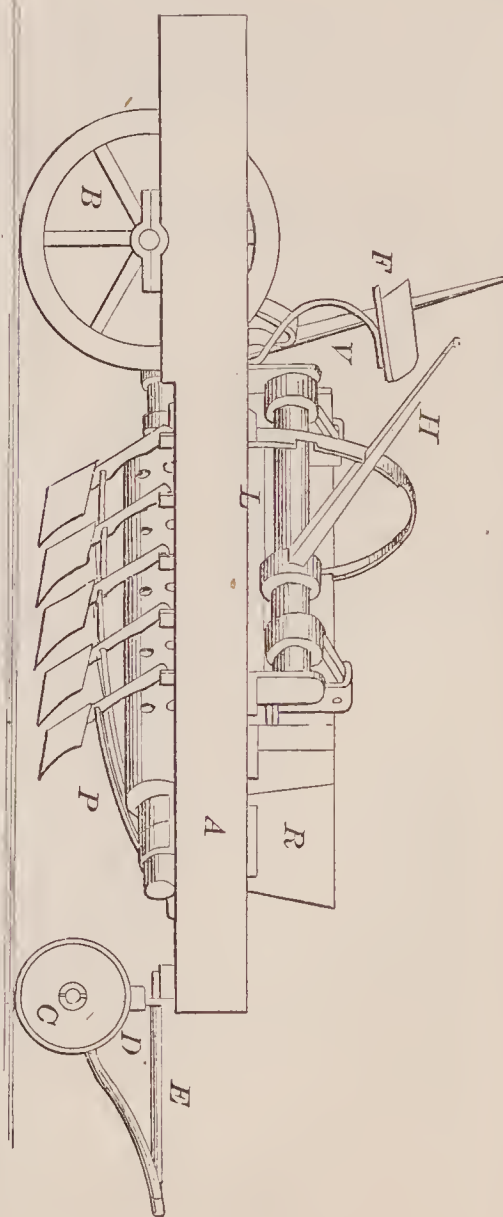
67862—G. B. Field—*Ore Roasting Furnace.*



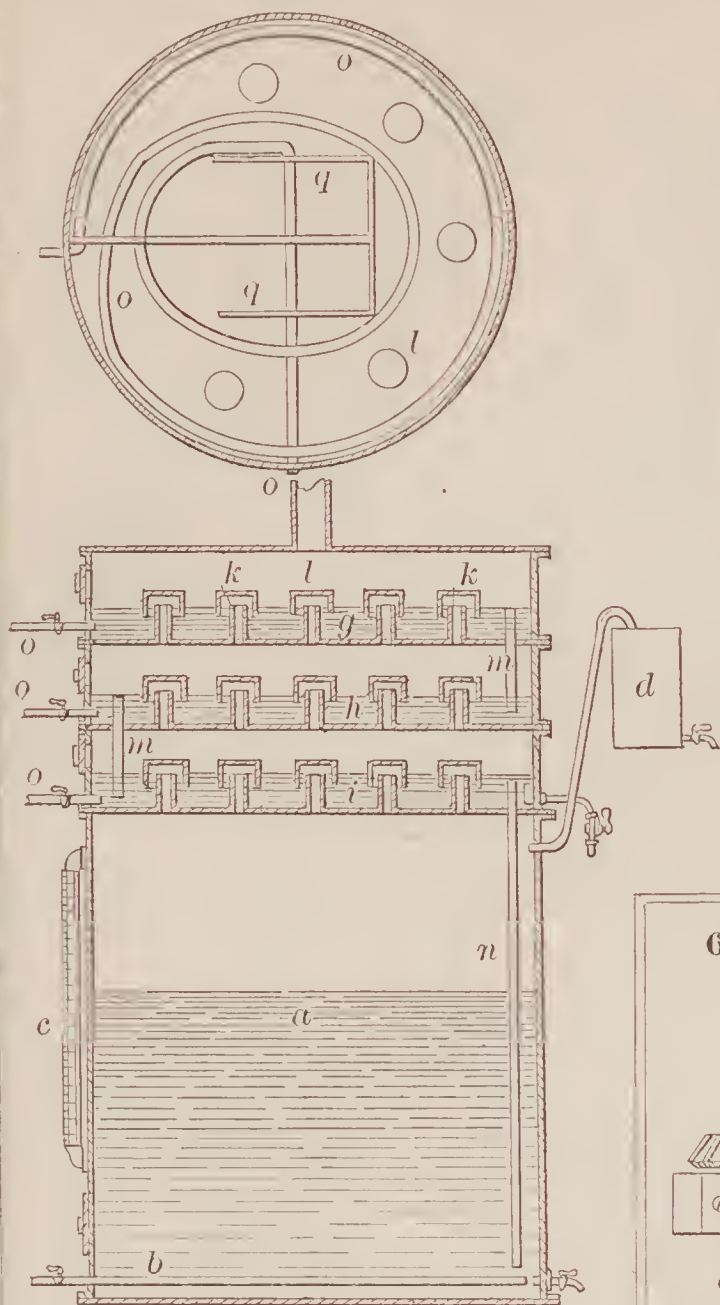
67863—A. Foubert—*For Distilling and Rectifying Spirits.*



67860—J. B. Ewell—*Seeding Cultivator.*



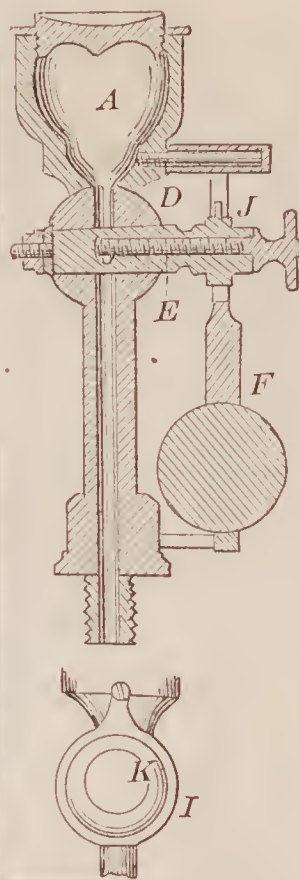
67864—A. Foubert—*For Distilling Spirits.*



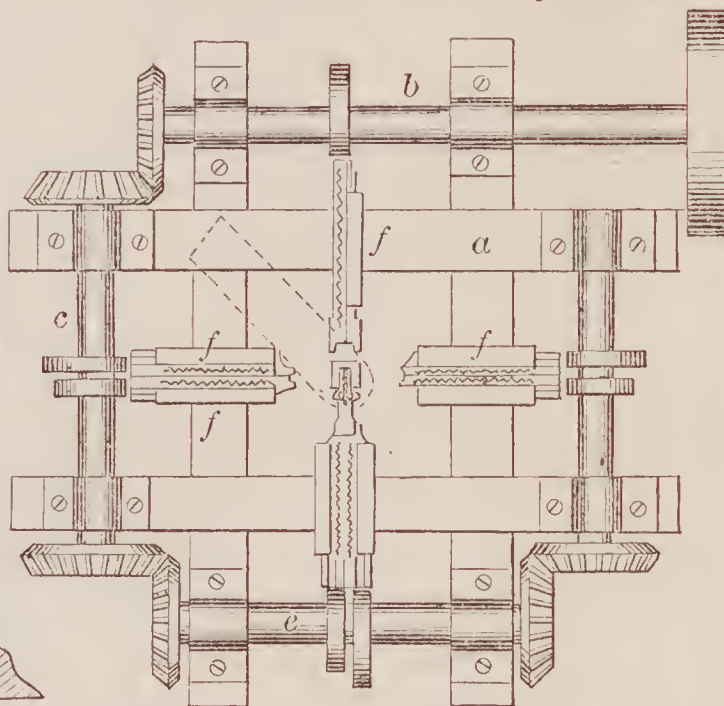
67866—J. French—*Boiler Gauge Cock.*



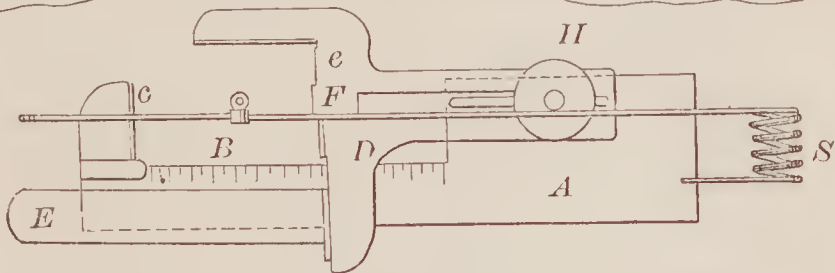
67867—F. H. Furniss—*Steam Engine Oil Cup.*



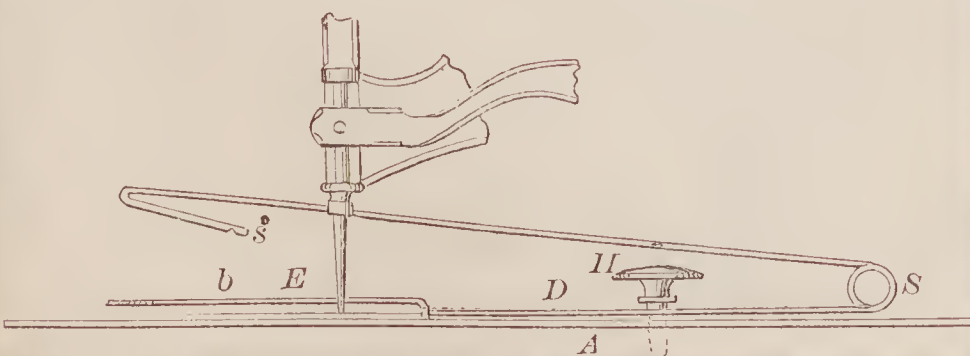
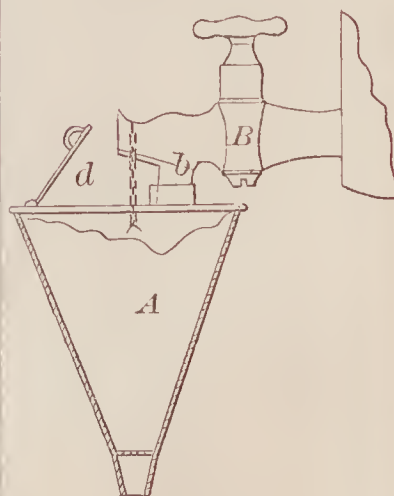
67865—M. Fowler—*For Making Buckles.*



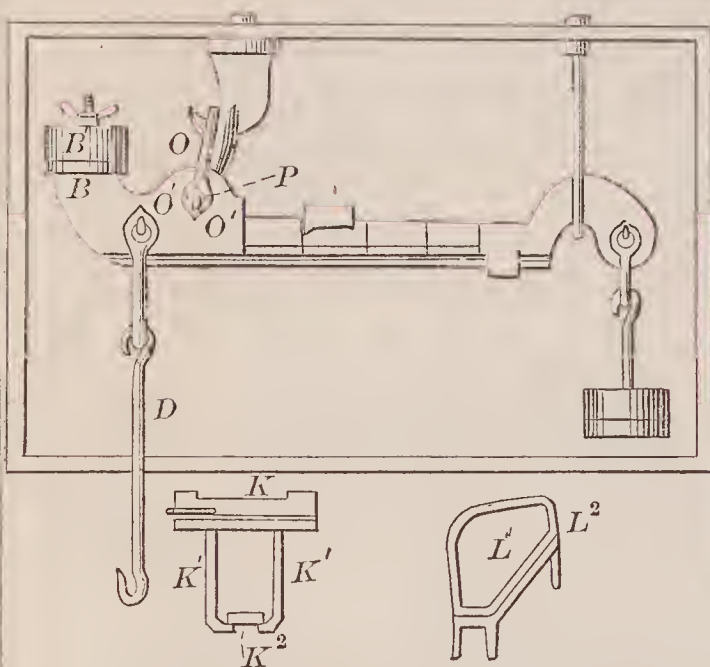
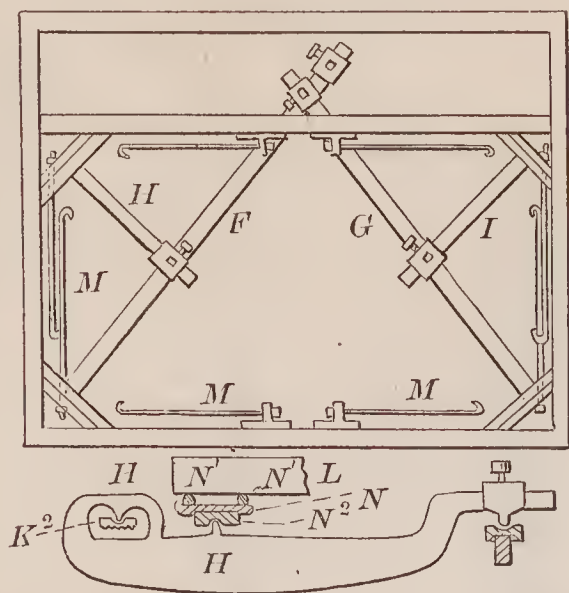
67870—H. C. Goodrich—*Tuck Marker for Sewing Machines.*



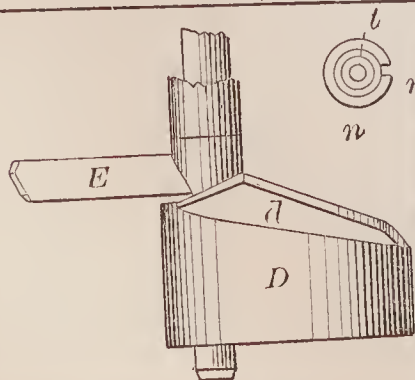
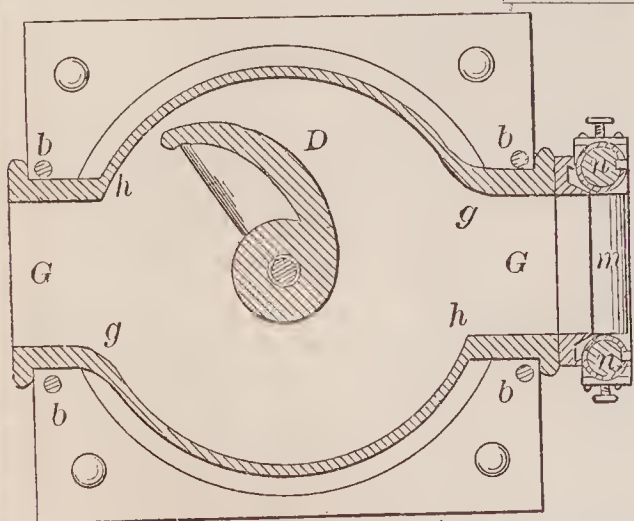
67869—J. Gatley—*Cooler for Liquors on Draught.*



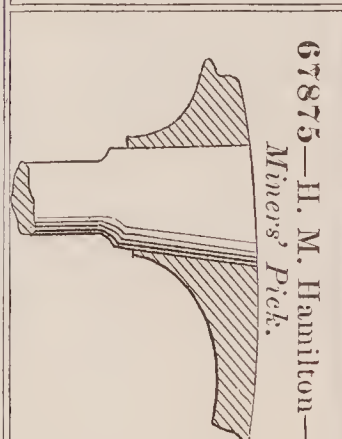
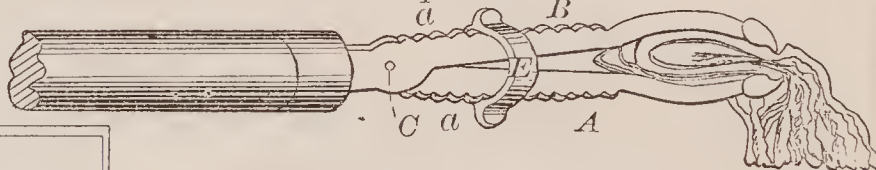
67871—W. P. Goolman—Platform Scale.



67879—W. G. Hyndman—Brick Machine.

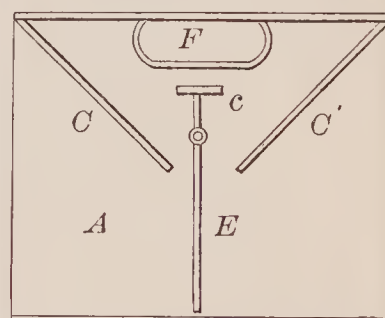


67873—H. M. Guild—Mop Head.

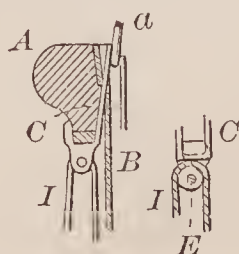


67875—H. M. Hamilton—Miners' Pick.

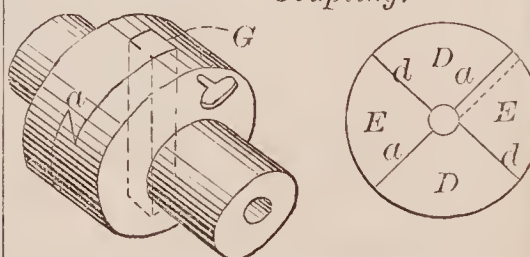
67877—R. Hitchcock—Car Ventilator.



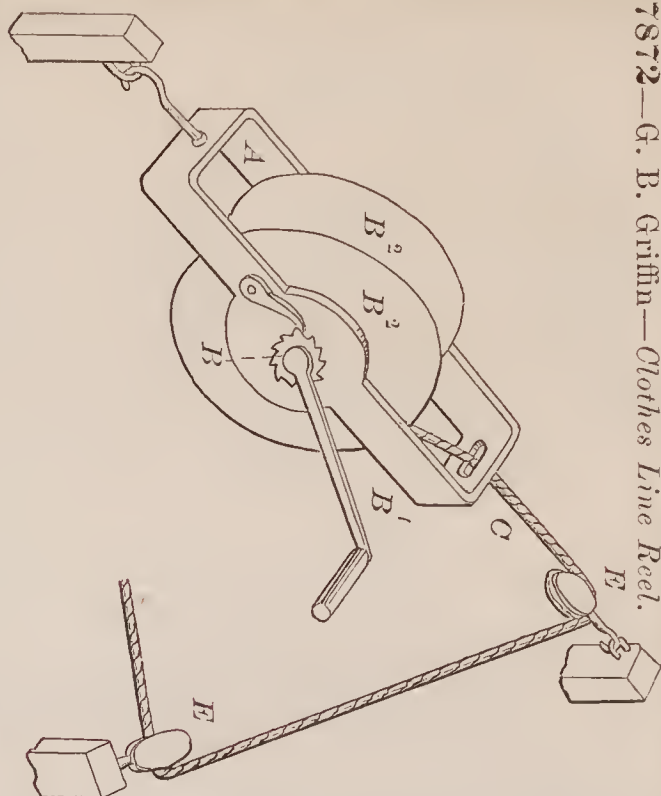
67876—C. F. Herrick—Curtain Fixture.



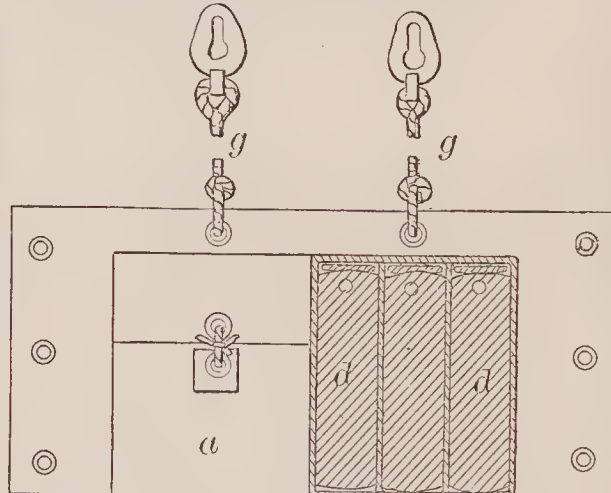
67878—H. A. Hurd—Shaft Coupling.



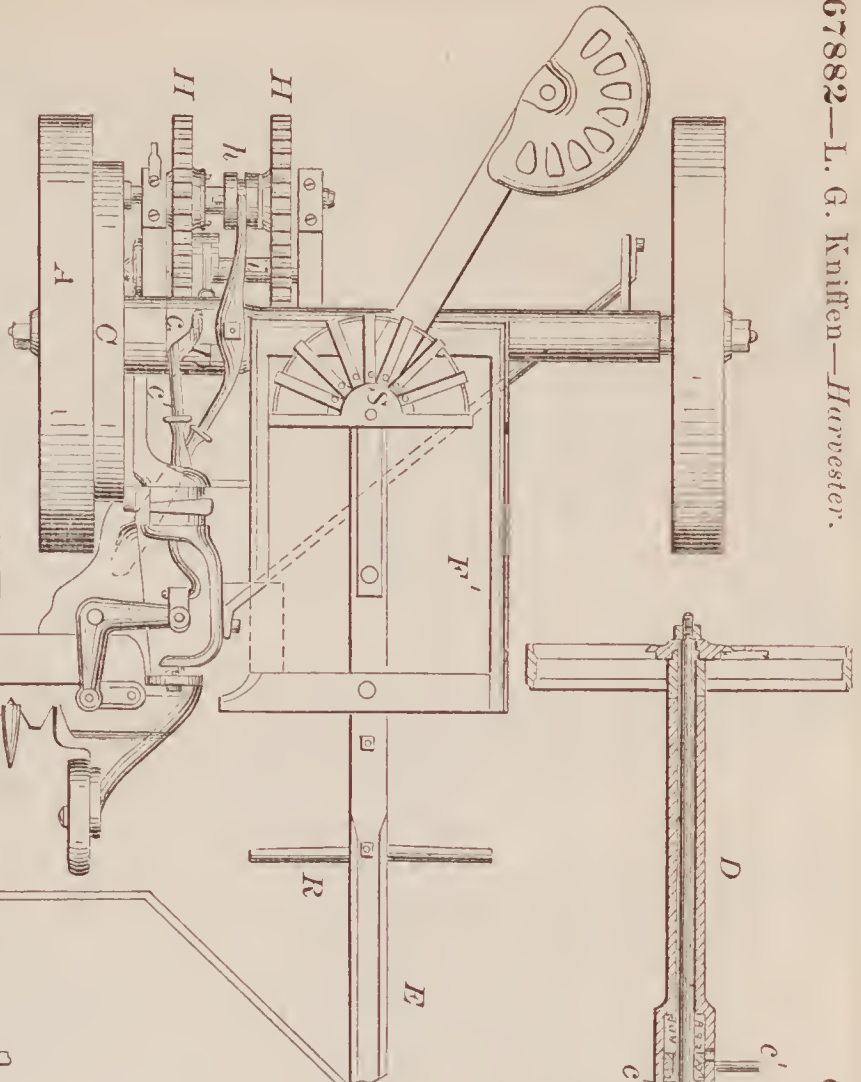
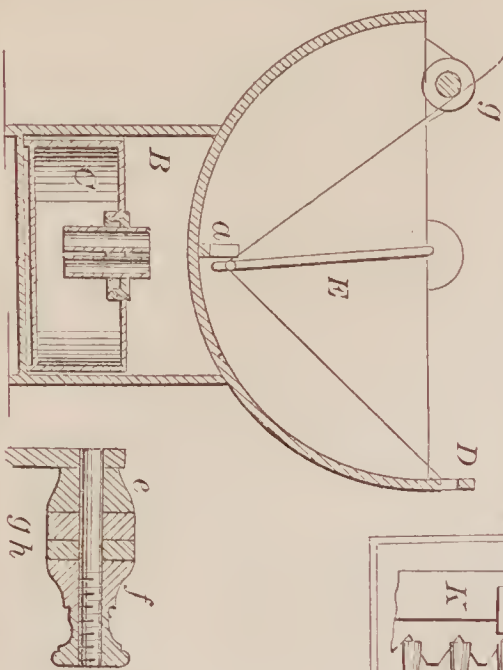
67872—G. B. Griffin—Clothes Line Reel.



67874—D. Hale—For Attaching Weights to Submarine Armor.

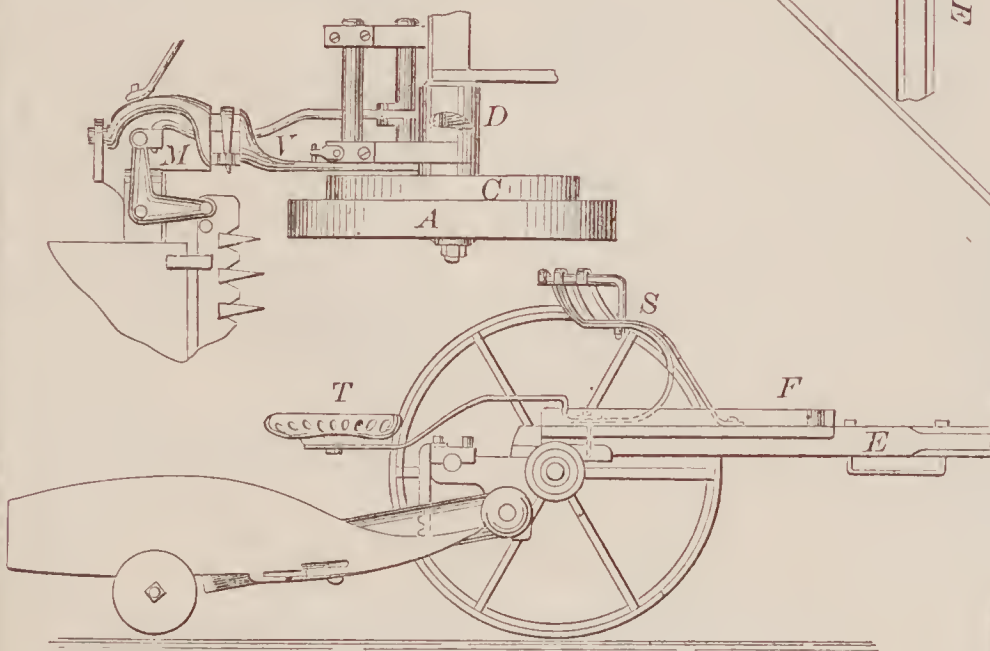


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Waxer for Sewing Machines.

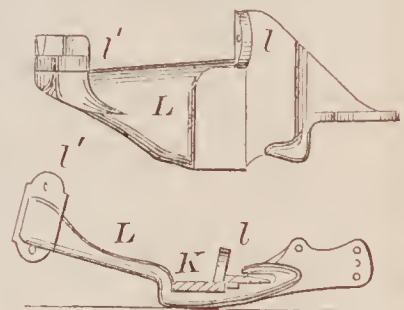


67882—L. G. Kniffen—Harvester.

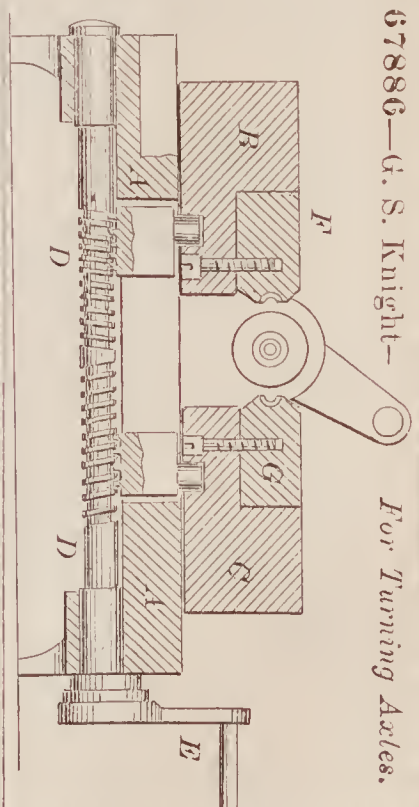
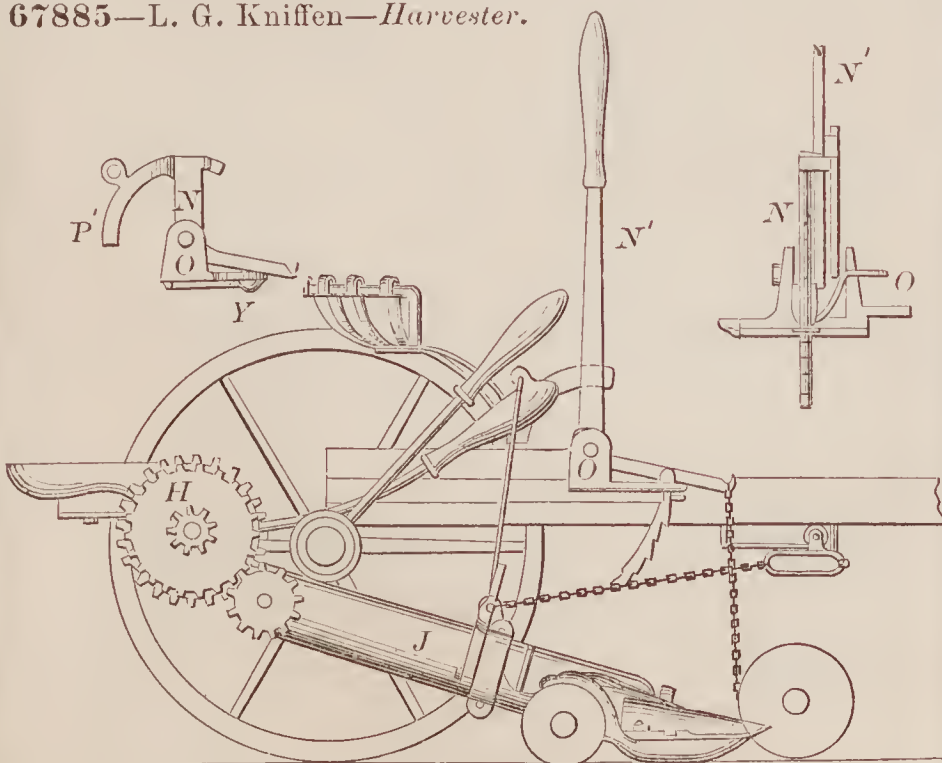
67884—L. G. Kniffen—Harvester



67883—L. G. Kniffen—
Harvester.

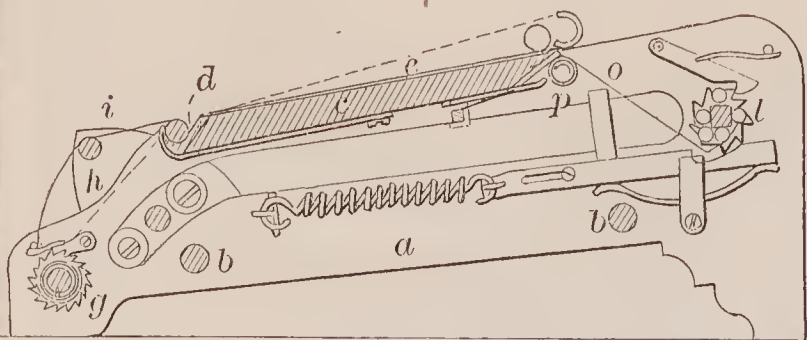


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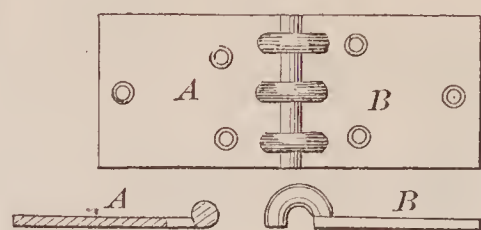


67886—G. S. Knight—
For Turning Axles.

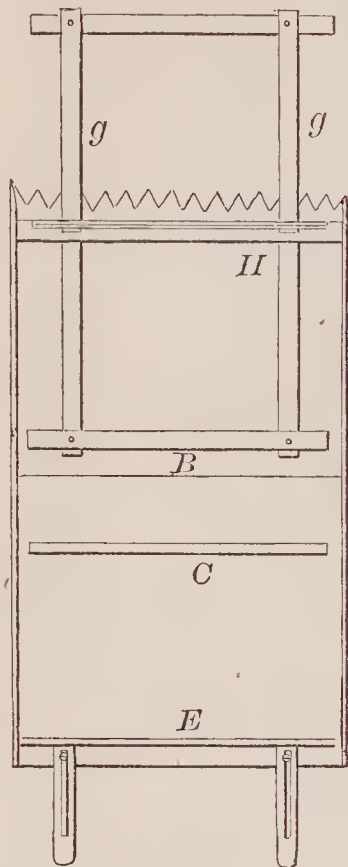
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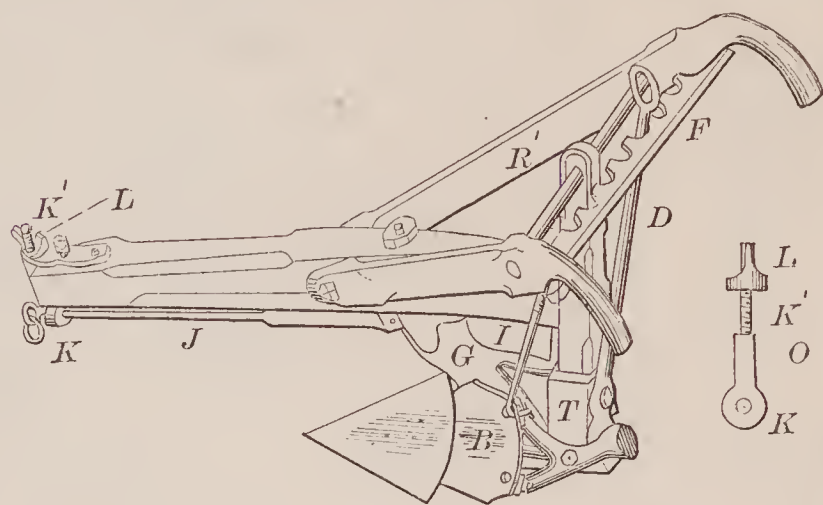
67889—G. W. Lane—*Hinge.*



67888—I. Lancaster—*Harvester Rake.*



67890—W. E. Levoy—*Plow.*



67891—Luther & Marsh—*Window Blind Fastening.*

Fig. 1

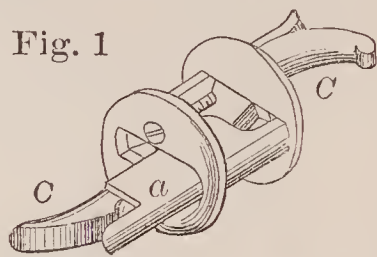


Fig. 3

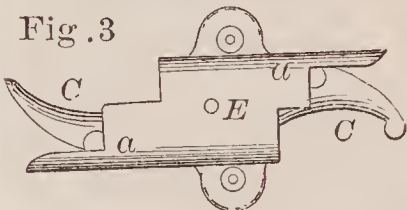
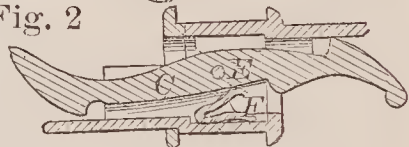
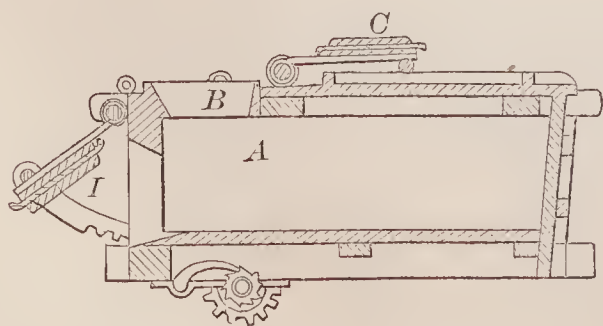


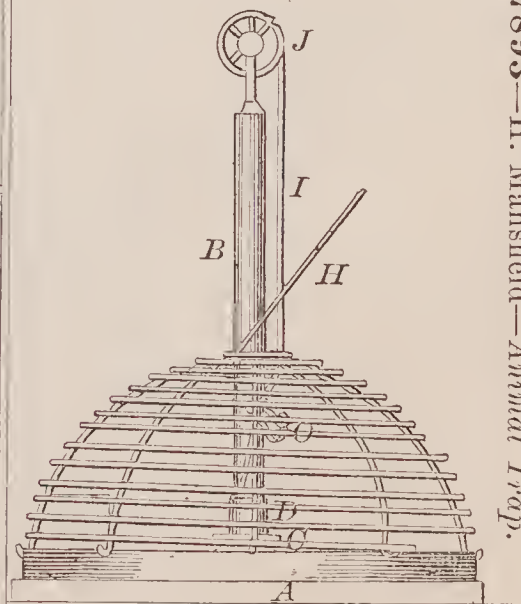
Fig. 2



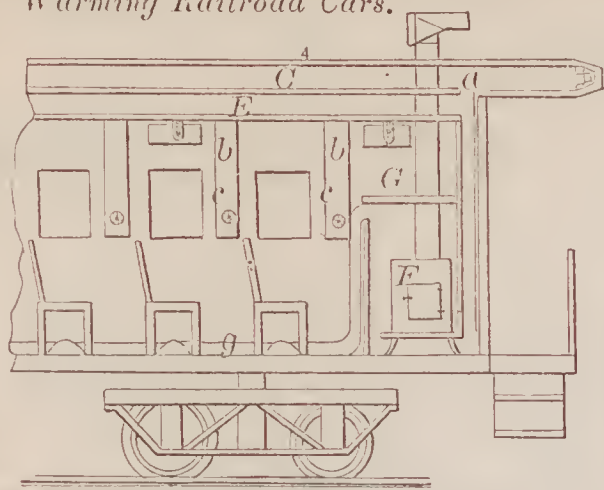
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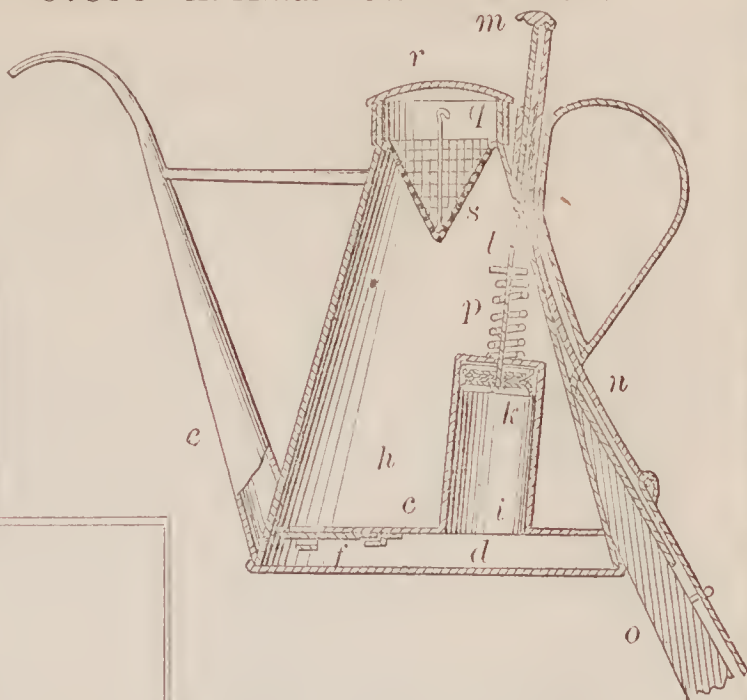
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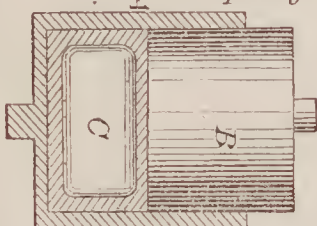
67894—A. J. Marshall—*Ventilating and Warming Railroad Cars.*



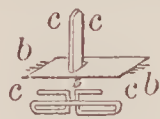
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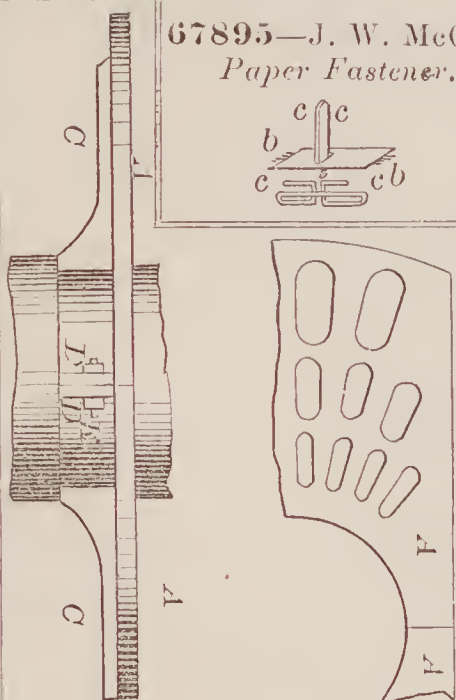
67897—J. S. Miller—*Car Spring.*



67895—J. W. McGill—*Paper Fastener.*



67900—O. B. Olmsted—*Adjustable Store Pipe Shelf.*



67902—W. Pettingill—*Fence.*

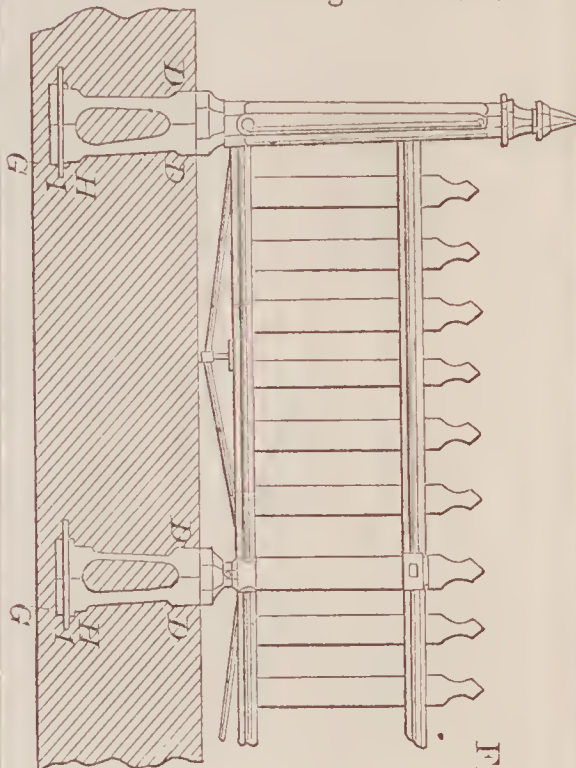


Fig. 3

67899—W. A. Morse—*Pen Holder and Eraser.*

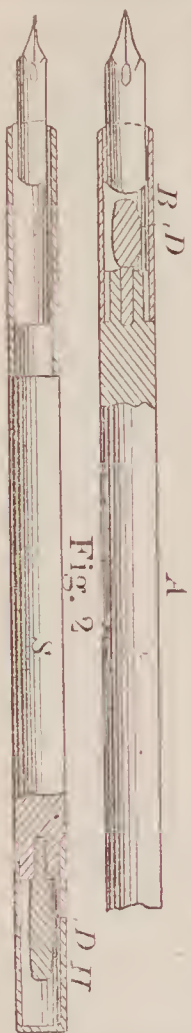


Fig. 2

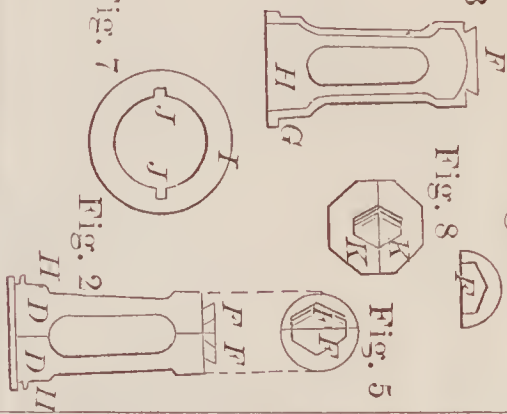
Fig. 6

Fig. 8

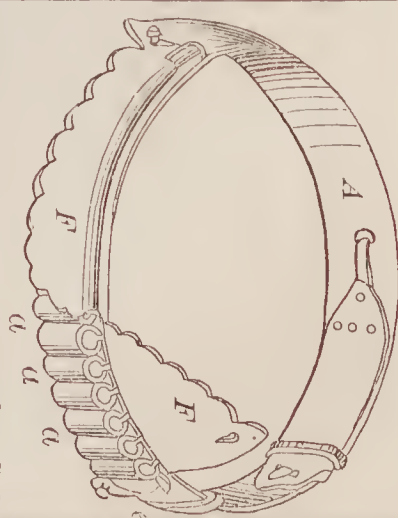
Fig. 5

Fig. 7

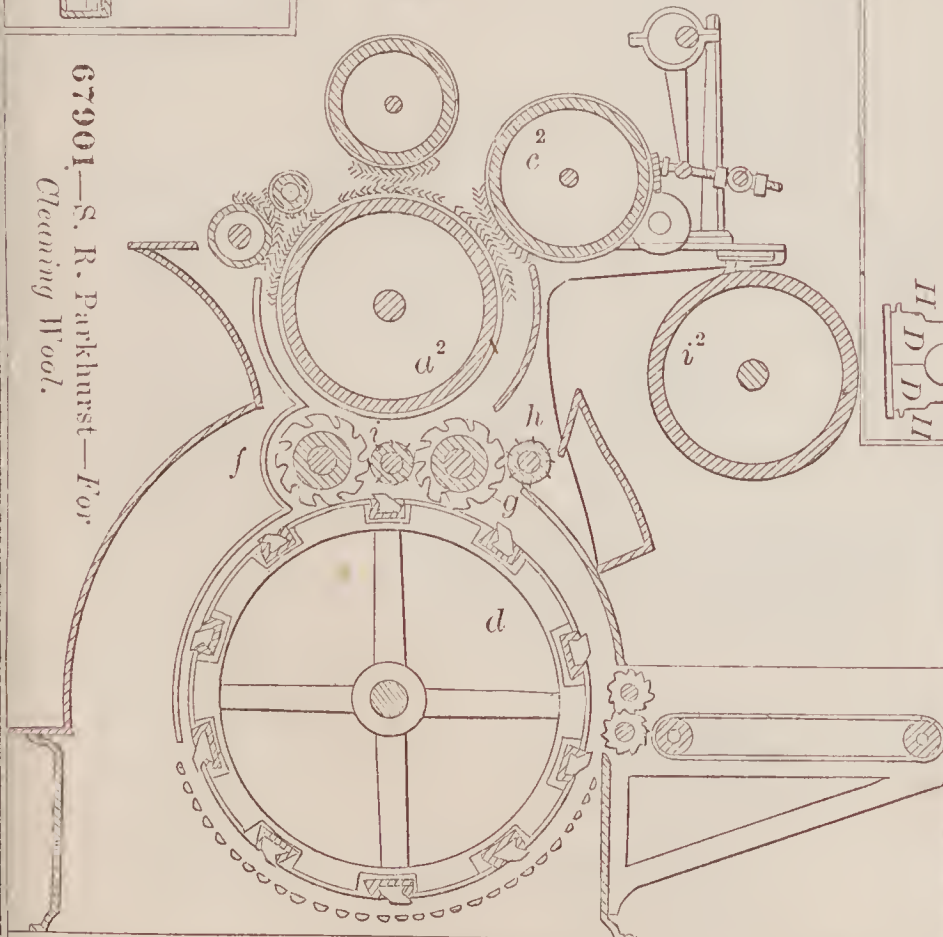
Fig. 2



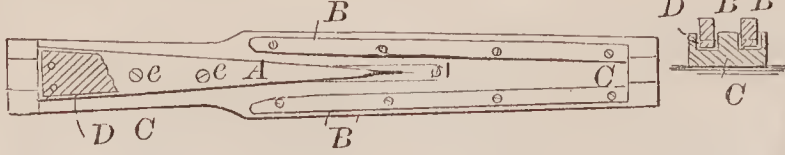
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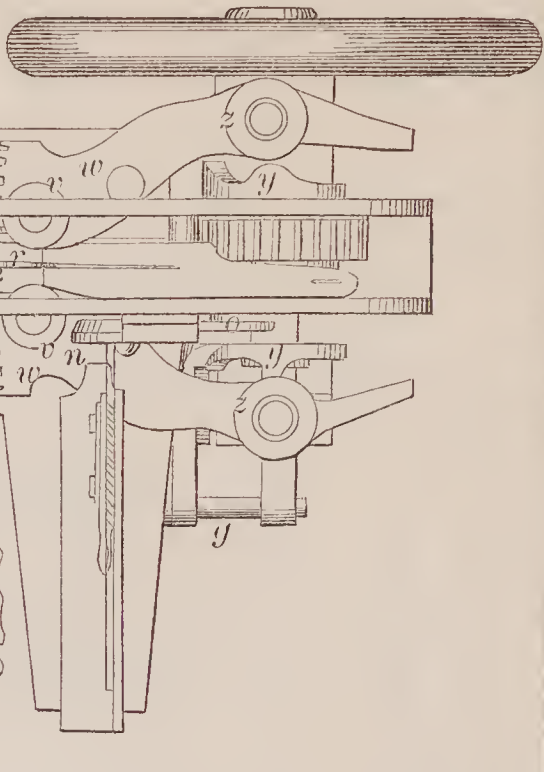
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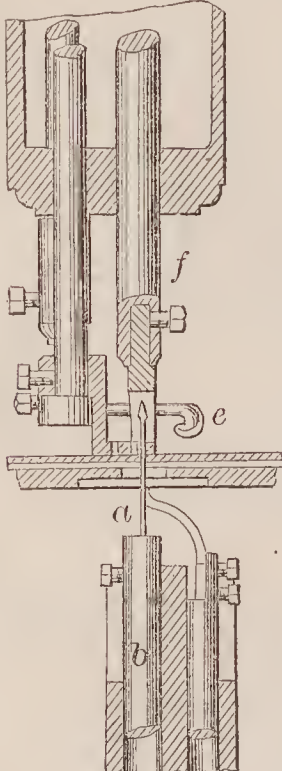
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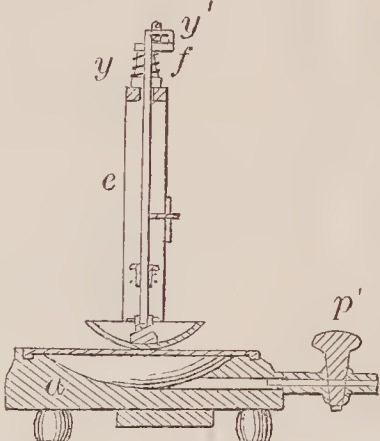
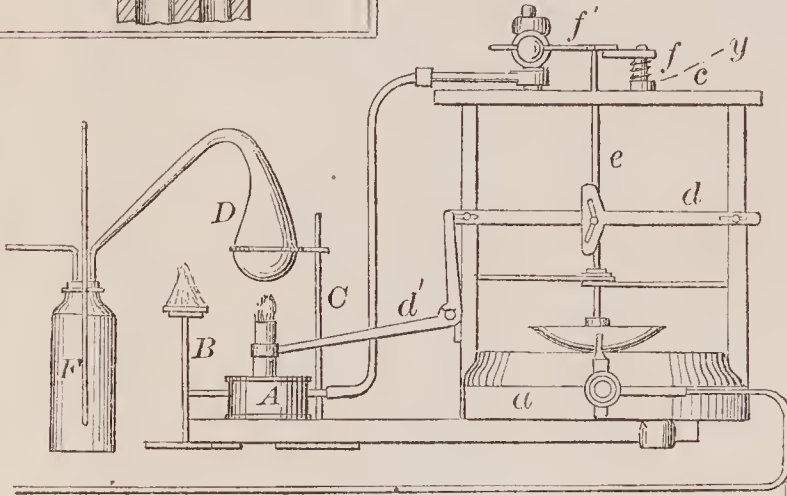
67910—A. J. Roberts—*Manufacture of Horse Shoes.*



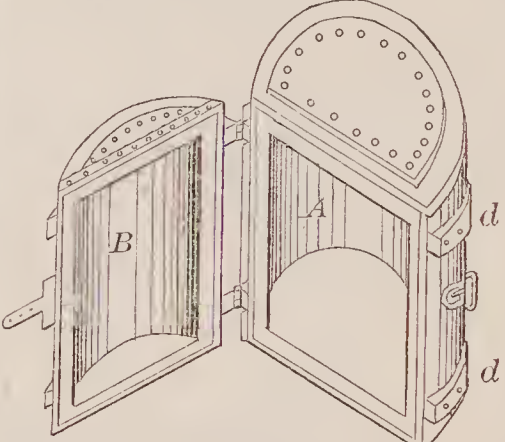
67906—T. K. Reed—*Sewing Machine.*



67907—M. B. Renslow—*For Making Nitrous Oxide, &c.*



67905—L. Ransom—*Traveling Trunk.*



67908—W. W. Reynolds—*Platform Scale.*

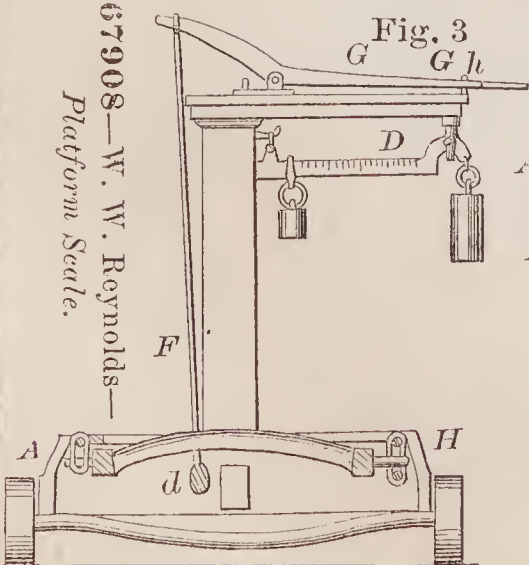
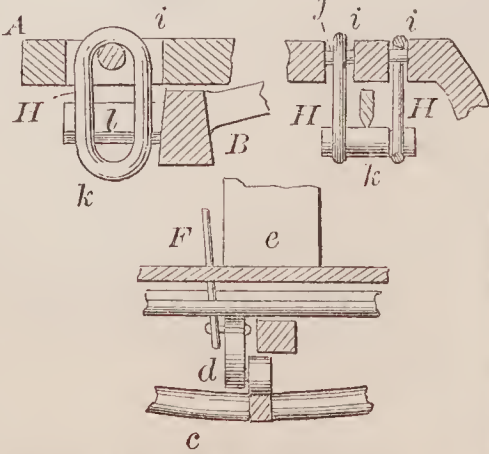
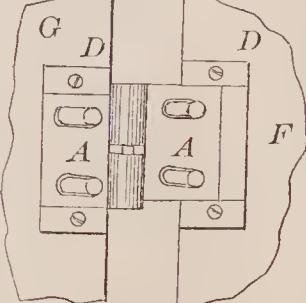


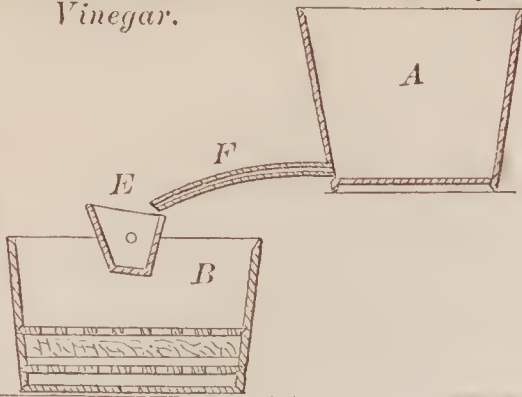
Fig. 4



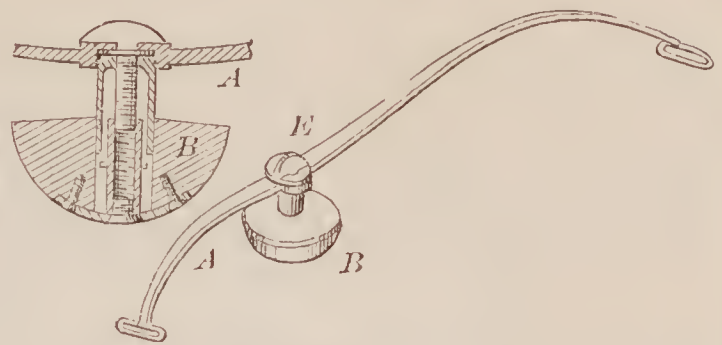
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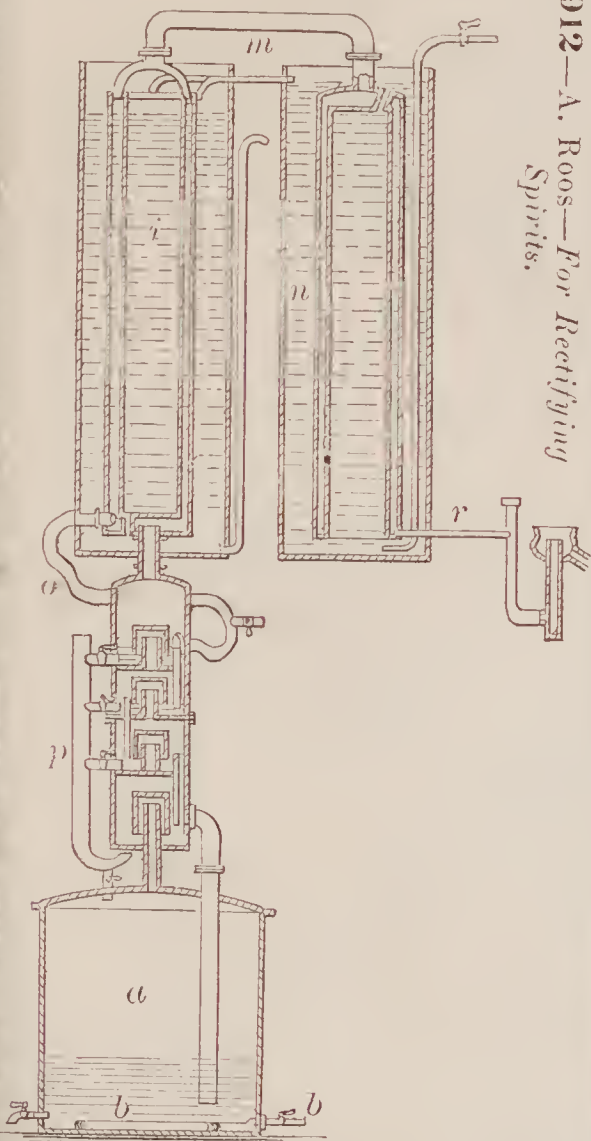
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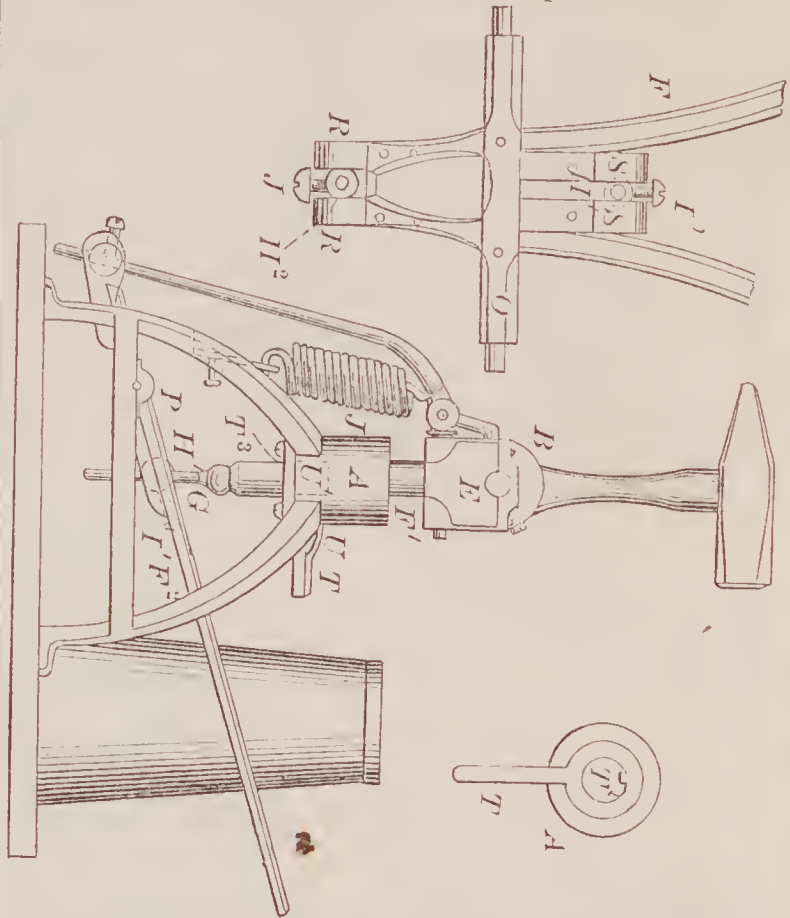
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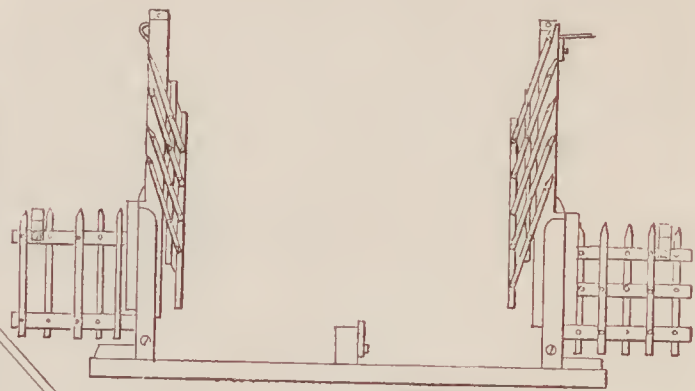
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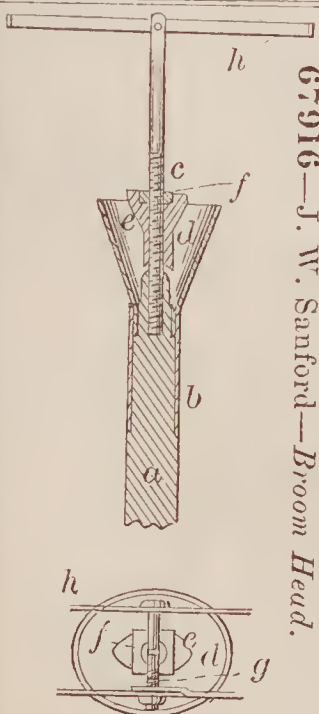
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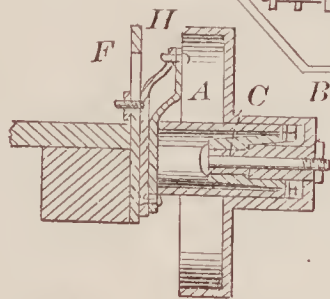
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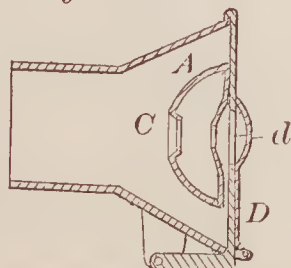
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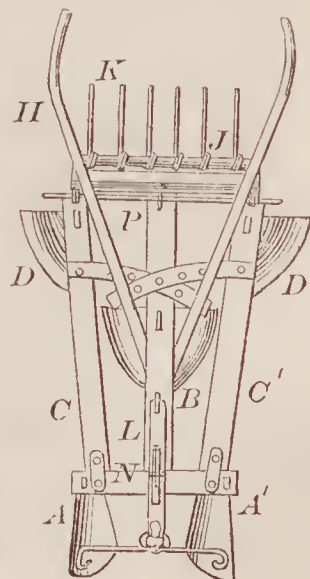
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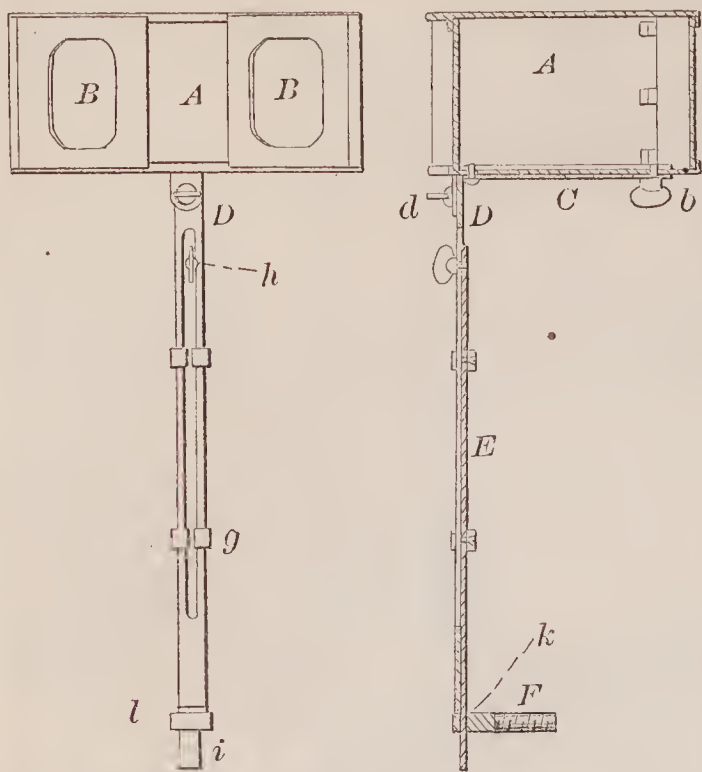
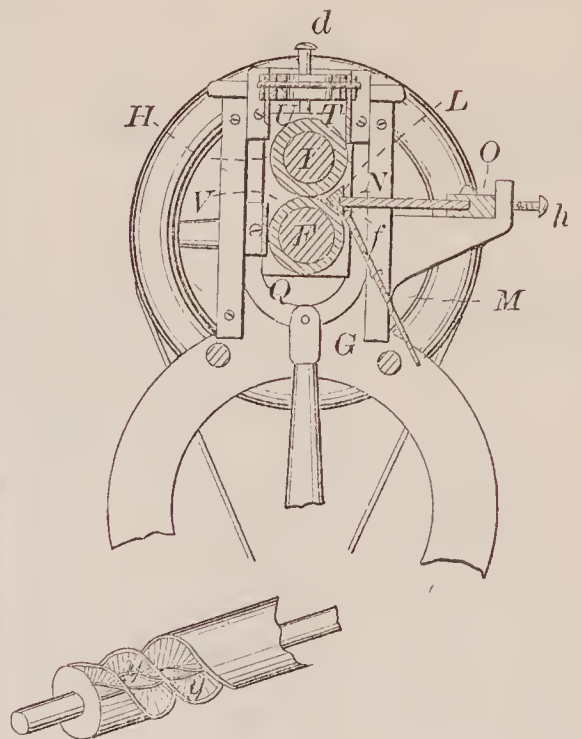
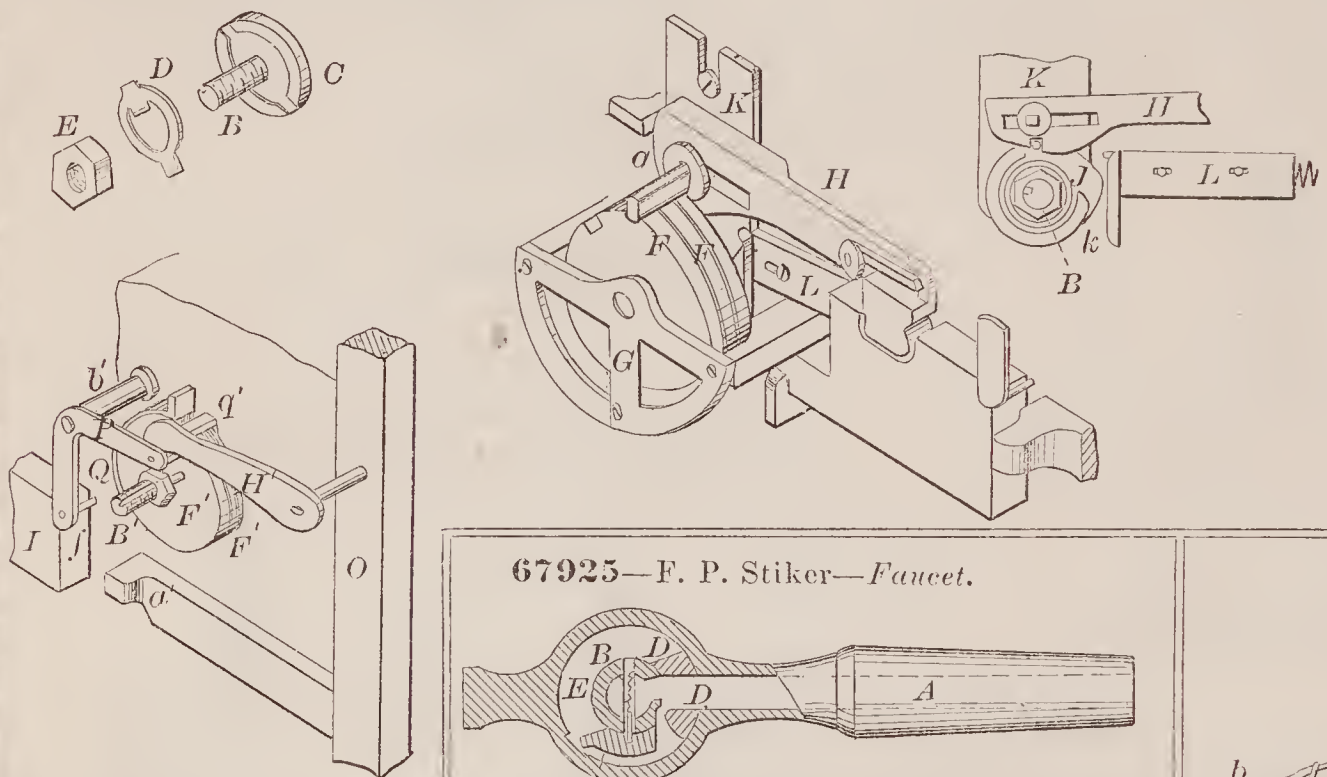
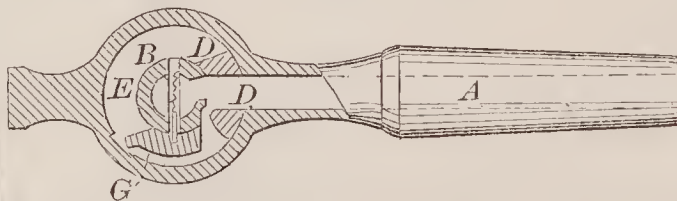
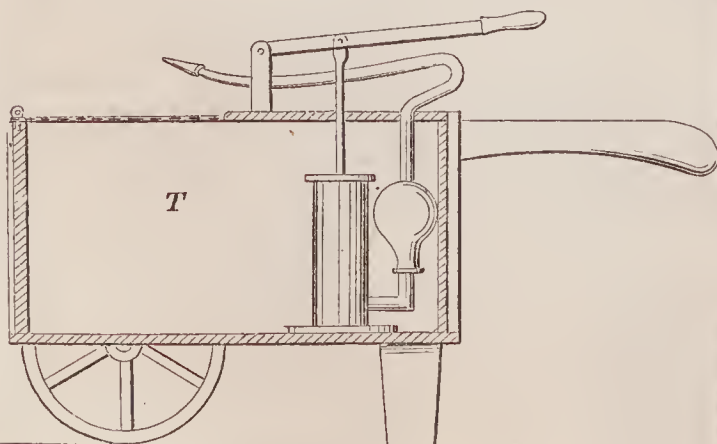
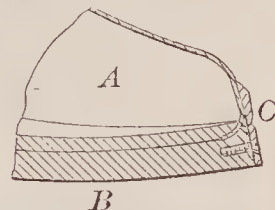
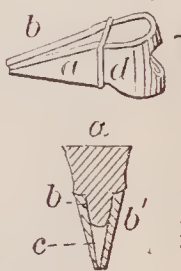
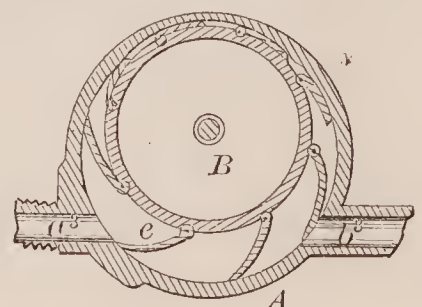


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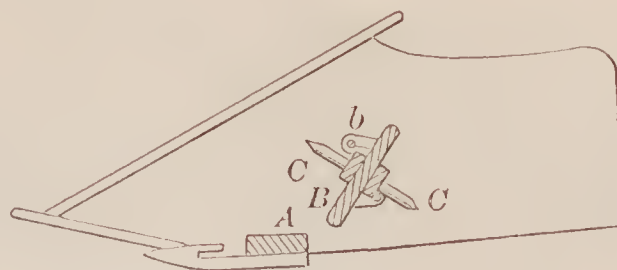
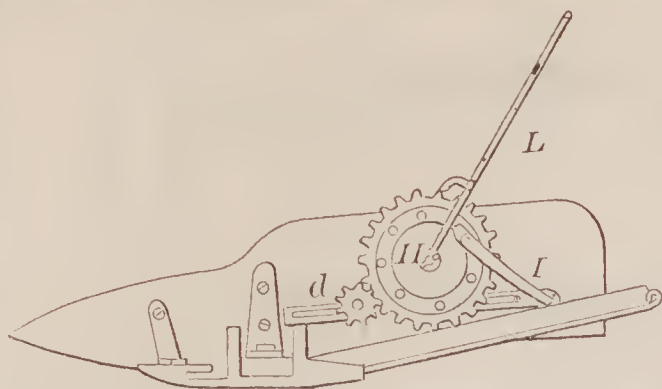


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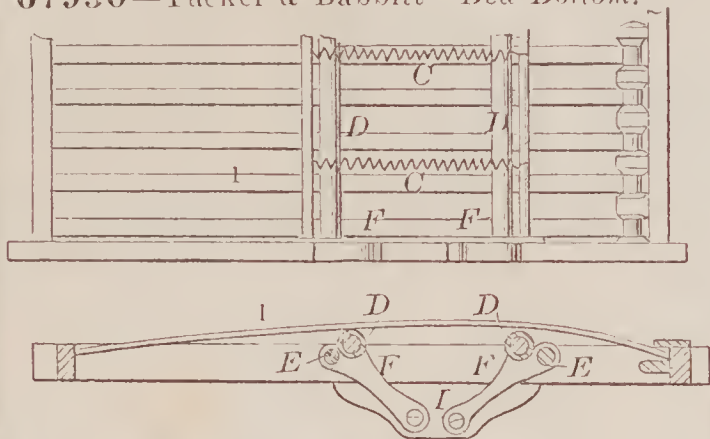


67919—C. G. Smith—*Reflector for Windows.***67923**—Spofford & Hersey—*Cotton Gin.***67927**—T. J. Sullivan—*Permutation Lock.***67925**—F. P. Stiker—*Faucet.***67924**—R. T. Sprague—*Liquoring Sugar in Centrifugal Machines.***67920**—B. F. Sparrow—*Metallic Tip.***67922**—E. Spencer—*Pencil Sharpener.***67928**—J. D. Summer—*Water Meter.*

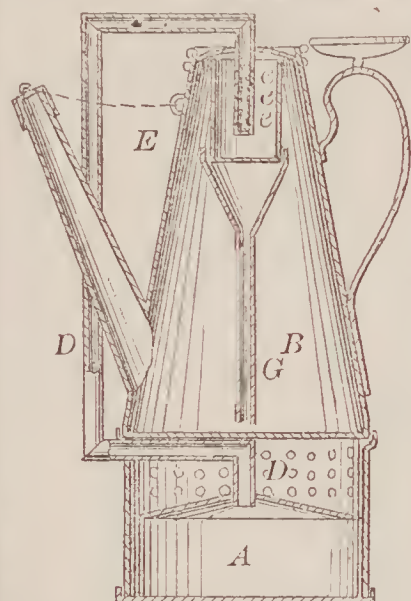
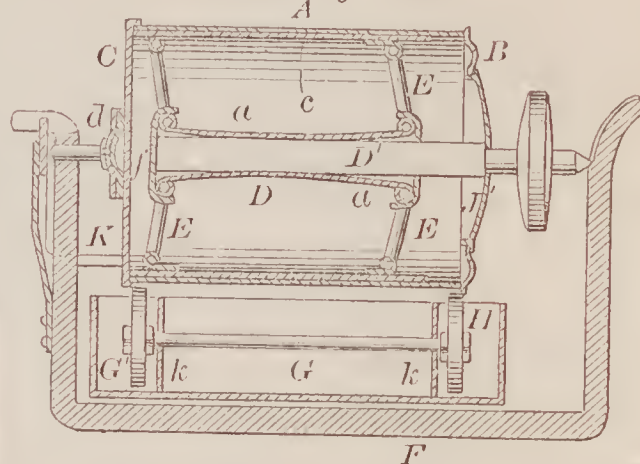
67929—D. M. Swartz—*Dumping Platform for Harvesters.*



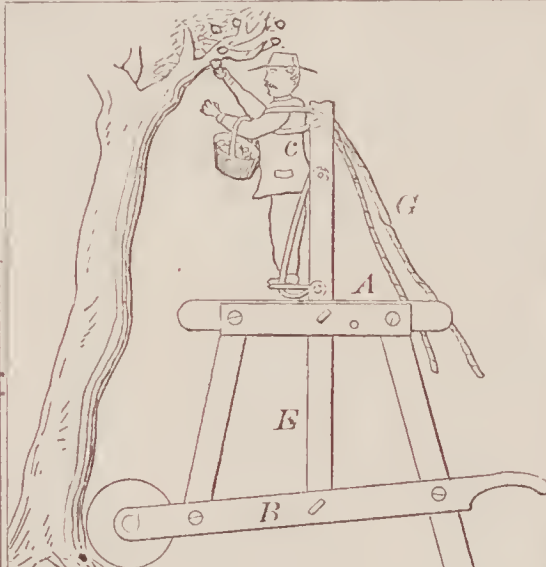
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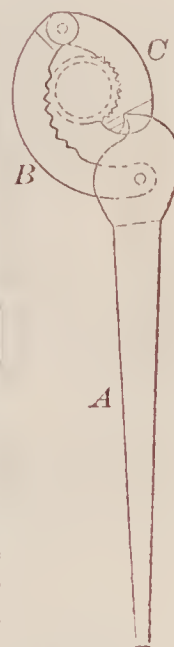
67931—Underwood & Johnson—*For Soldering Cans.*



67932—J. C. Walker—*Coffee Pot.*

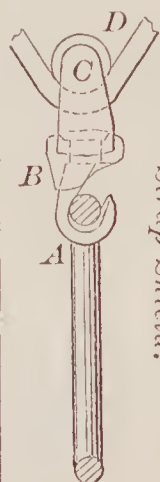
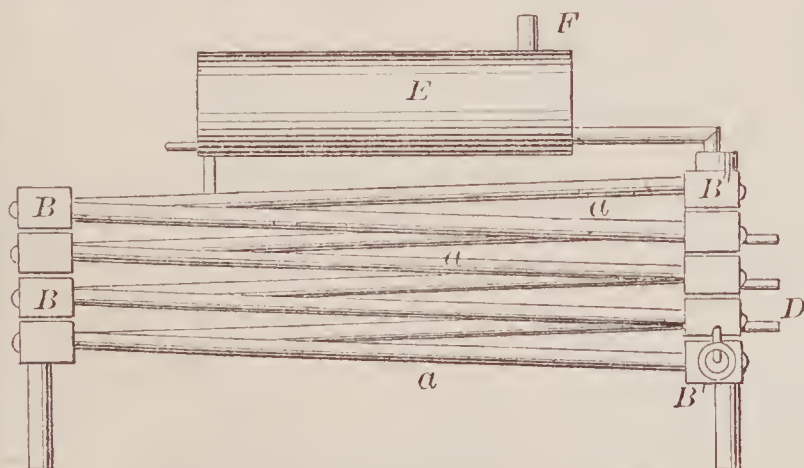


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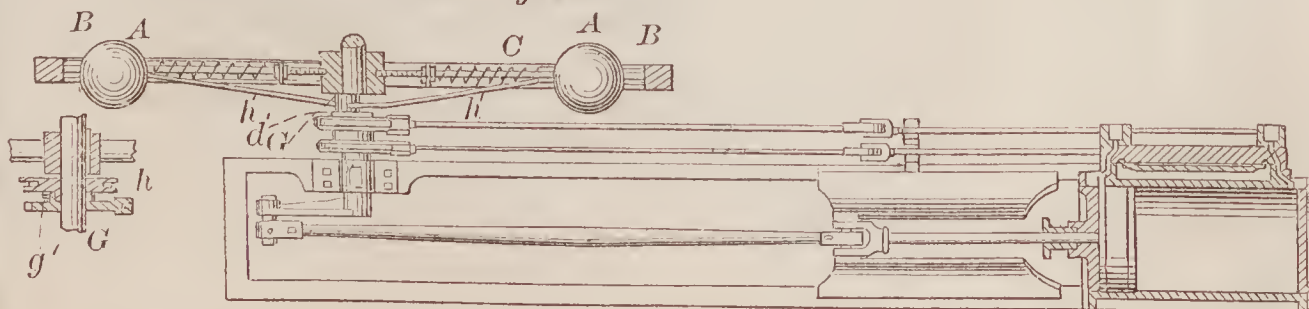
67937—W. C. Abbe—*Pipe Wrench.*

67935—C. O. Winegar—*Steam Generator.*

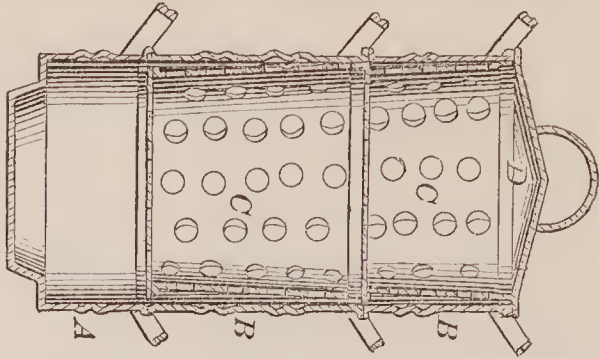


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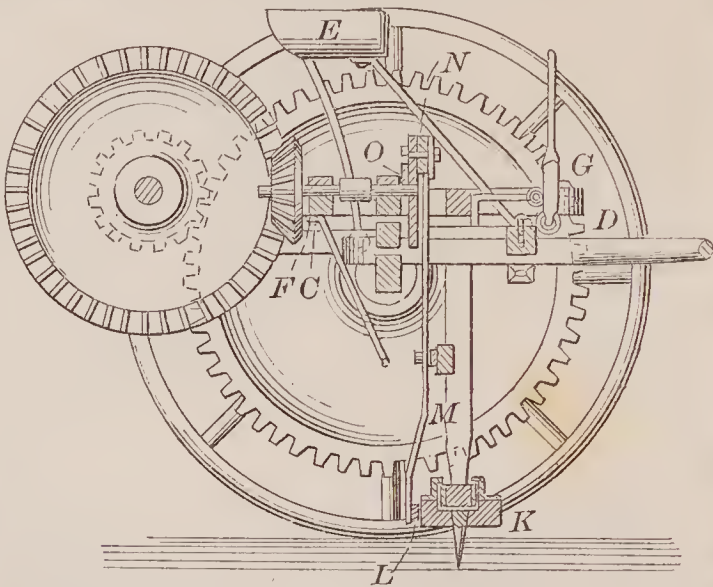
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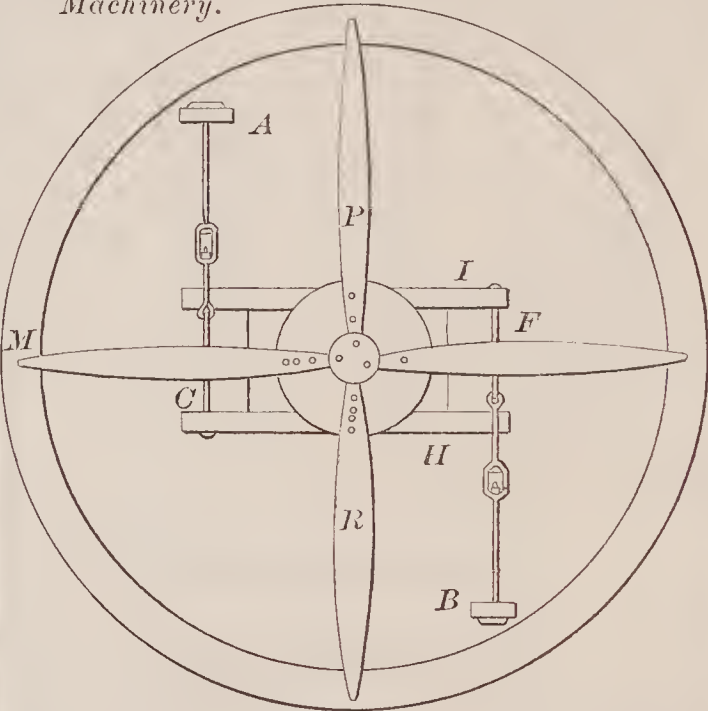
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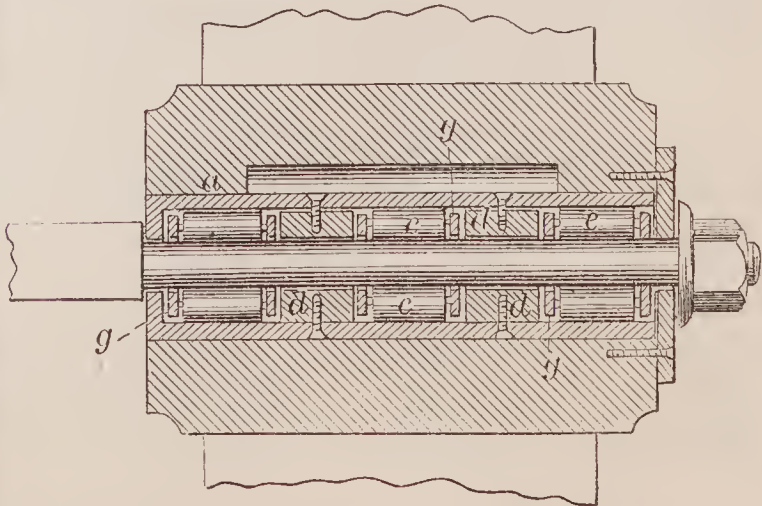
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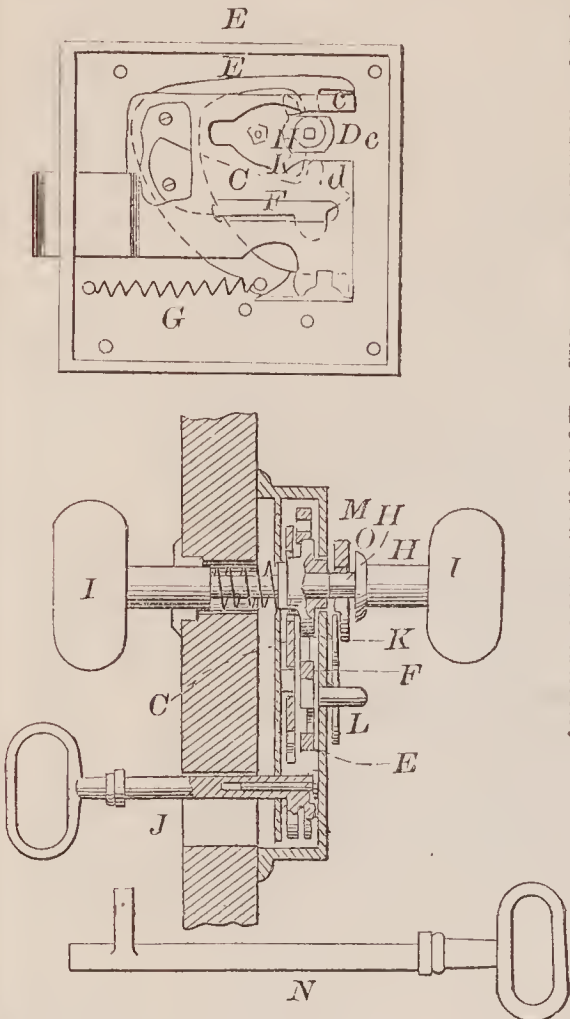
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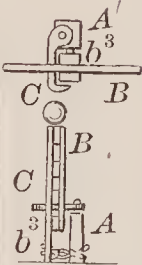
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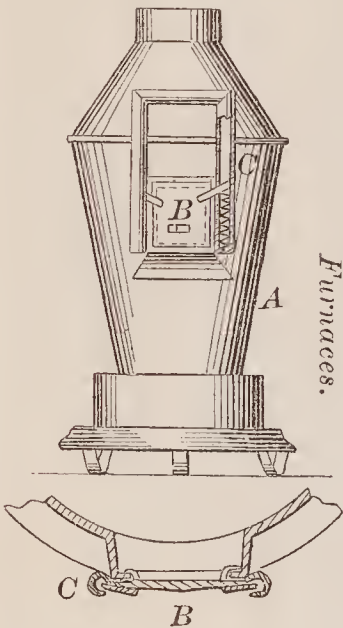
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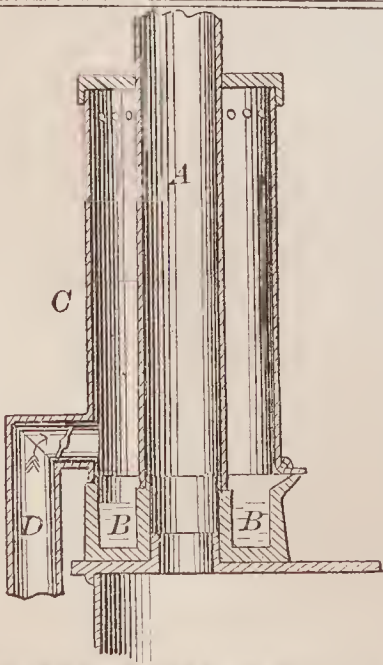
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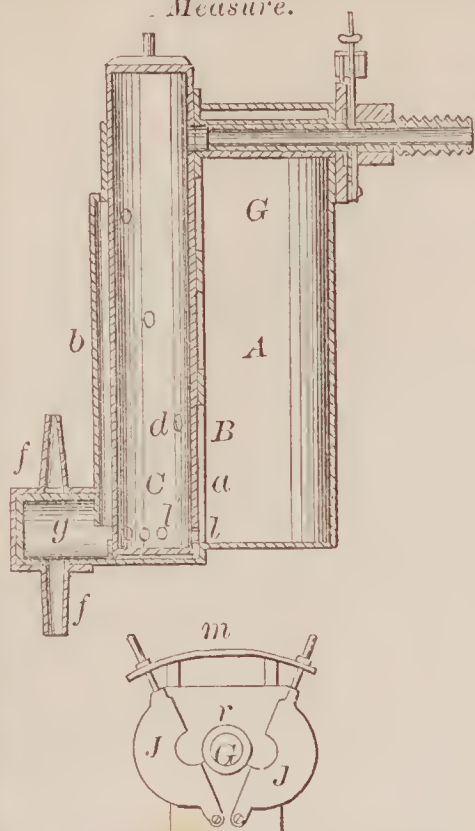
67942—F. S. Bissell—Door for Stoves and Furnaces.



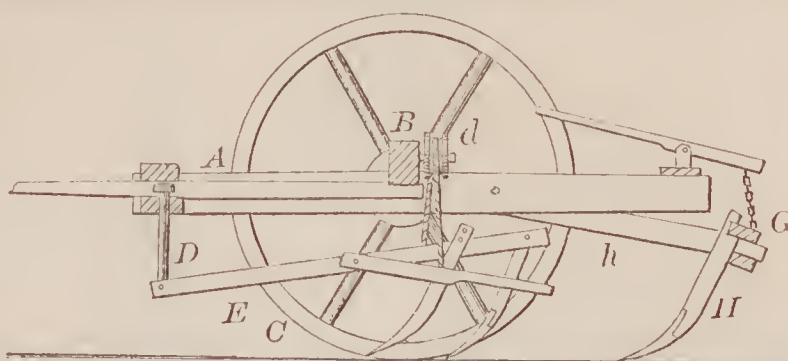
67945—T. S. Bowman—Ventilating Attachment for Stoves.



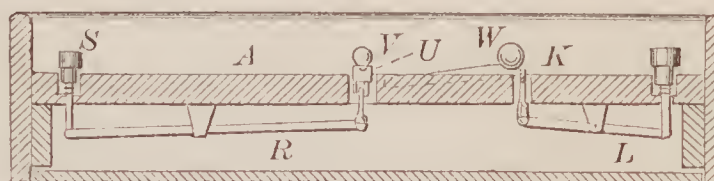
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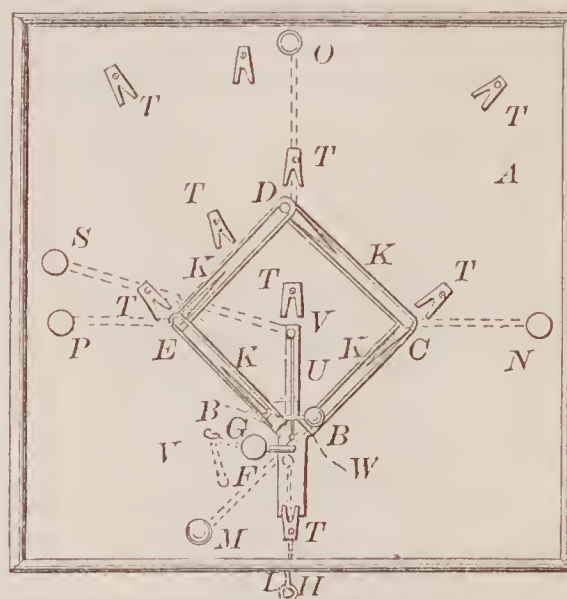
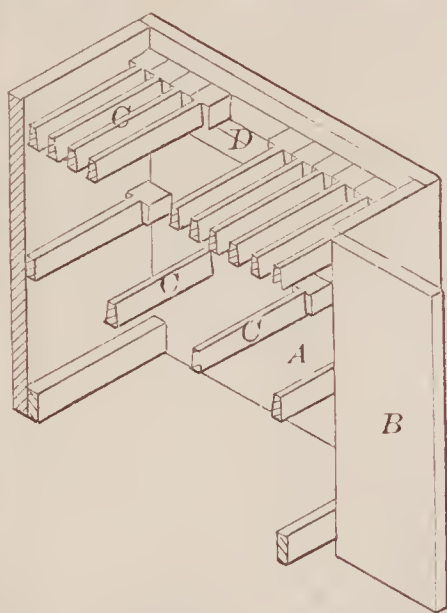
67949—P. F. Brittan—*Corn Cultivator.*



67951—W. Buckley—*Base Ball Table.*



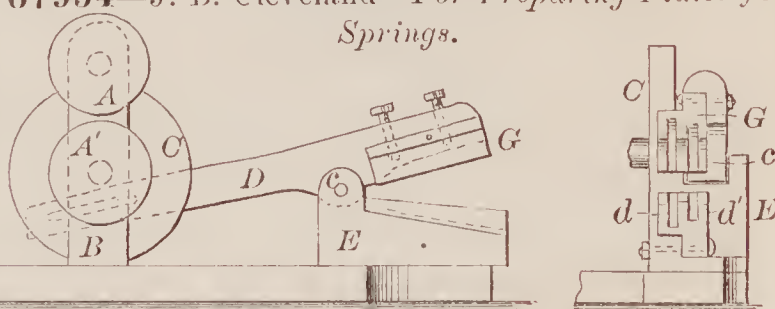
67950—H. Brown—*Clothes Dryer.*



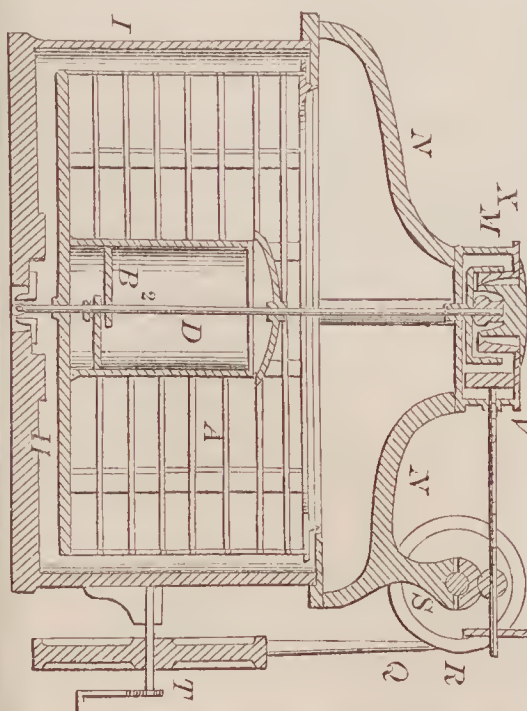
67952—J. Butts—*For Preventing Hogs from Rooting.*



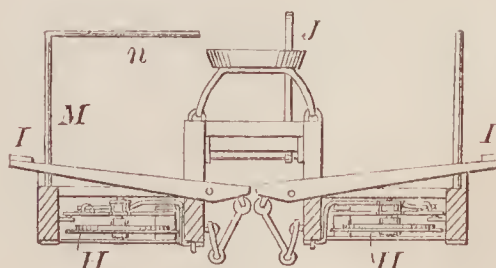
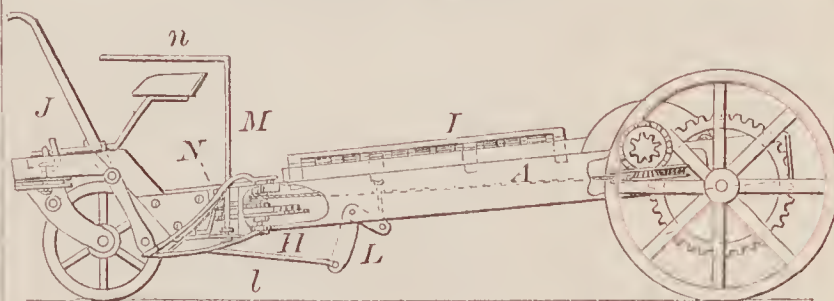
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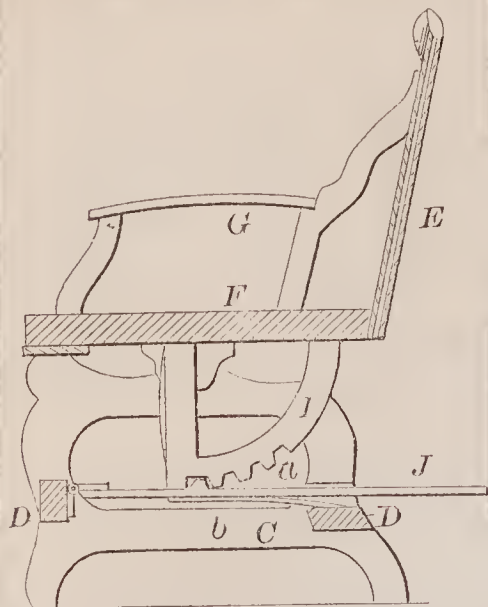
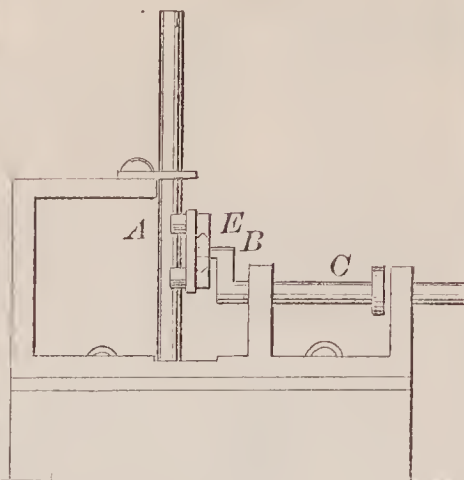
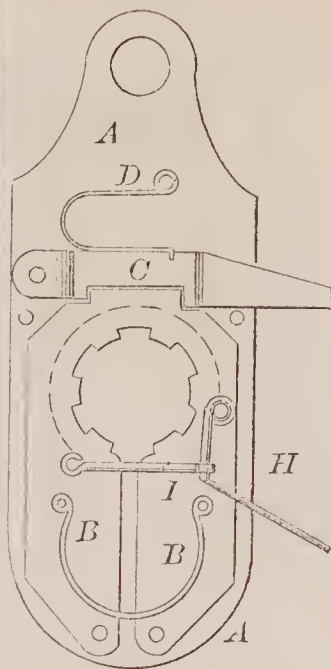
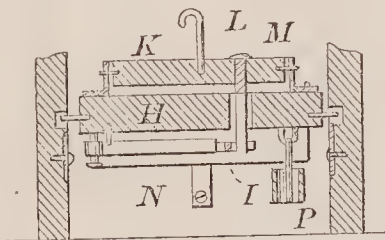
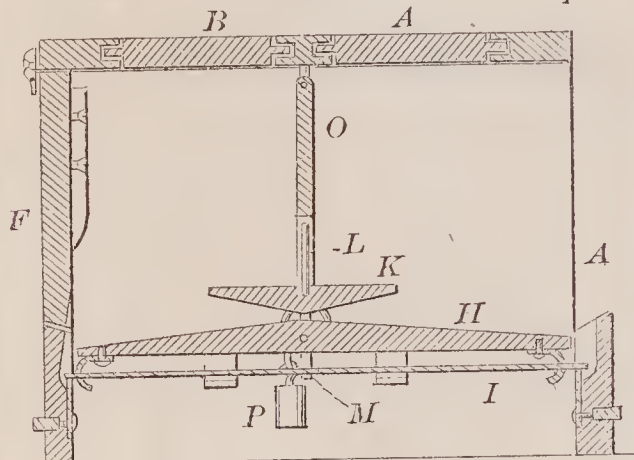
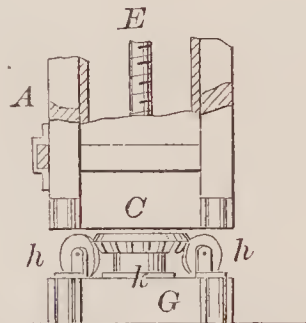
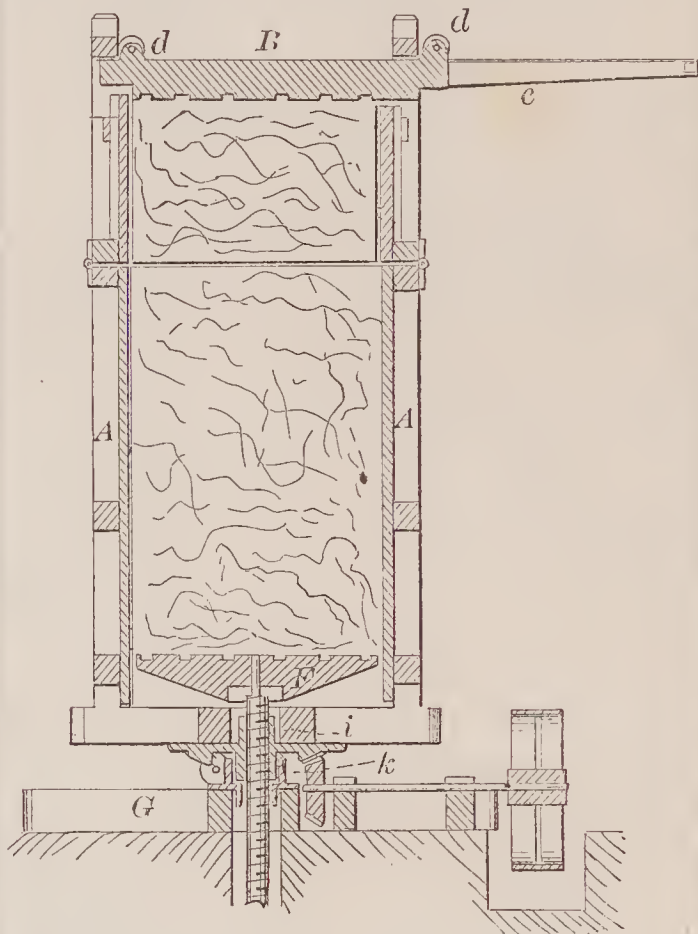
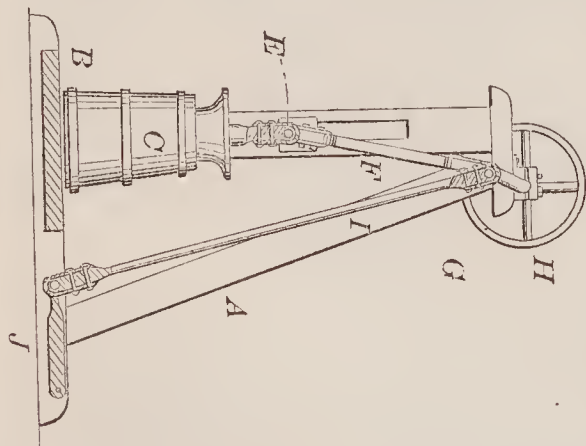
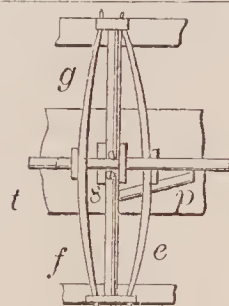
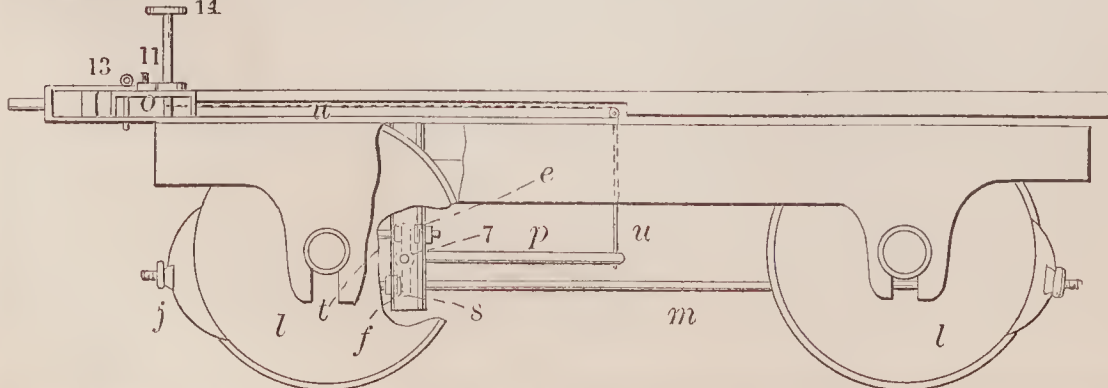


67953—E. C. Cleveland—*Centrifugal Machine.*

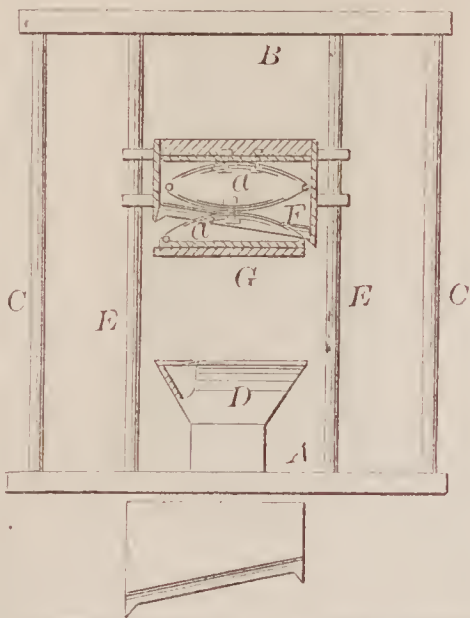


67955—Clinton, Prather & Hutchinson—*Corn and Cane Harvester.*

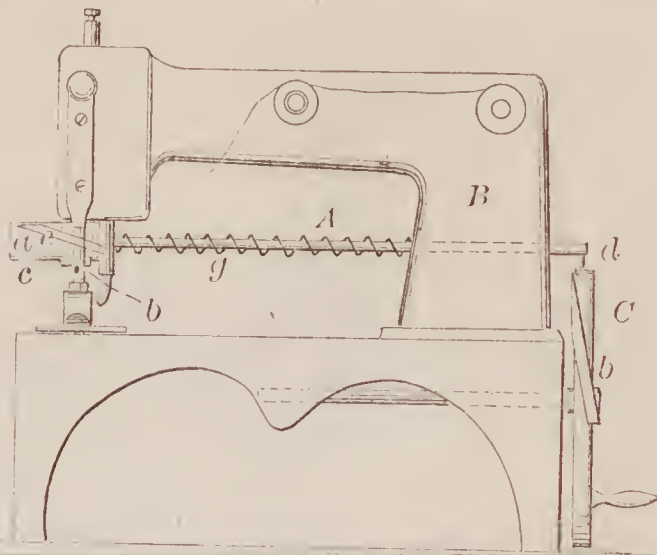


67956—F. J. Coates—*Chair.*67957—E. R. Cole—*Crank Connection.*67958—W. T. Cole—*Die for Cutting Threads on Tubes.*67959—I. N. Connell—*Animal Trap.*67961—J. G. Cummings—*Cotton Press.*67960—G. Crandell—*Churning Machine.*67962—J. Davis—*Car Brake.*

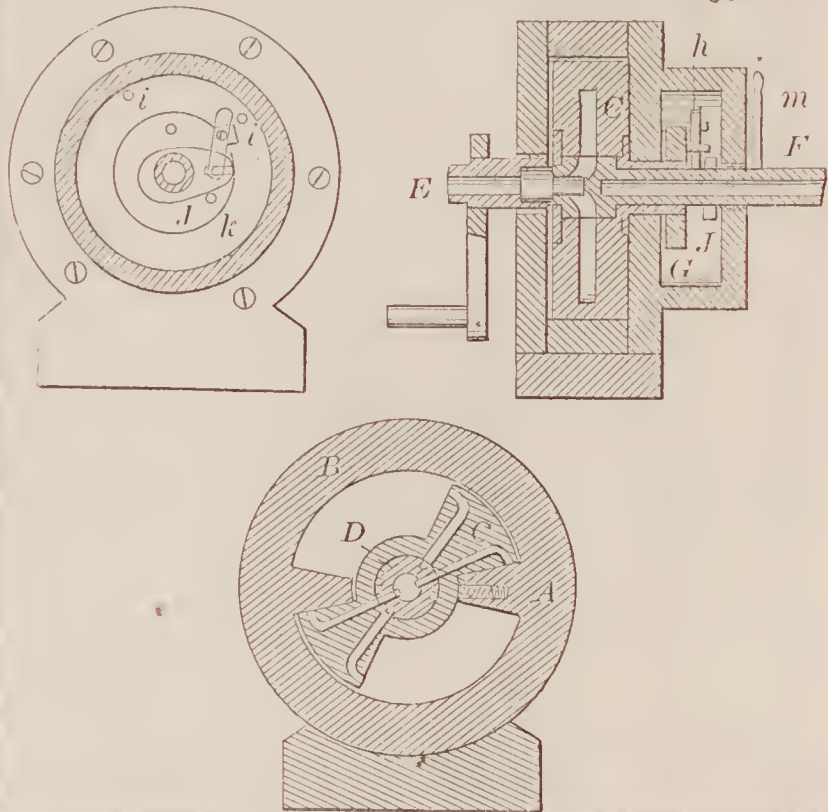
67963—T. R. Drummond—*Slate Cutter.*



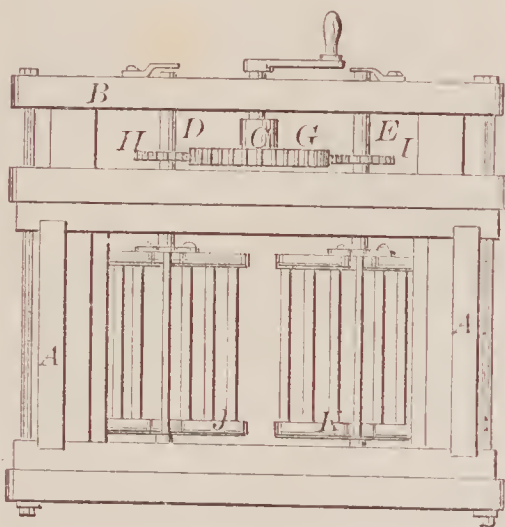
67965—G. Elmes—*Sewing Machine.*



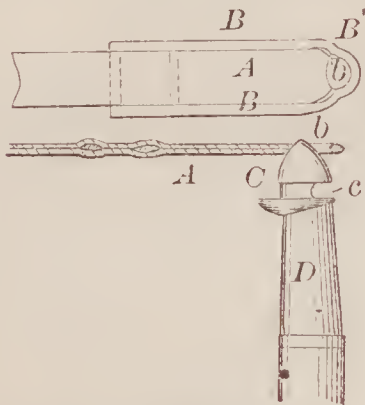
67966—W. M. Elrod—*Oscillating Piston Engine.*



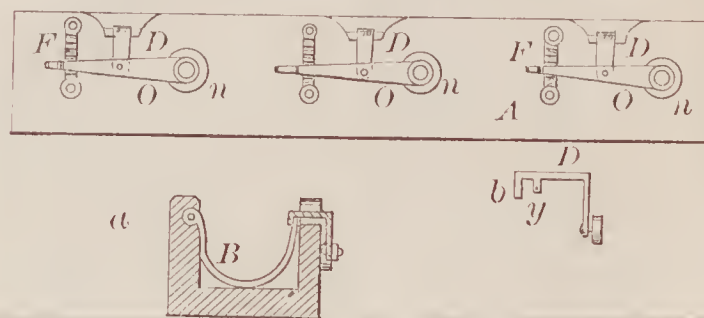
67964—C. L. Eggert—*Churn.*



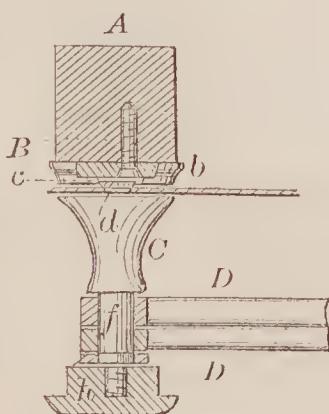
67967—G. W. Fink—*Trace Fastener.*



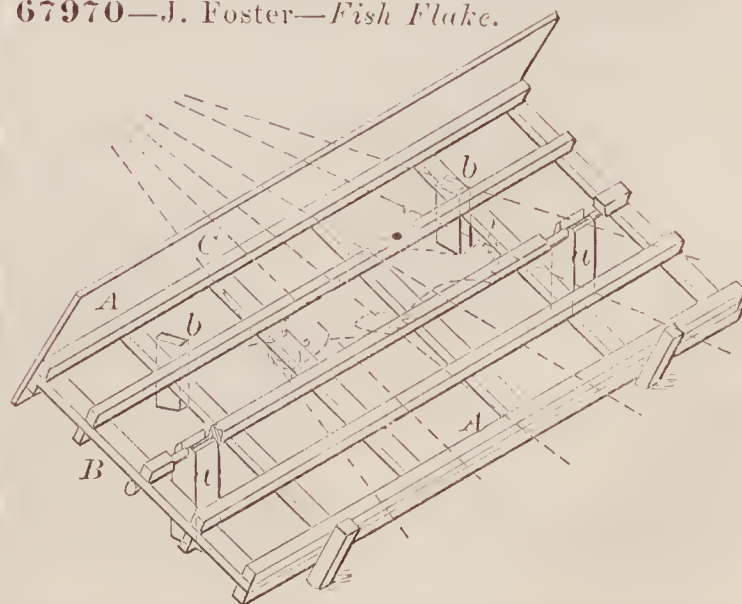
67969—C. & G. Fisher—*For Soldering Eave Troughs.*



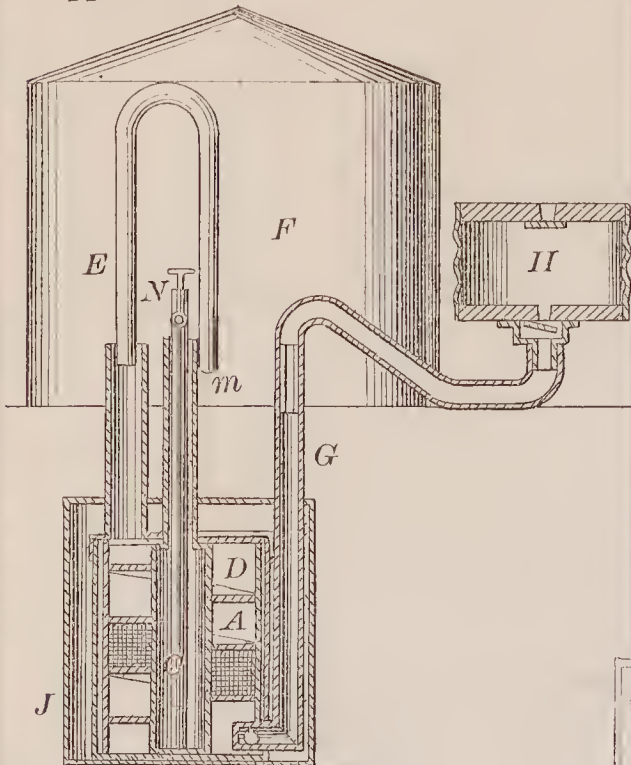
67968—W. Finn—*Carriage Prop.*



67970—J. Foster—*Fish Flake.*



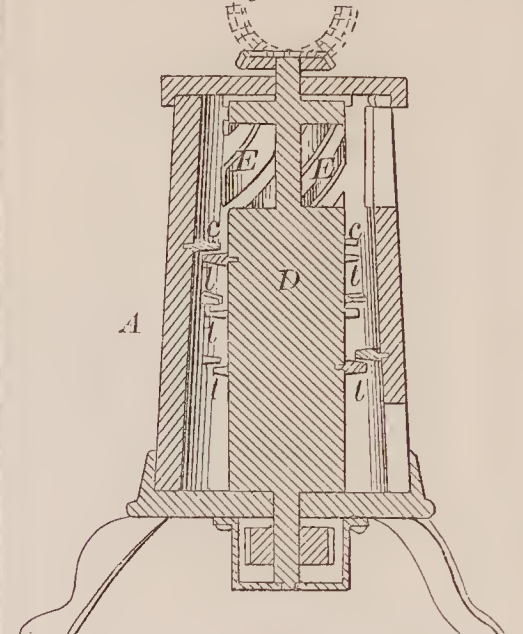
67971—E. J. Fraser—*Carburettng Apparatus.*



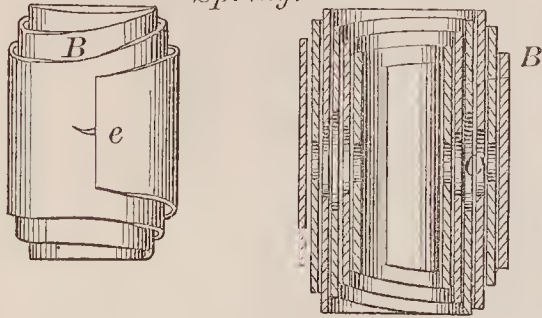
67974—J. H. Godwin—*Oiler.*



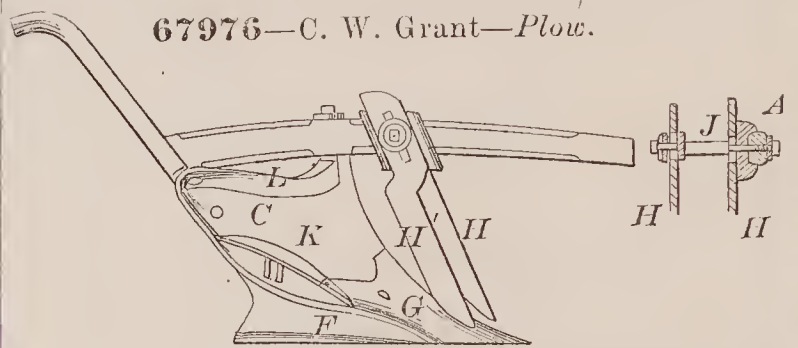
67975—A. Goodhart—*For Cutting and Grinding Corn Fodder.*



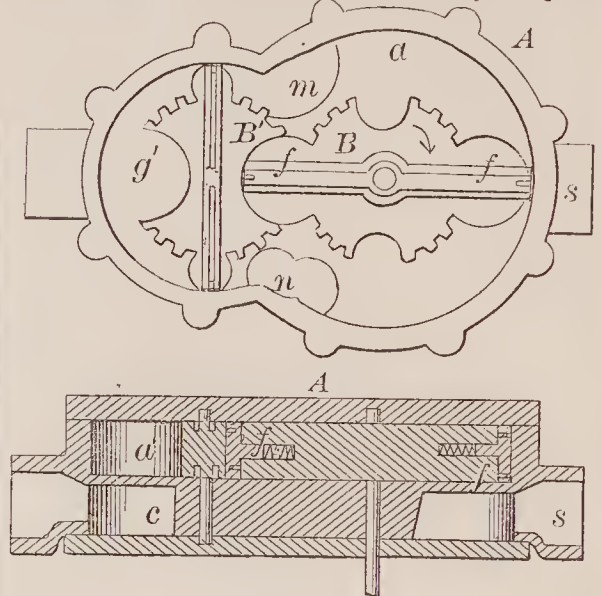
67972—Freeland & Ward—*Volute Spring.*



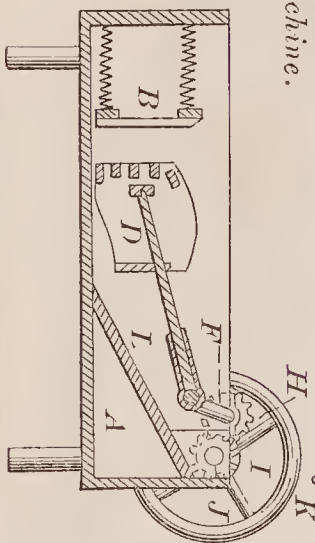
67976—C. W. Grant—*Plow.*



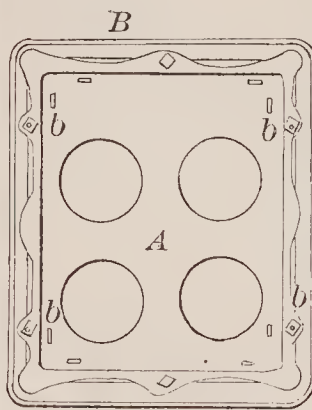
67978—M. Hanford—*Rotary Engine.*



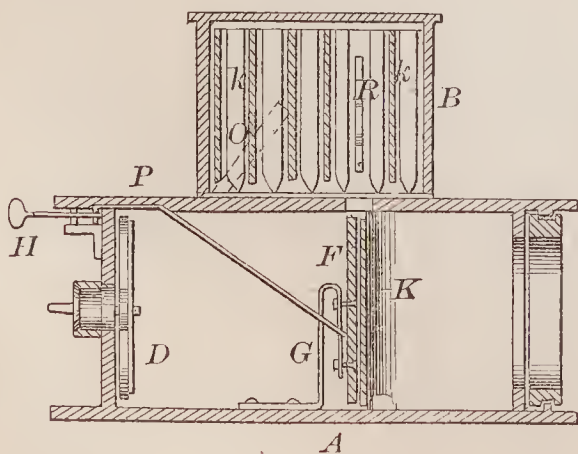
67980—G. W. Havermale—*Washing Machine.*



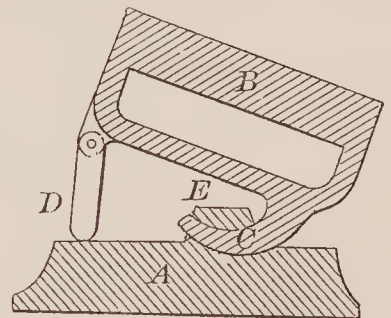
67977—J. Grimes—*Top of Cooking Stores.*



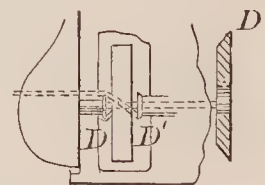
67981—D. H. Houston—*Photographic Apparatus.*



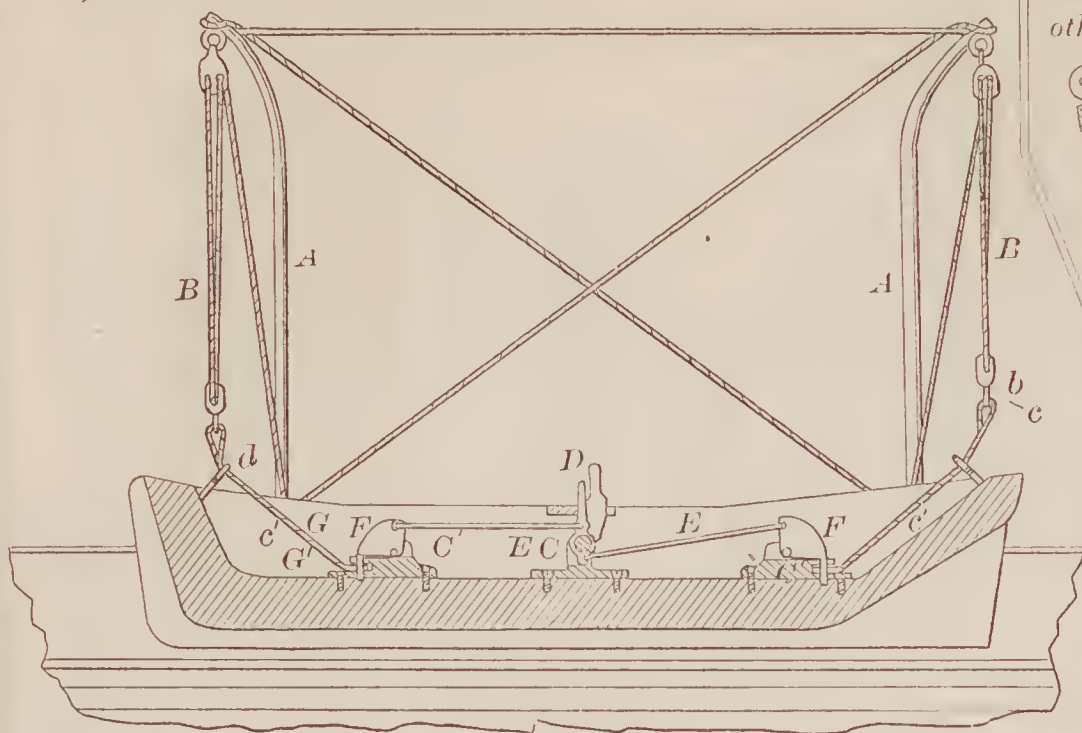
67979—C. C. Hare—*Sad Iron.*



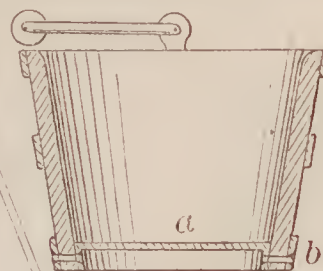
67982—R. H. Hudson—*To Prevent Ropes Fouling Ships' Propellers.*



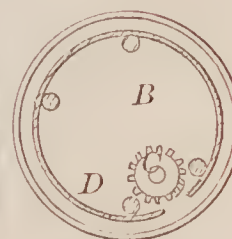
67983—Hurlbut & Snow—*Boat Detaching Tackle.*



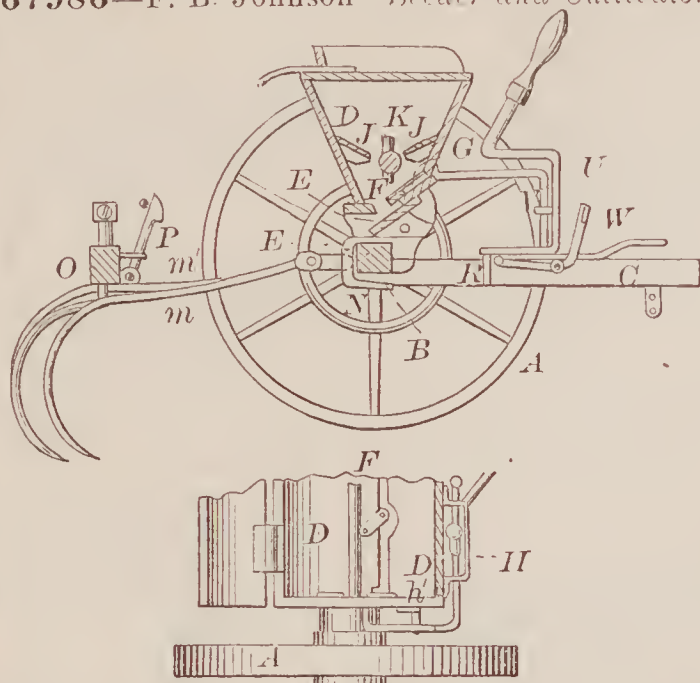
67984—J. W. Jarboe—*Manufacturing Pails and other Household Vessels.*



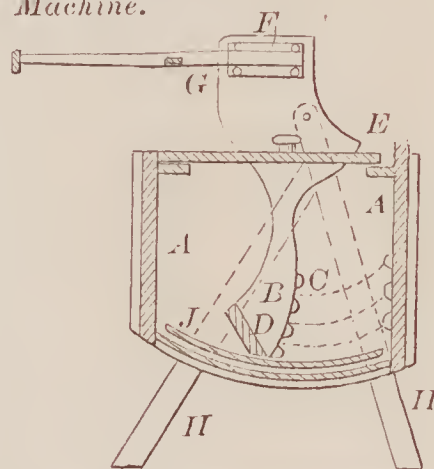
67985—E. Jewell—*Watch.*



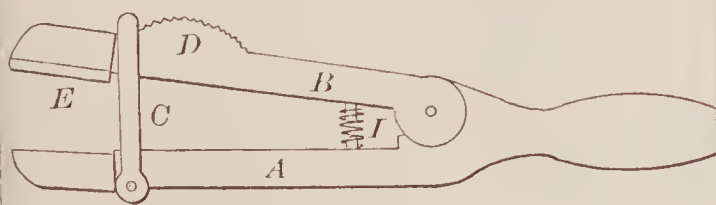
67986—F. B. Johnson—*Seeder and Cultivator.*



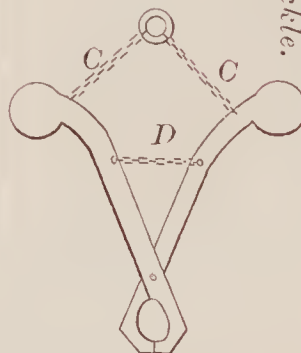
67990—Kranser & Bowman—*Washing Machine.*



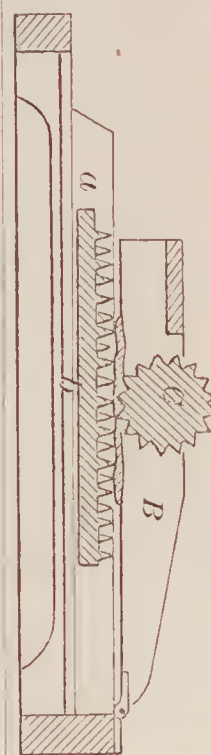
67987—J. S. Kalb—*Wrench and Pruning Shears.*



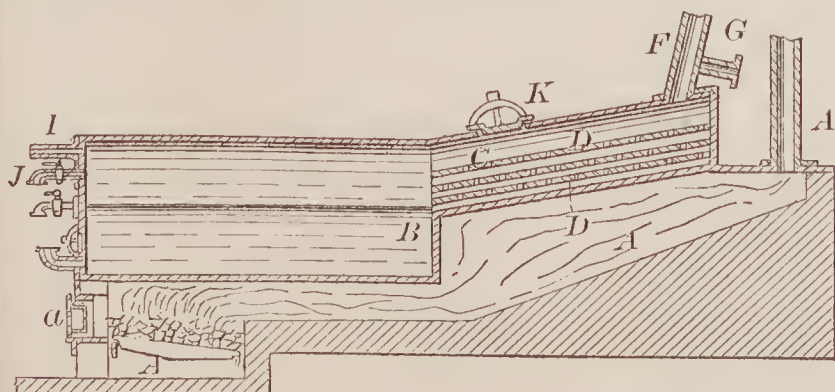
67989—G. H. Kempton—*Boat Detaching Tackle.*



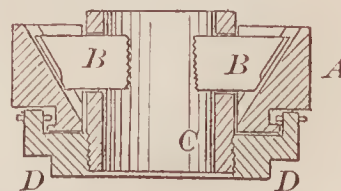
67991—J. Lefebvre—*Meat Masher.*

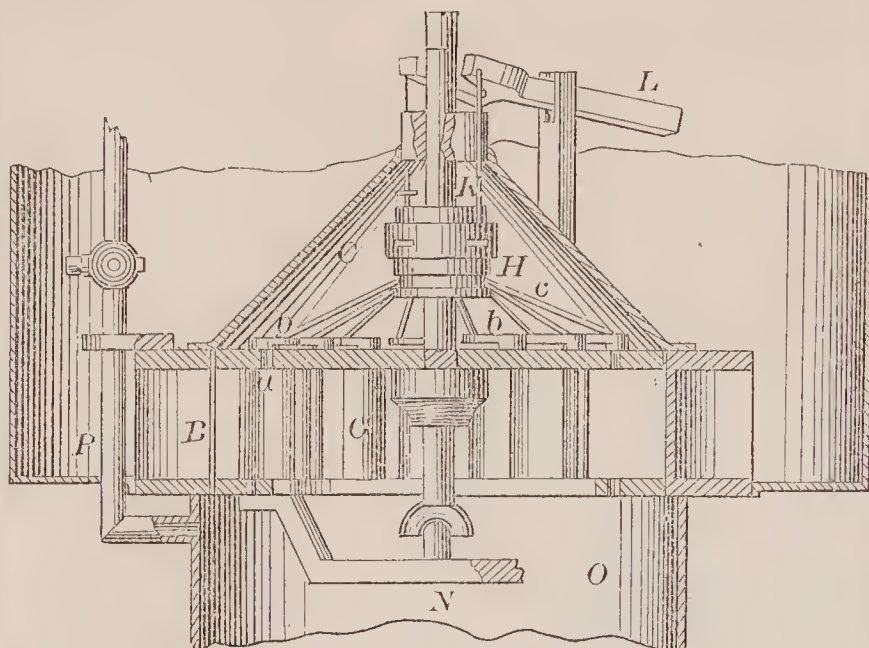
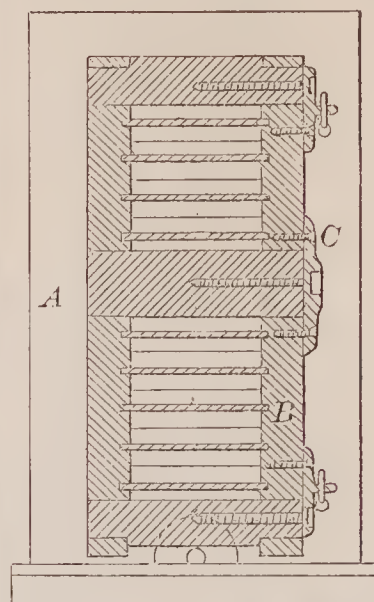
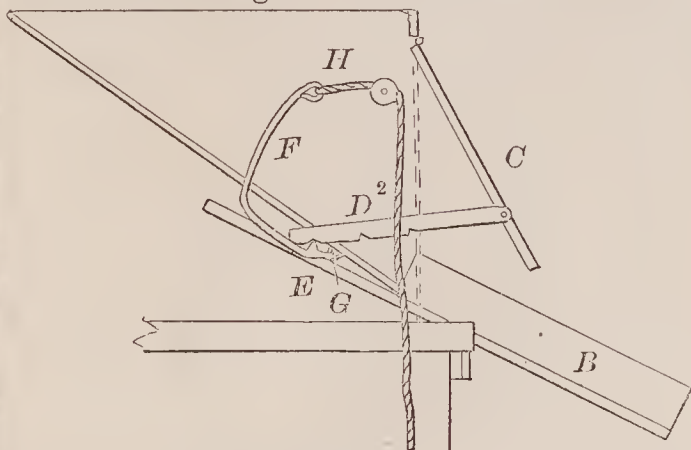
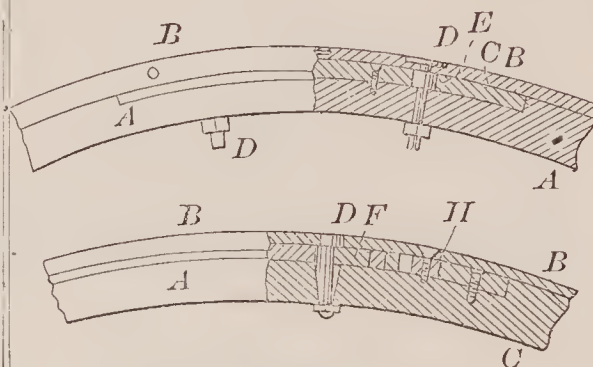
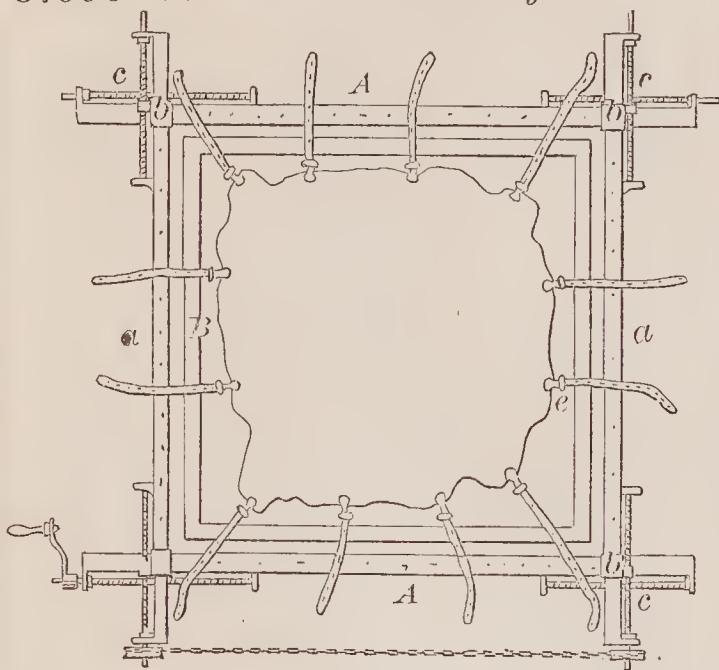
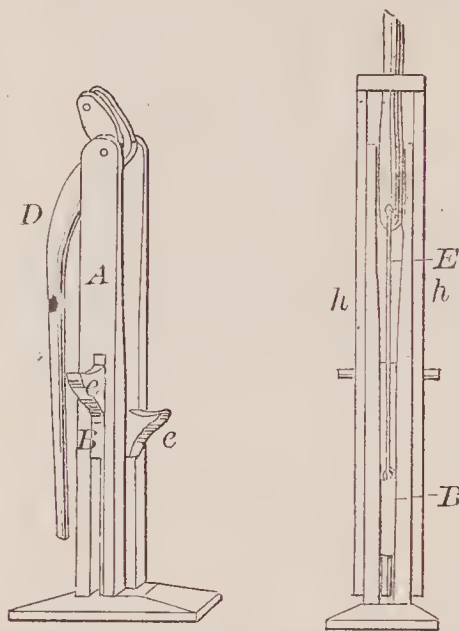
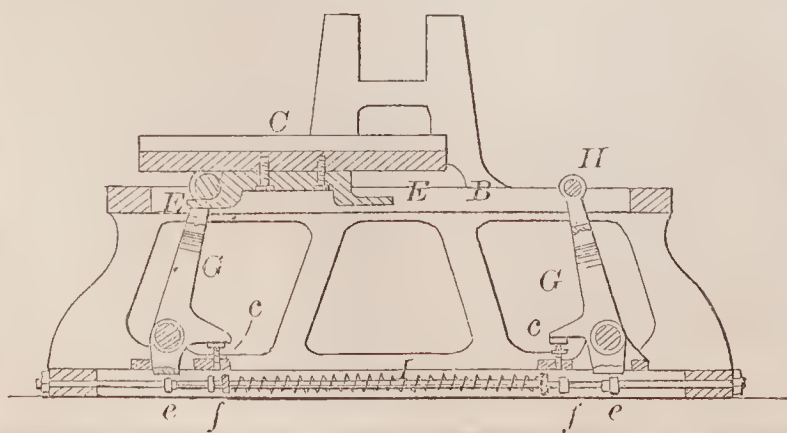
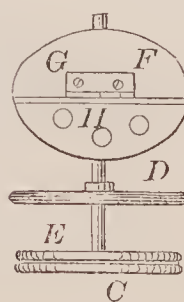


67988—E. G. Kelley—*Petroleum Still.*

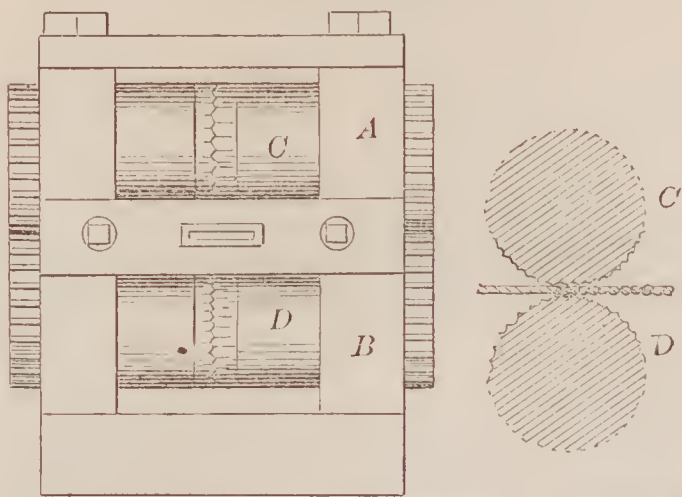


67993—B. T. Loomis—*Expanding Dye.*

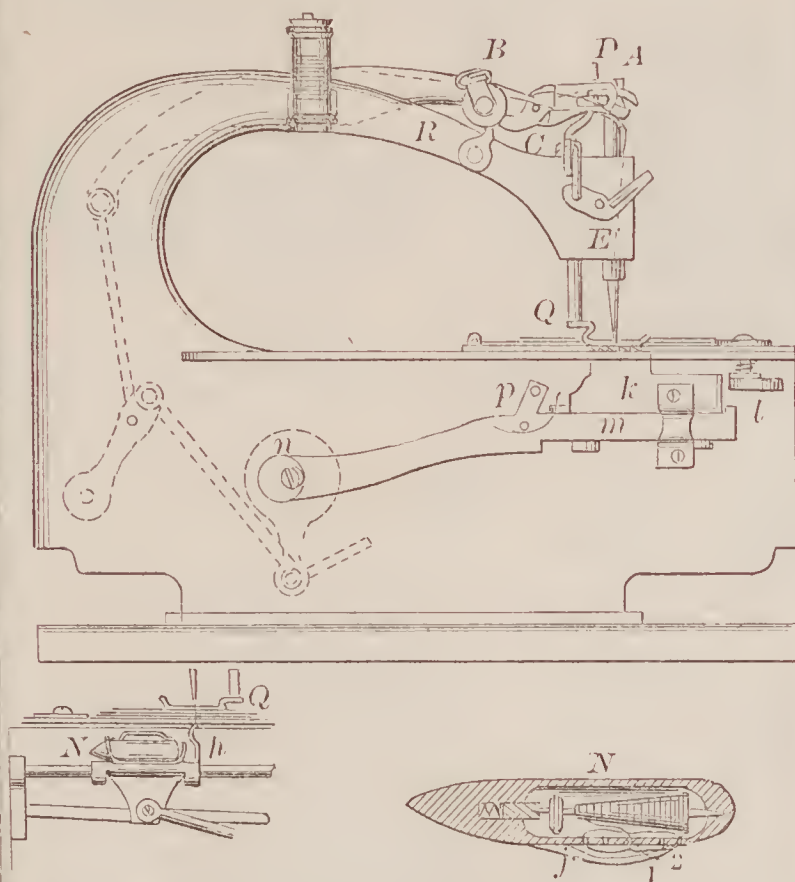


67994—O. W. Ludlow—*Water Wheel.*67999—W. W. S. Oberton—*Hinge and Blind Supporter.*67995—E. Maguire—*Coal Chute.*68002—H. A. Potter—*Vehicle Wheel.*67996—A. Marsh—*For Stretching Skins.*68003—R. B. Prindle—*Wagon Jack.*68001—C. Potter, Jr.—*Printing Press.*68000—J. W. Pettengill—*Churn Dasher.*68005—C. & J. G. Rowland—*Condensed Leather Peg.*

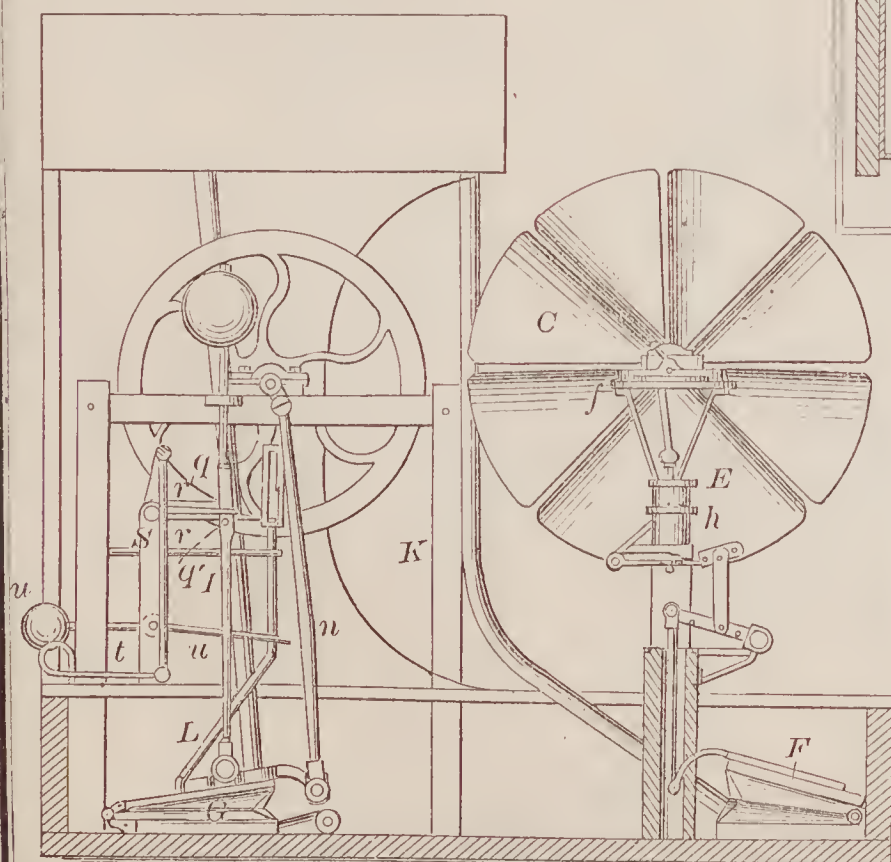
68006—C. & J. G. Rowland—For Making Condensed Leather Pegs.



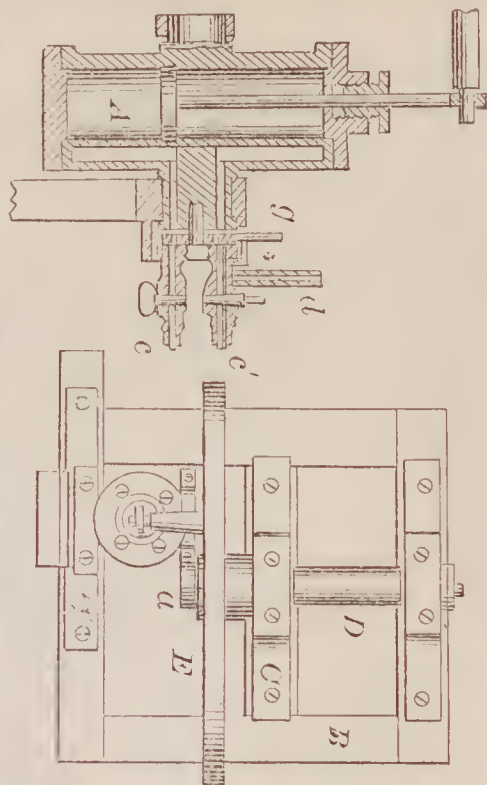
68009—C. Stebbins—Sewing Machine.



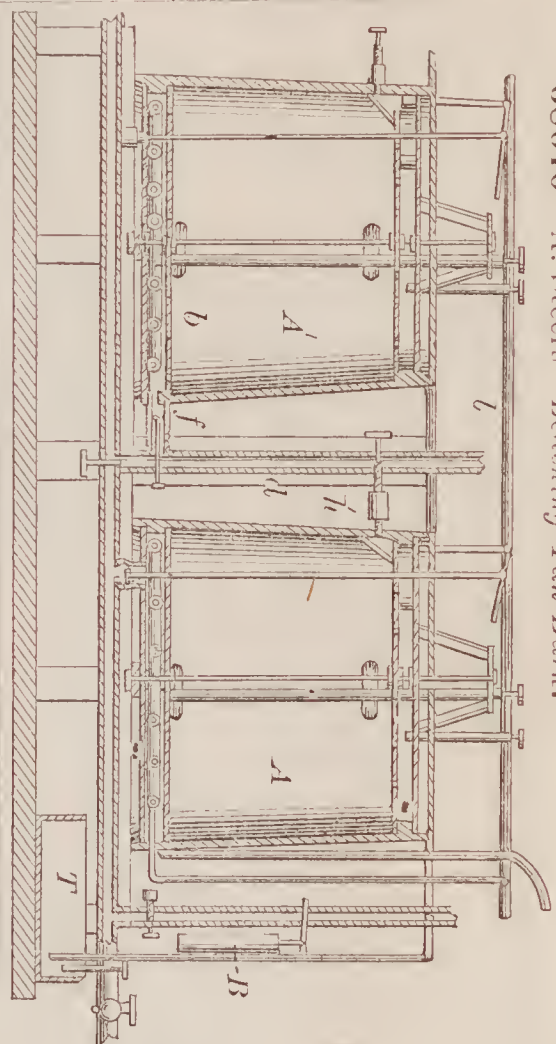
68007—J. Schenker—Windmill.



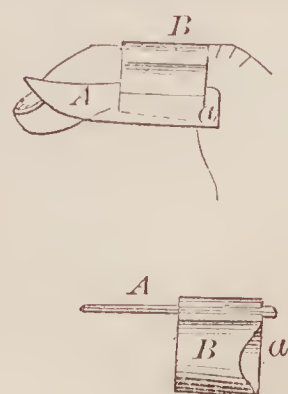
68008—Scott & Morton—Revolving Cylinder Engine.



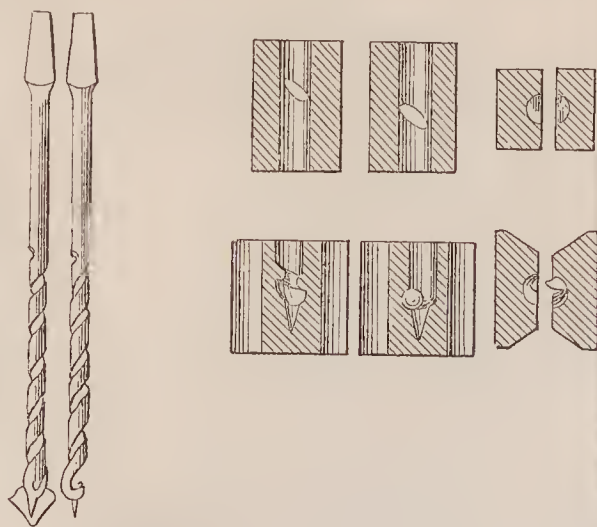
68010—A. Steers—Leaching Tan Bark.



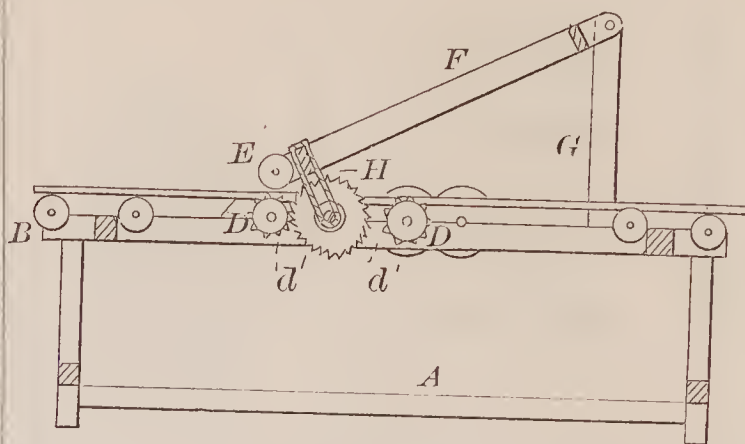
68011—Strong & Dadmun—Fruit Stem Cutter.



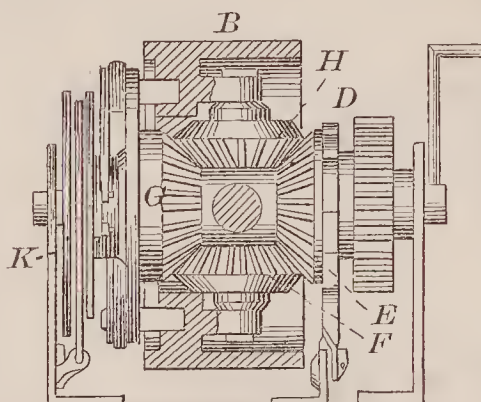
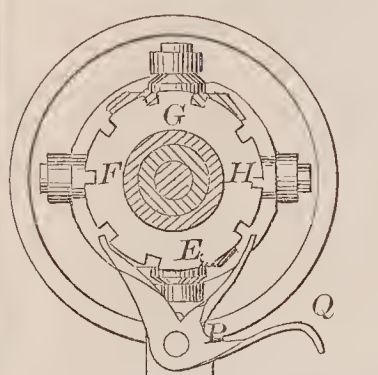
68012—J. Swan—Auger.



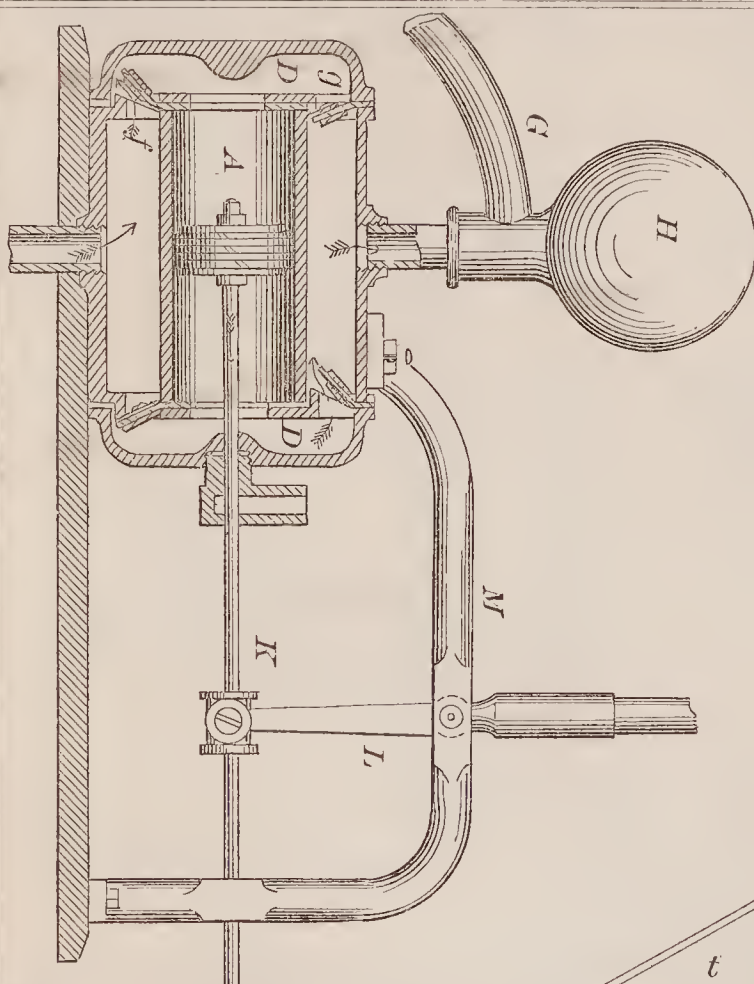
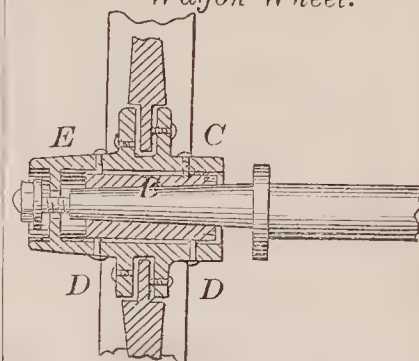
68013—E. Tarrant—Sawing Machine.



68015—E. Ware—For Propelling Steam Carriages.

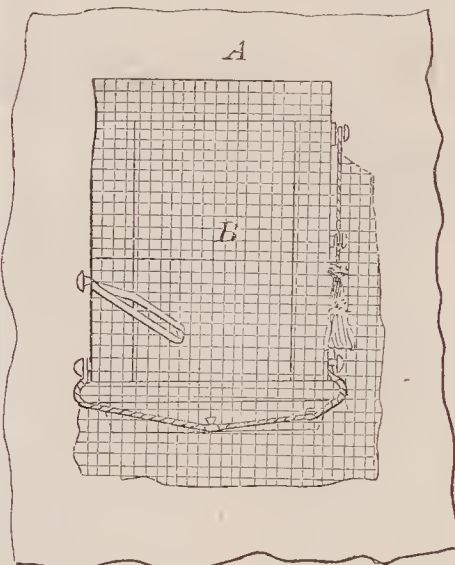


68017—S. B. Welton—Wagon Wheel.

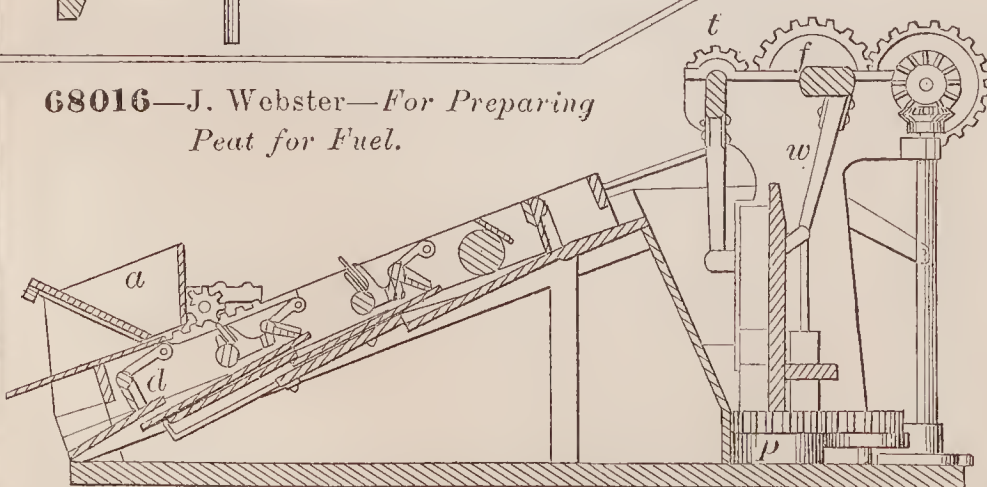


68014—Verniaud & Lucie—Pump.

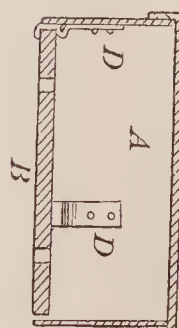
68018—N. Weston, Jr.—Mosquito and Fly Net.



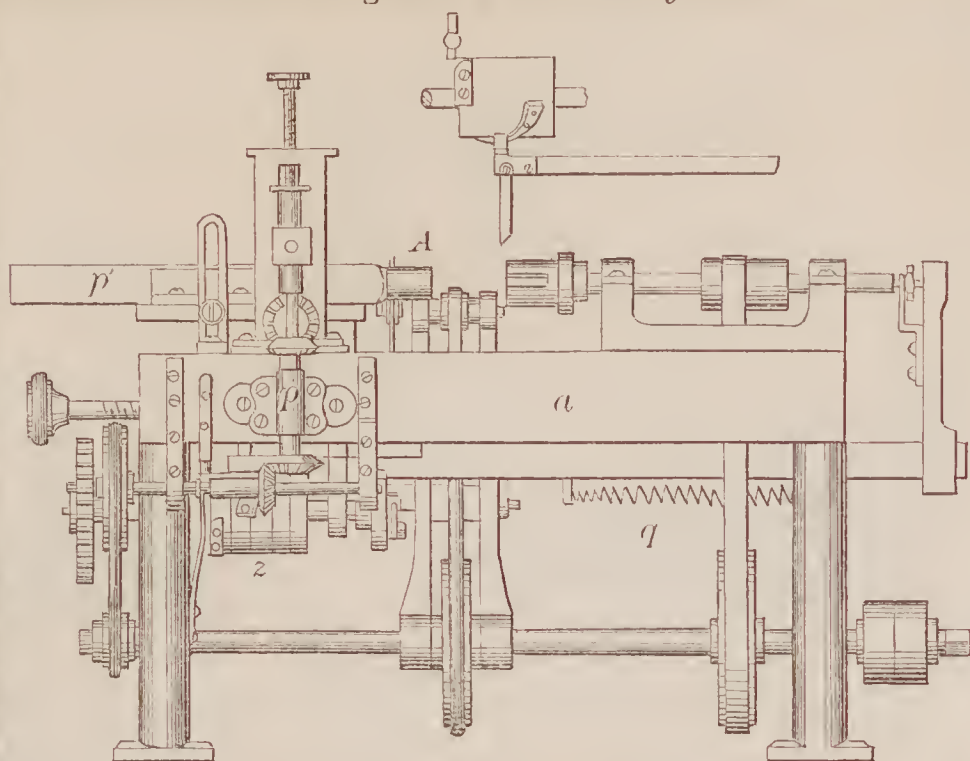
68016—J. Webster—For Preparing Peat for Fuel.



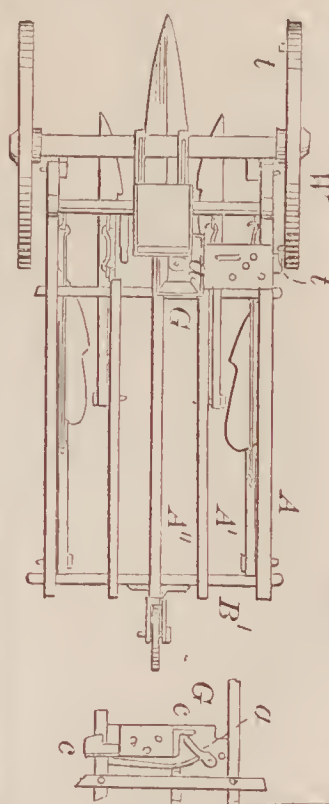
68019—J. White—Fruit Box.



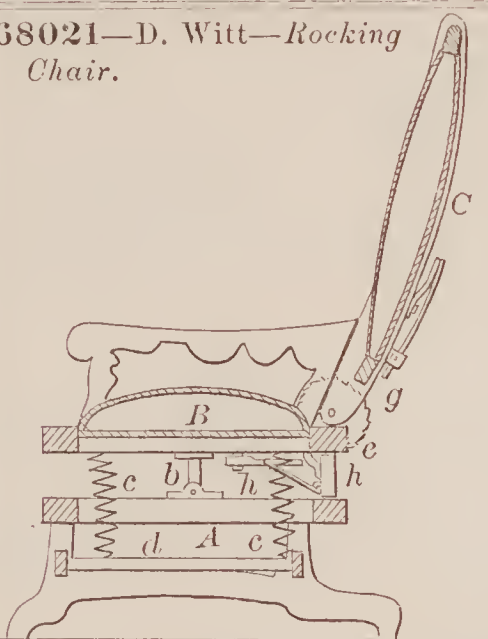
68020—Wilson & Hughes—Wood Turning Lathe.



68026—J. Adams—Planter and Cultivator.



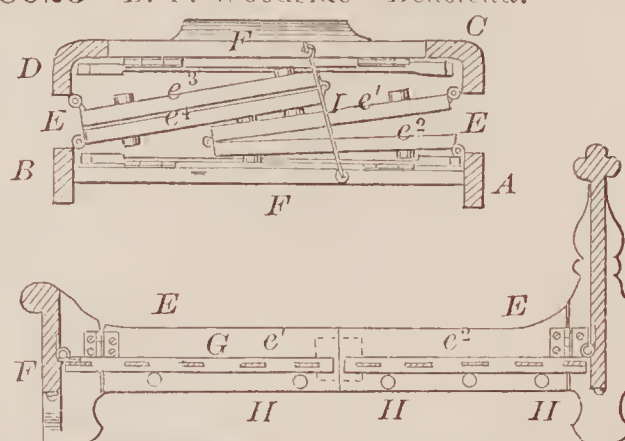
68021—D. Witt—Rocking Chair.



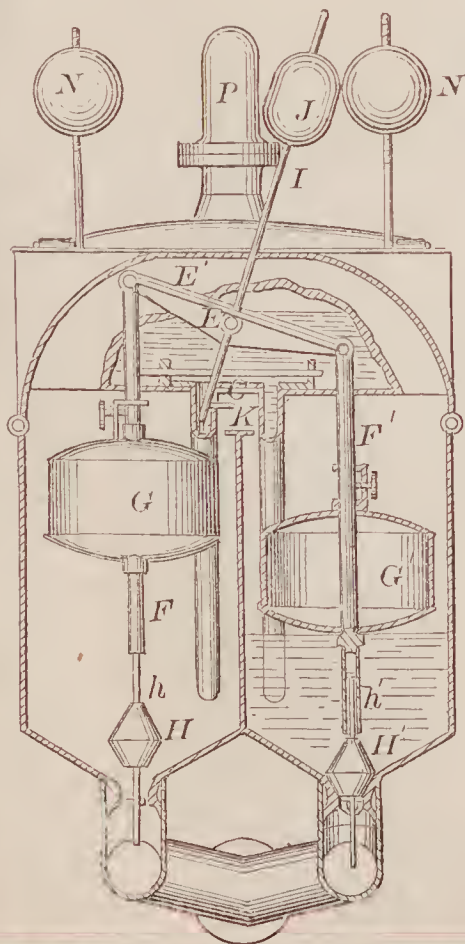
68022—J. B. Wood—Sash Brush.



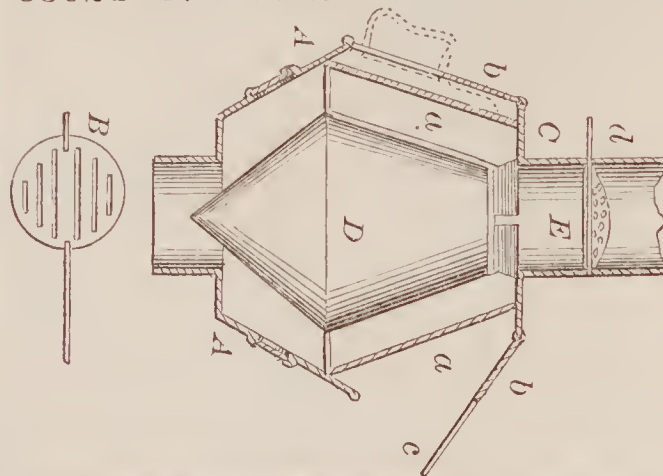
68023—B. F. Woodside—Bedstead.



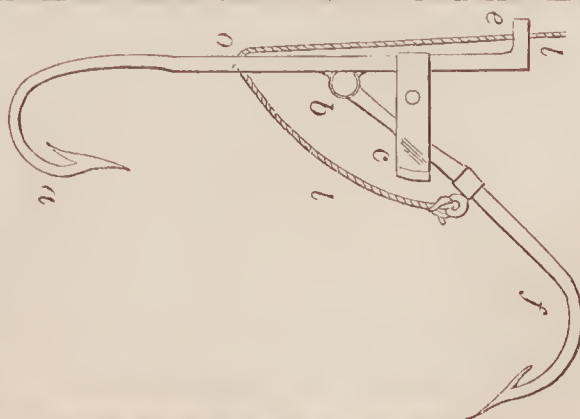
68025—R. W. Young—Liquid Meter.



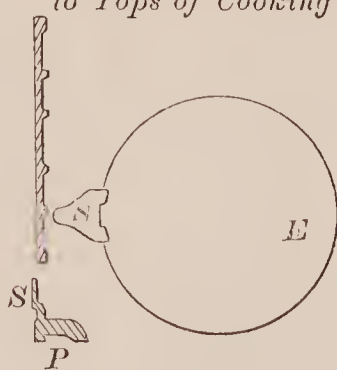
68024—J. H. Yates—Flat Iron Heater.



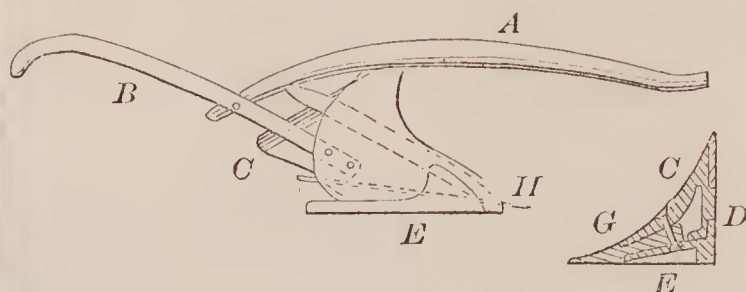
68027—F. Angliard—Fish Hook.



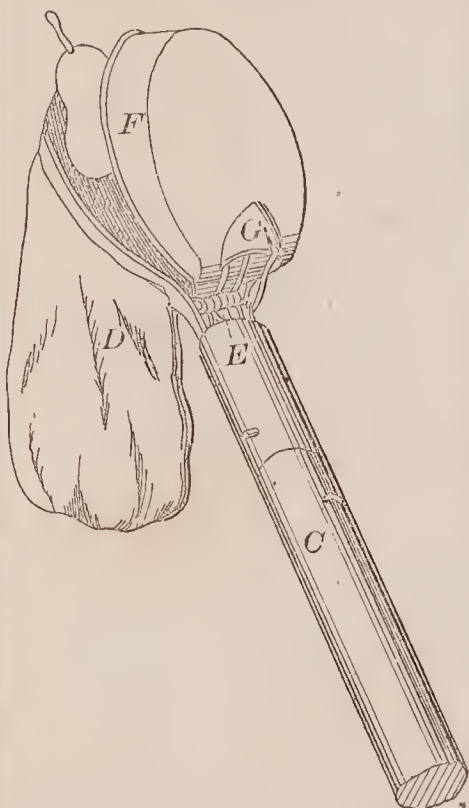
68029—C. J. Ball—*Hinging Covers to Tops of Cooking Stoves.*



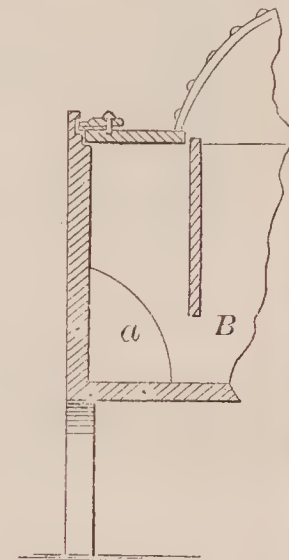
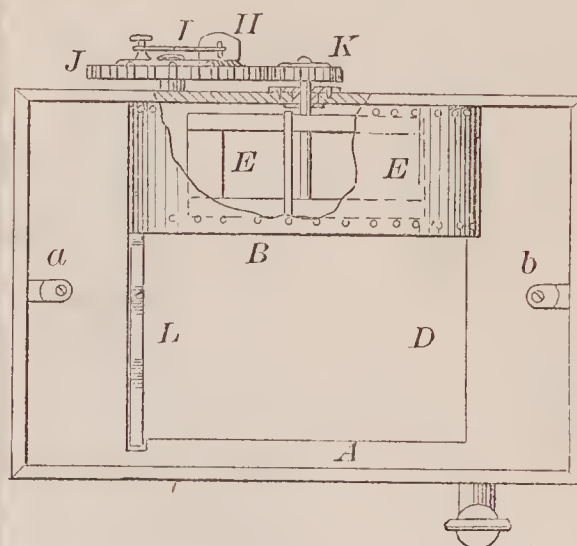
68032—A. C. Belt—*Plow.*



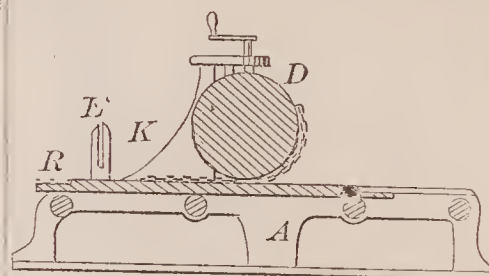
68030—A. T. Barnes—*Fruit Picker.*



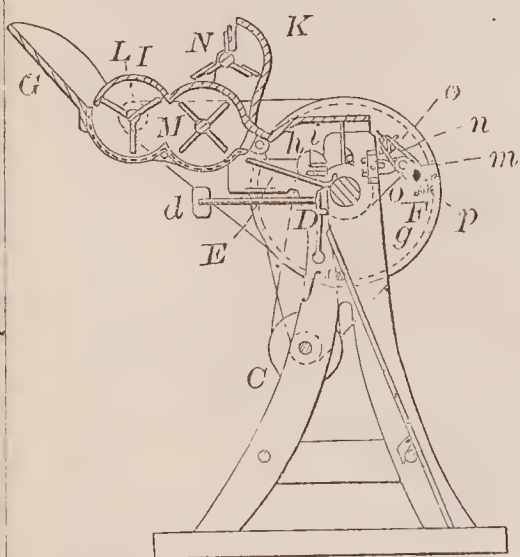
68034—T. Bogan—*Churn.*



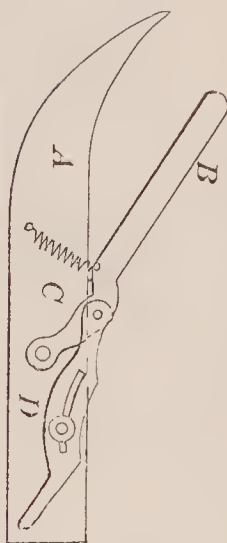
68033—W. E. Bird—*For Making Cores for Pipe Casting.*



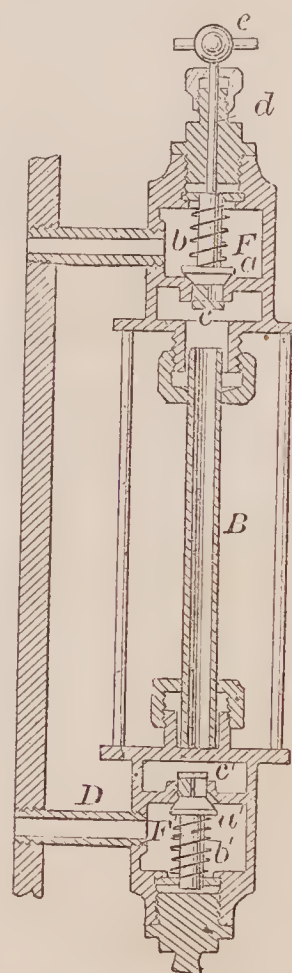
68035—Brackett & Dearborn—*Cotton Gin and Picker.*



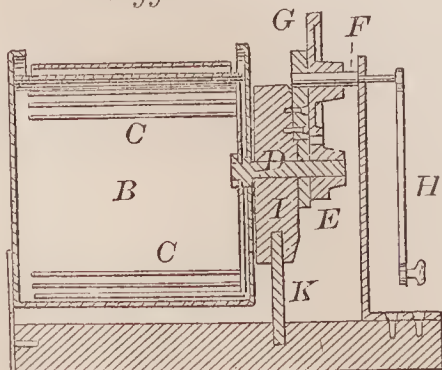
68031—Bartlett & Walman—*For Propelling Sticks by Hand.*



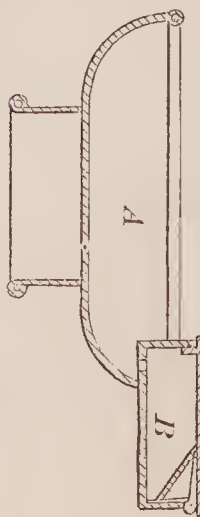
68038—A. P. Brown—*Stream Generator Water Gauge.*



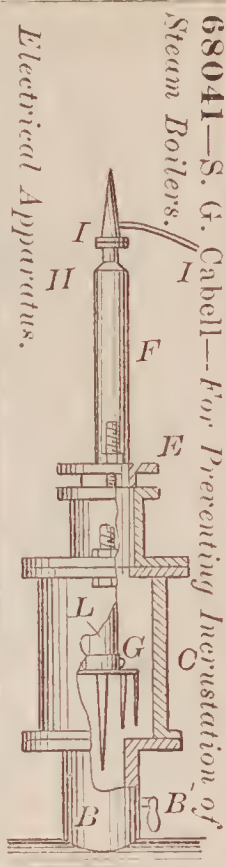
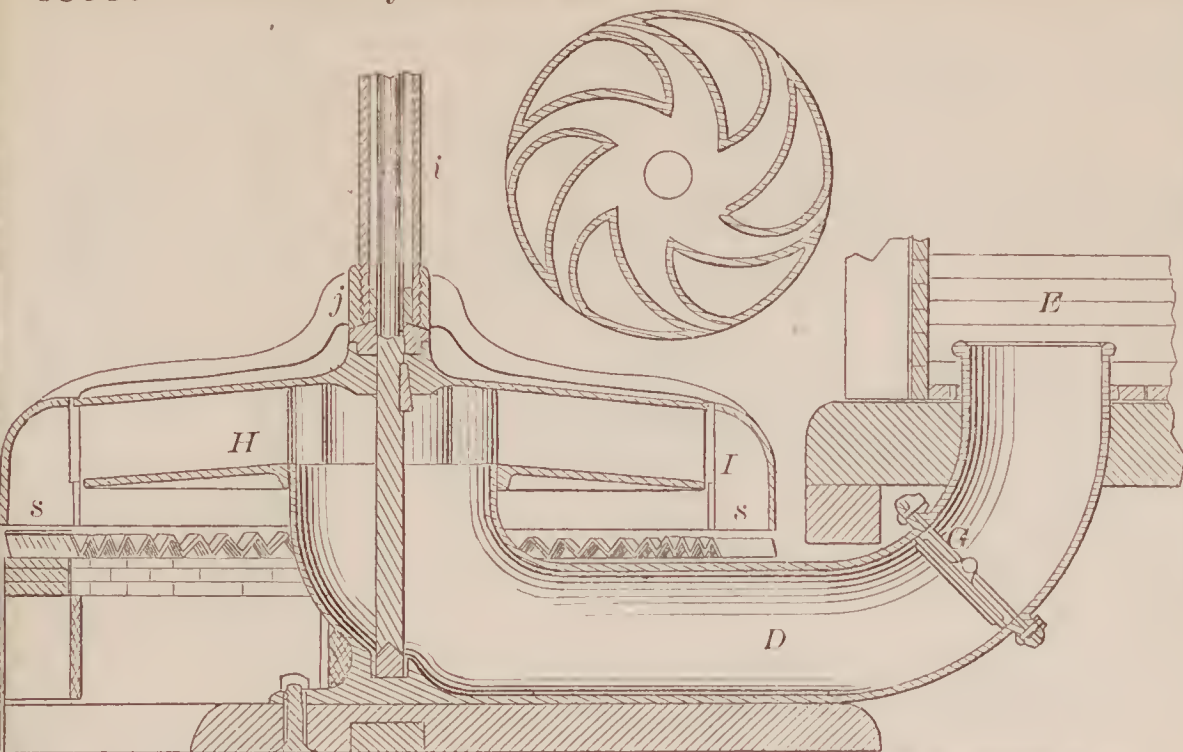
68037—G. E. Bridger—*Egg Beater.*



68036—W. Bradley—*Wash Basin.*

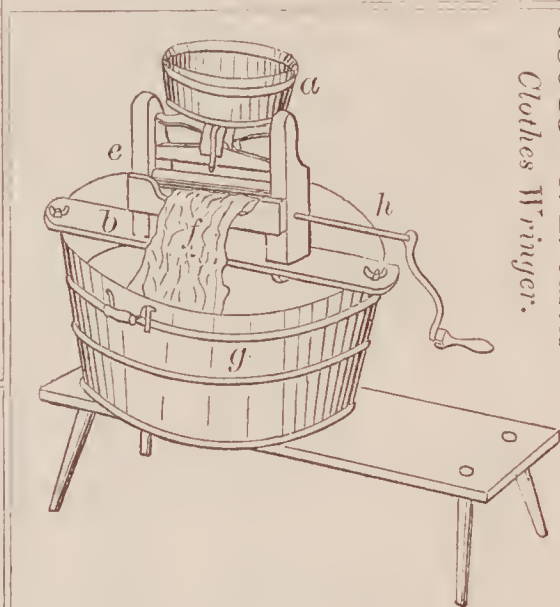
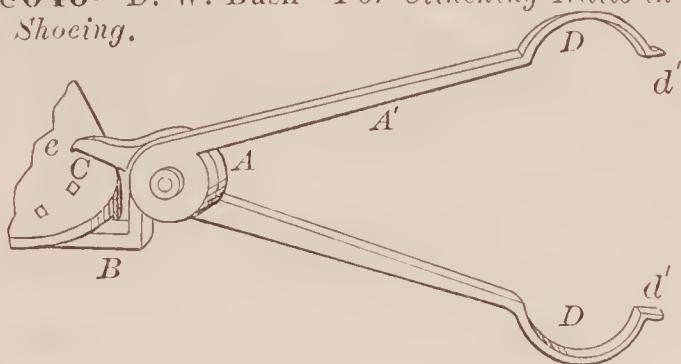


68039—Browne & Hoyt—Water Wheel.



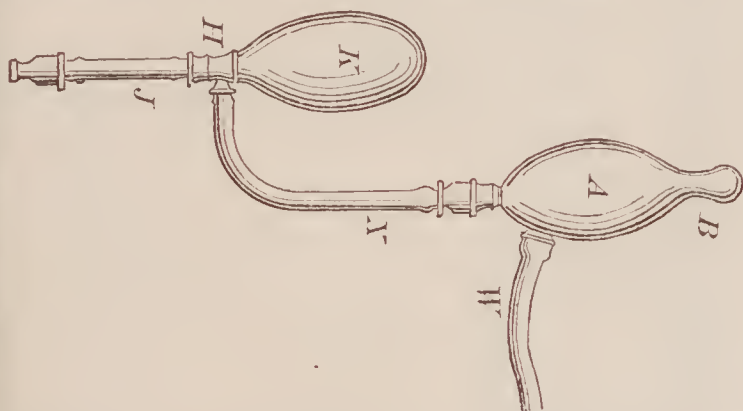
68041—S. G. Cabell—For Preventing Incrustation of Steam Boilers.

68040—D. W. Bush—For Clinching Nails in Horse Shoeing.

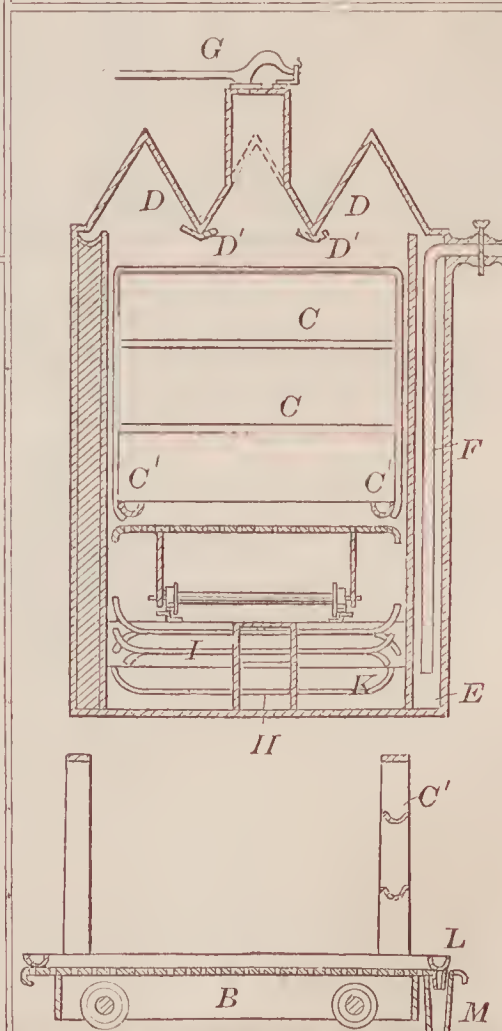
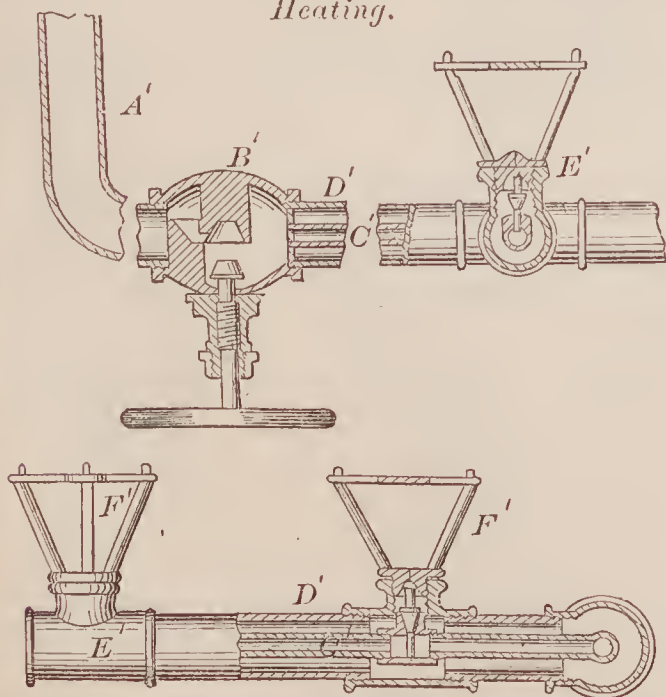


68043—C. L. Carter—Clothes Wringer.

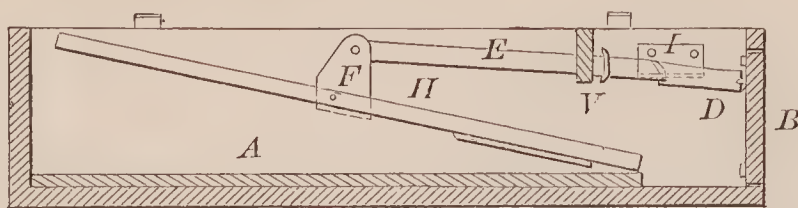
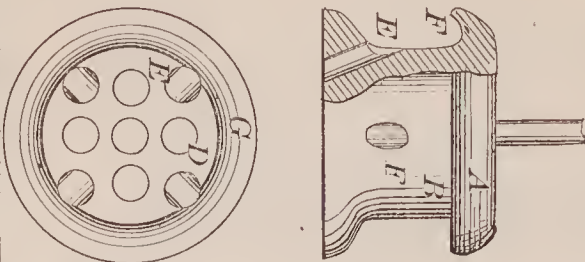
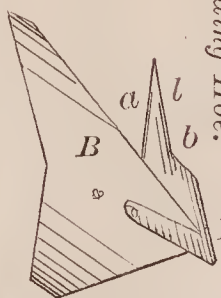
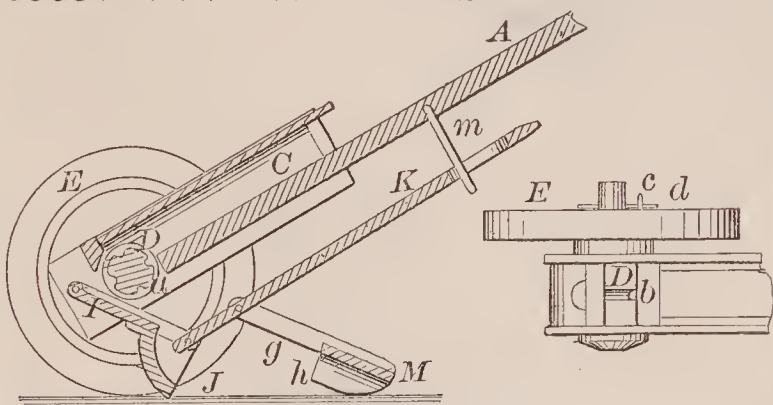
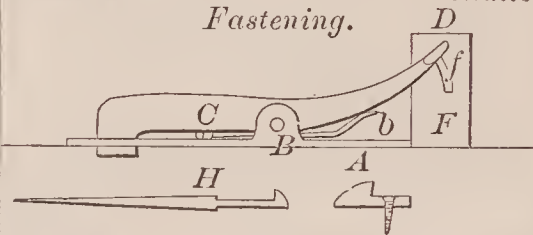
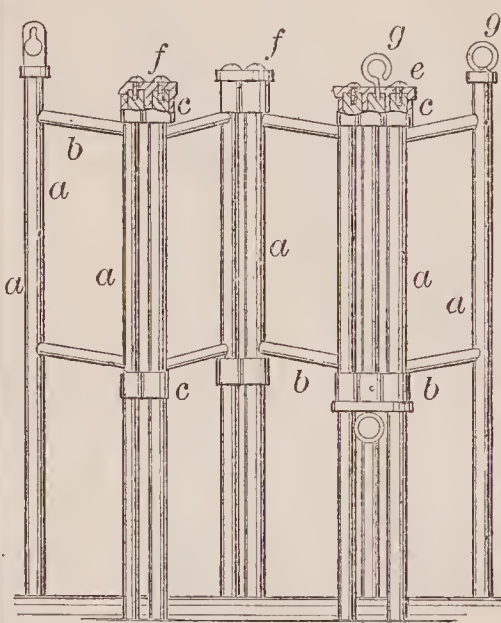
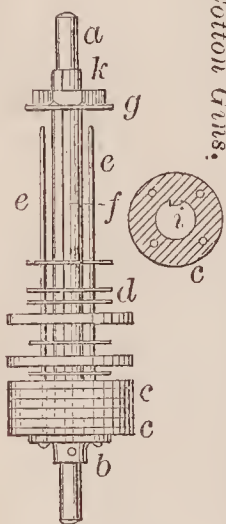
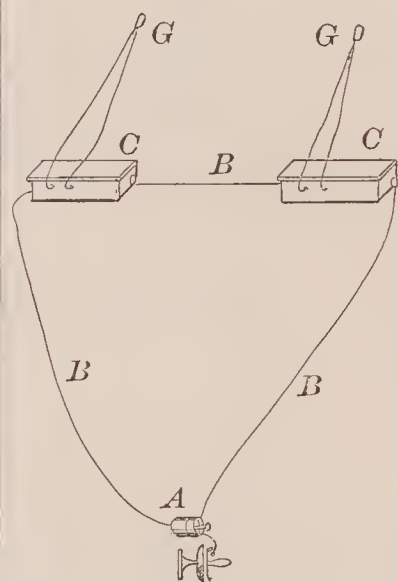
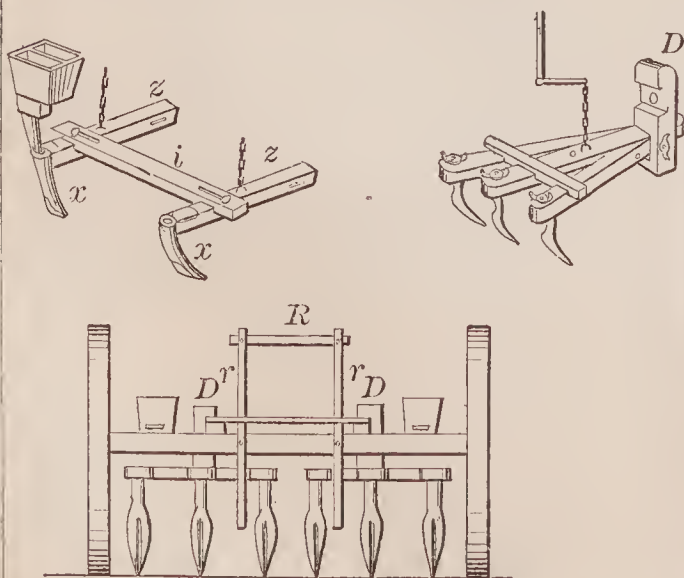
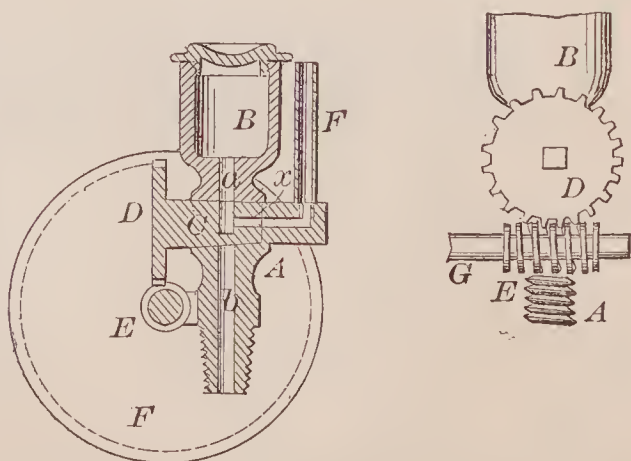
68042—R. A. Cameron—Hemorrhoidian.



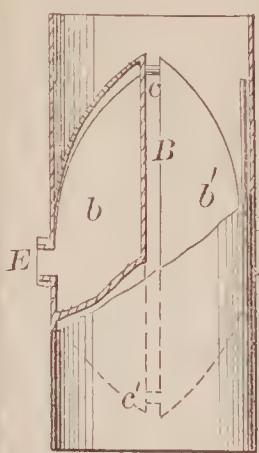
68045—Childs & Copeland—Vapor Burner for Heating.



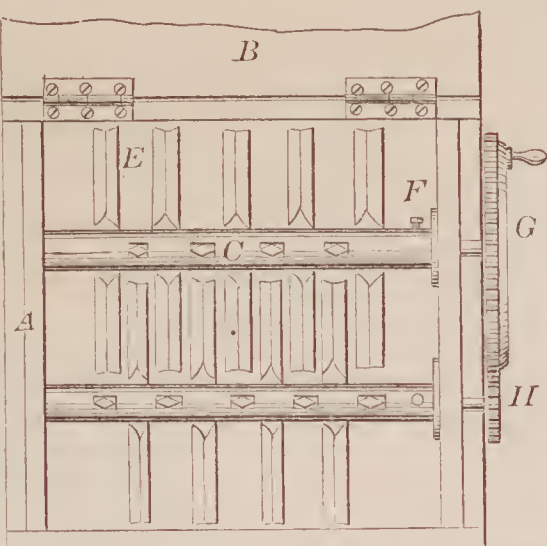
68044—S. Chapman—Kiln for Drying and Preparing Peat.

68046—G. C. Clarke—*Animal Trap.*68049—J. J. Cumming—*Churn Dasher.*68047—E. M. Conkling—*Weeding Hoe.*68050—H. V. Davis—*Hand Seed Planter.*68053—B. K. Dorwart—*Shutter Fastening.*68052—W. Dearborn—*Rubber Roller for Cotton Gins.*68054—J. H. Doughty—*Clothes Dryer.*68055—J. B. Dowse—*For Exploding by Electricity.*68056—R. N. Ely—*Cultivator.*68057—J. G. Edgell—*Lubricator for Shafting.*

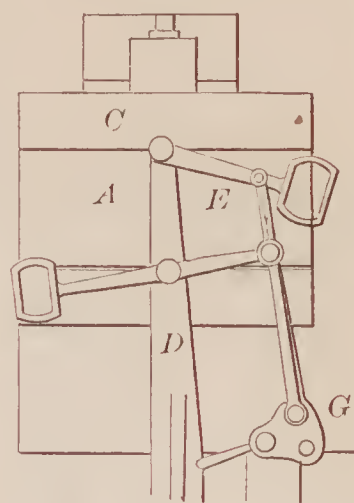
68058—G. B. Field—*Ore Roasting Furnace.*



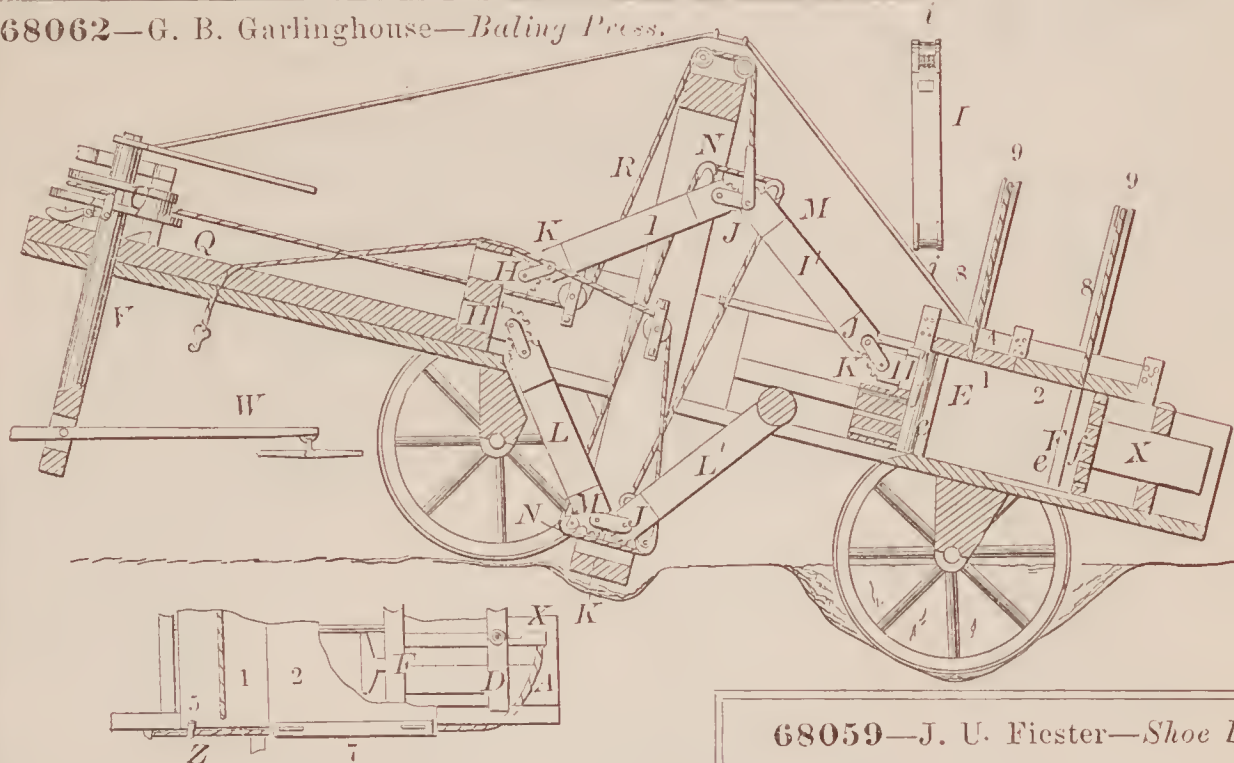
68060—G. W. Fowler—*Churn.*



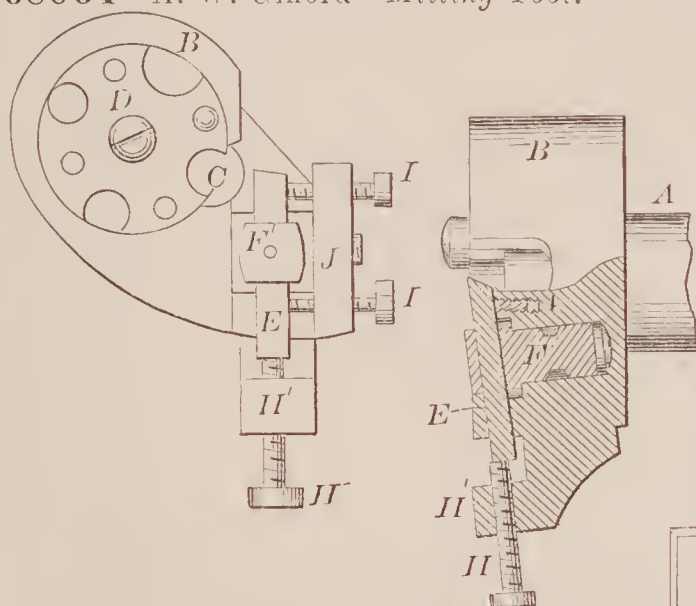
68061—A. M. Freeland—*Belt Shifting Device.*



68062—G. B. Garlinghouse—*Baling Press.*



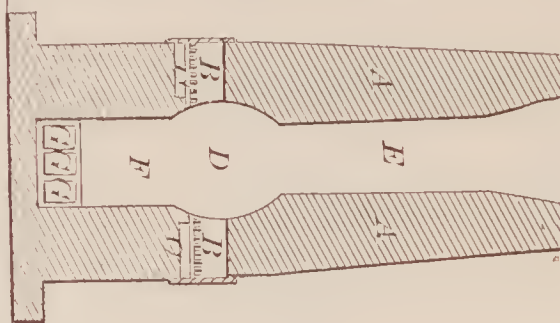
68064—A. W. Gifford—*Milling Tool.*



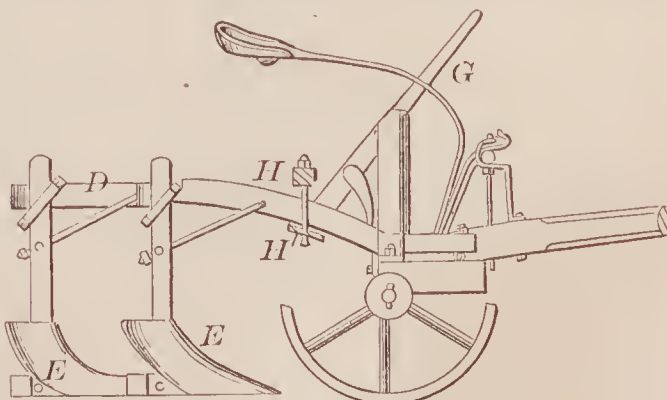
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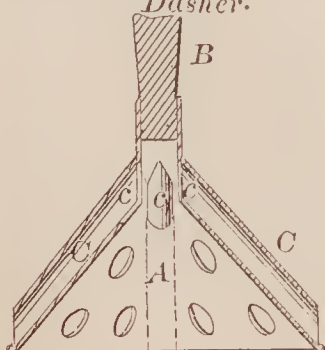
68063—L. Gibbs—*Lime Kiln.*



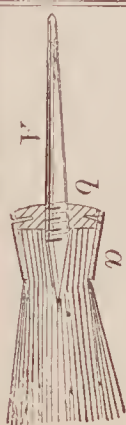
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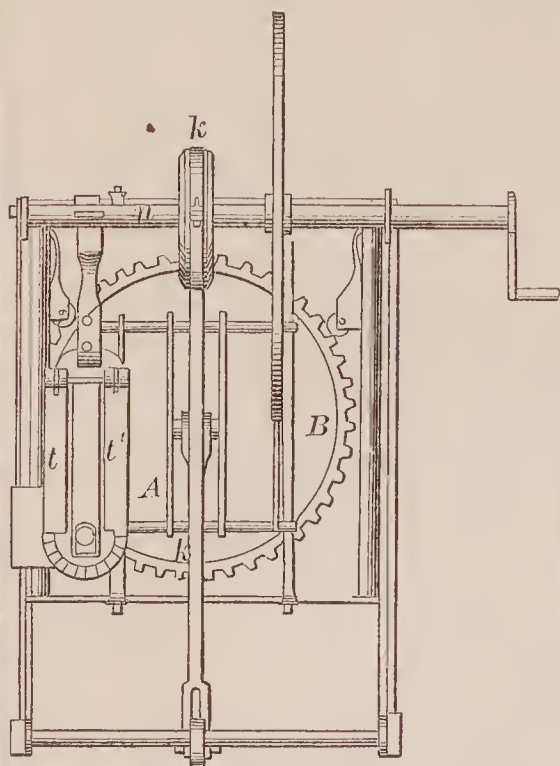
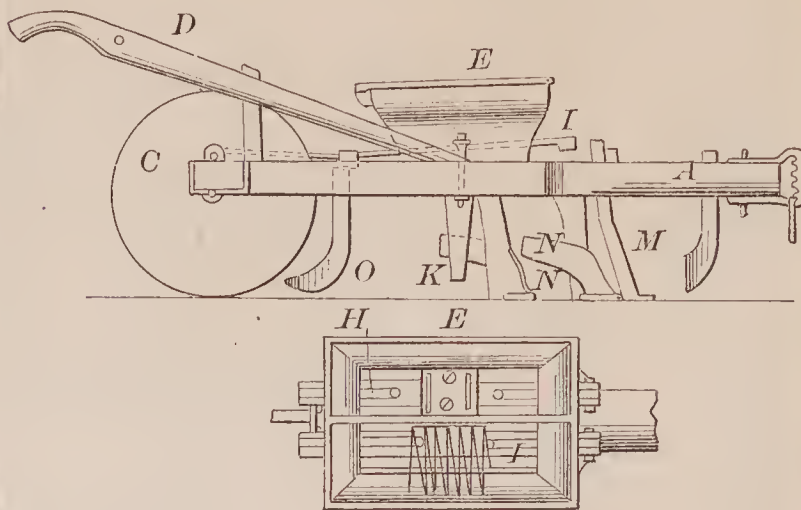
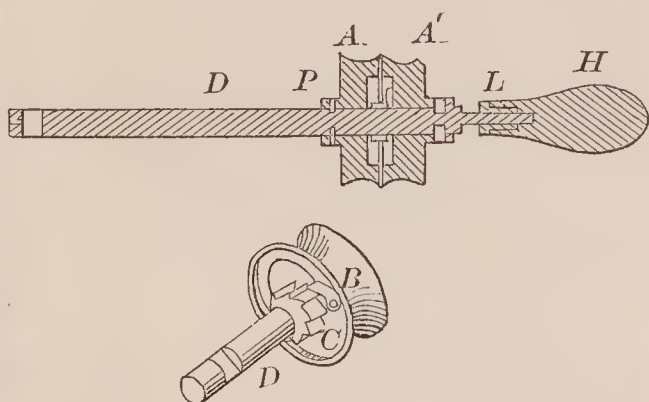
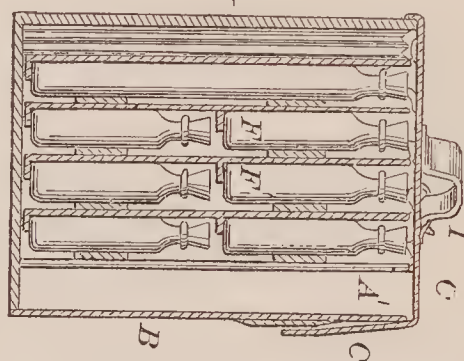
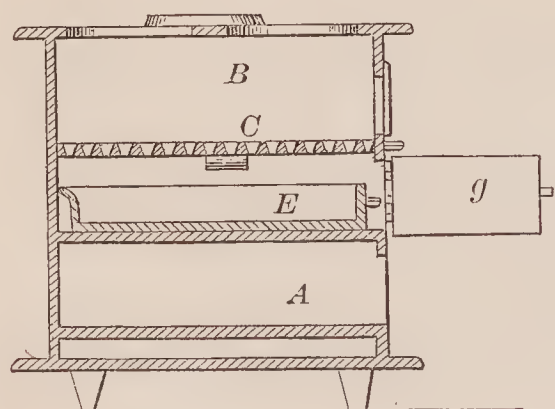
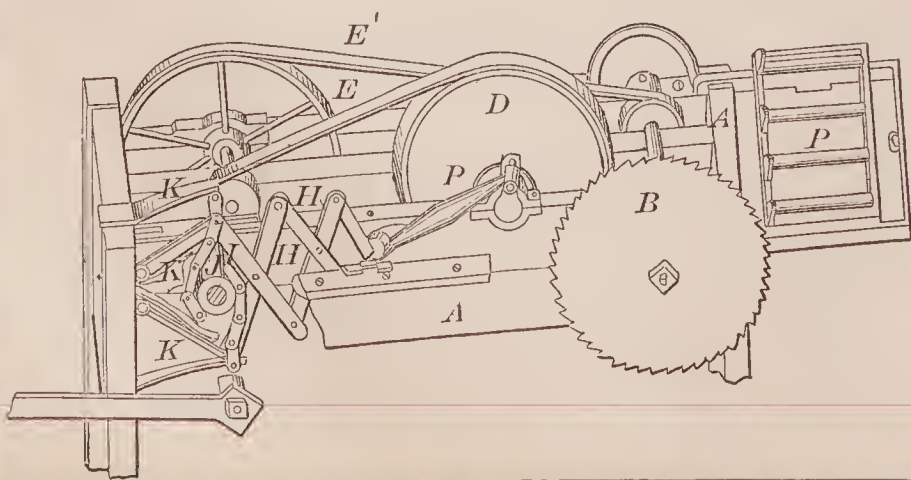
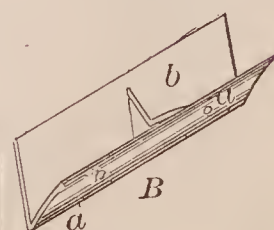
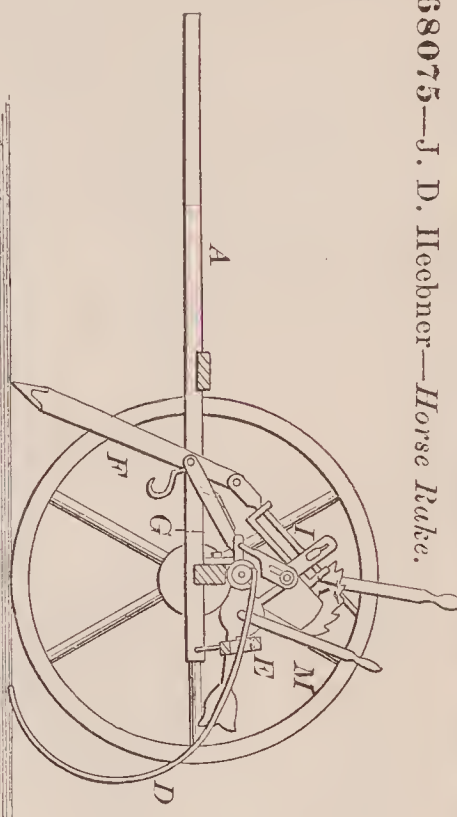


68067—H. Grass—*Churn Dasher.*

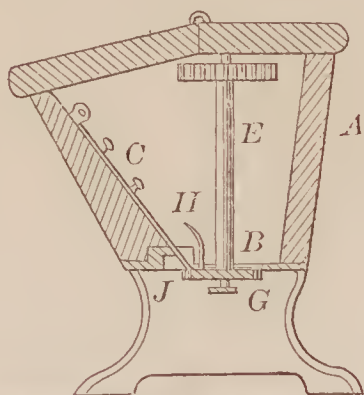


68066—Gillman & Beamish—*Paint Brush.*

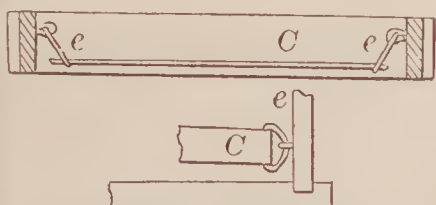


68068—J. C. Haeferle—*Meat Cutter.*68070—S. Harpster—*Corn Planter.*68071—D. F. Hartford—*Bow Drill Stock.*68073—Haynes & Worthington—*Medicine Case.*68072—L. W. Harwood—*Cooking Stove.*68074—E. Healy—*Mechanical Movement for Working Saws, &c.*68076—W. P. Hoffman—*Window Blind.*68075—J. D. Heebner—*Horse Brake.*

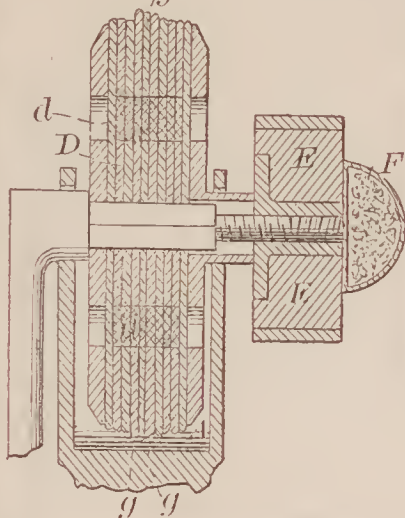
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Distributing Fertilizers.



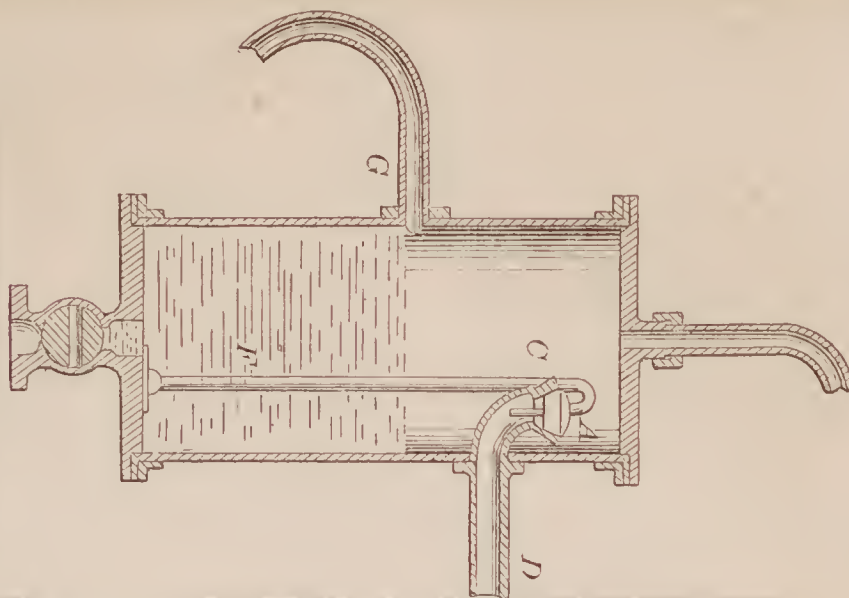
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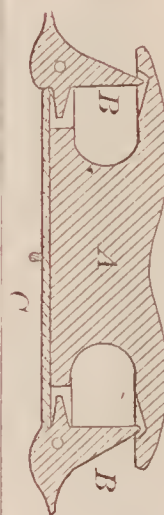
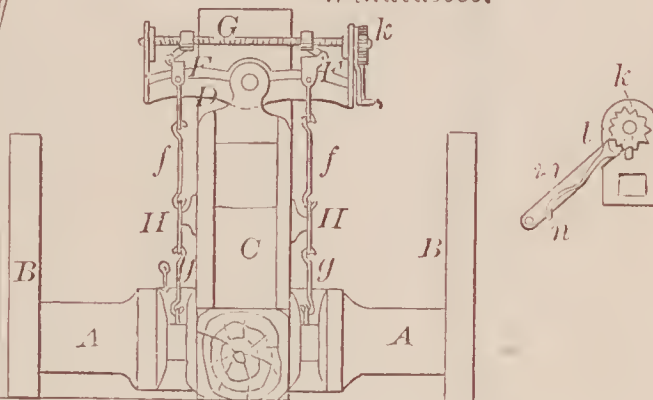
68079—B. F. Hugson—
Knife and Fork Cleaner.



68080—R. S. Hutchinson—Check Valve for Liquid Meters.

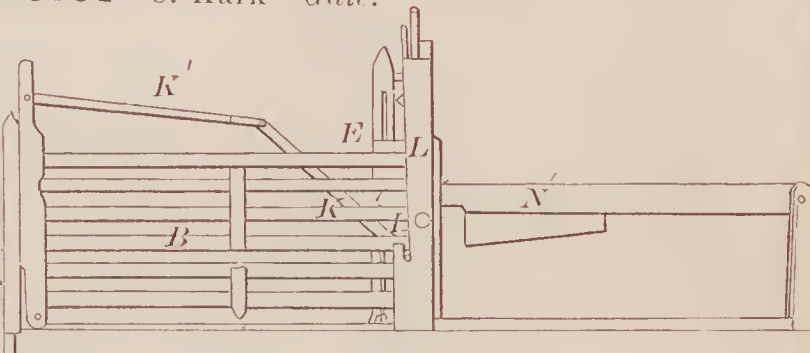


68083—Jameson & Ripley—Lever for
Windlasses.

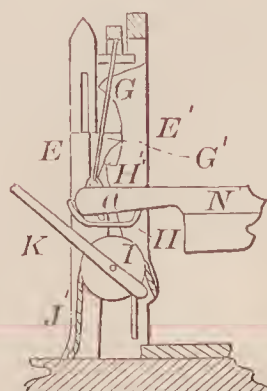
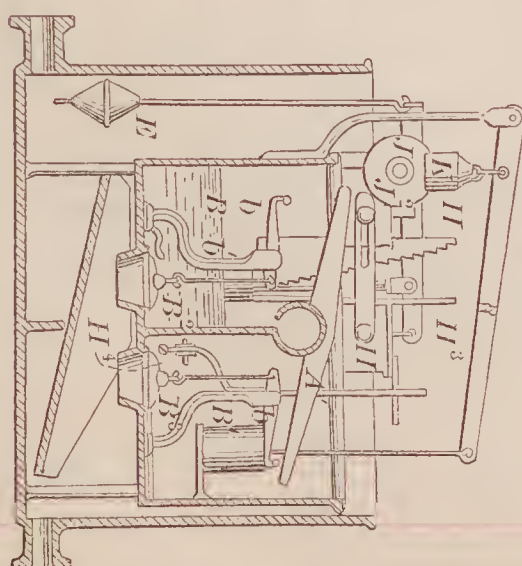
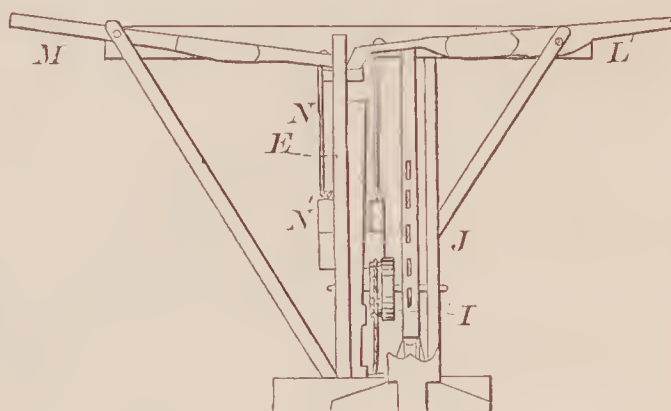
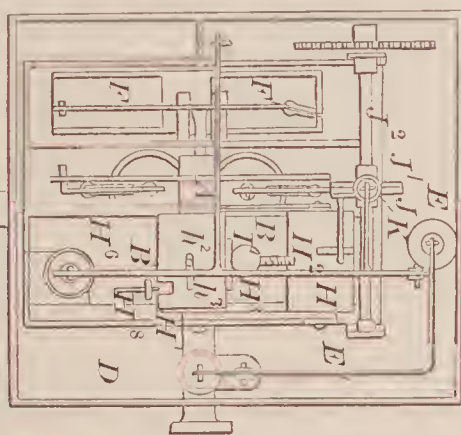


68082—J. P. R. James—
Hand Catch.

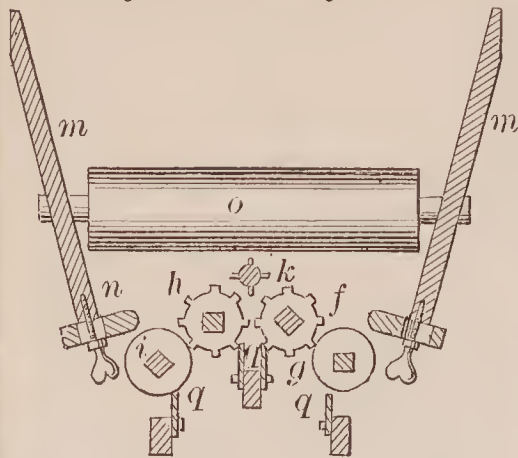
68084—C. Kark—Gate.



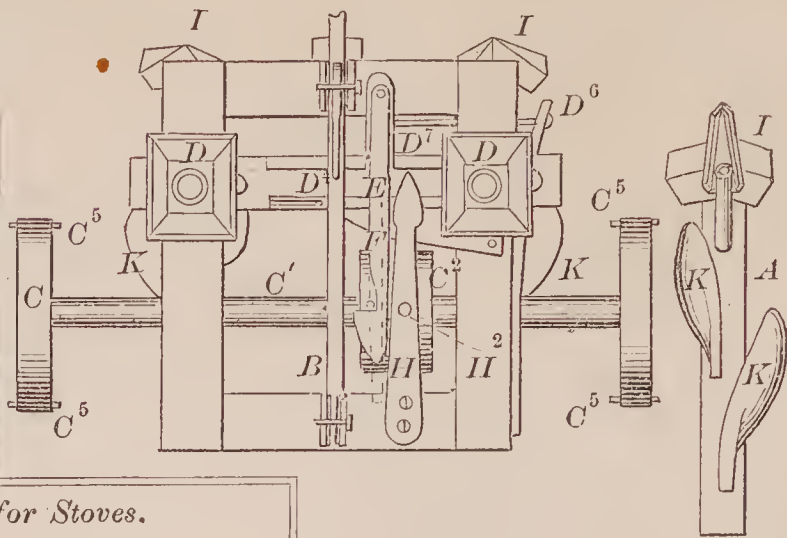
68081—E. S. Hutchinson—Liquid and Spirit Meter.



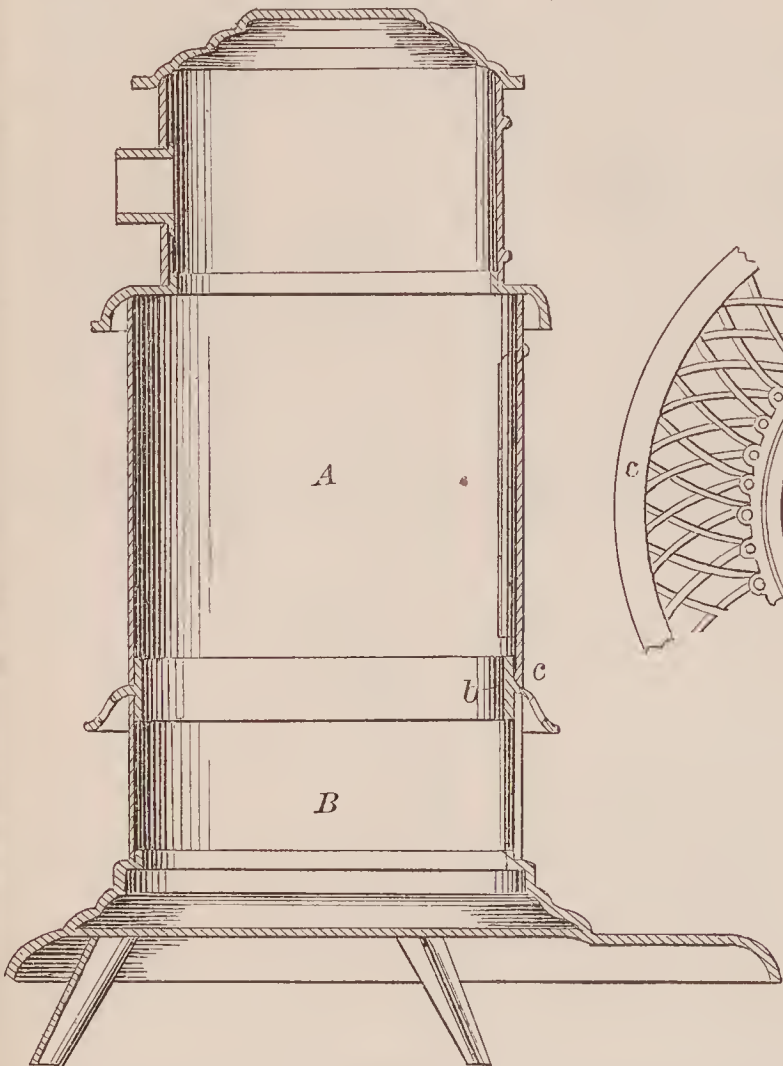
68085—S. R. Kenyon—For Picking and Husking Corn.



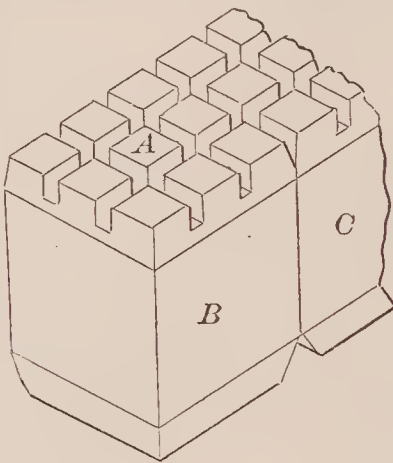
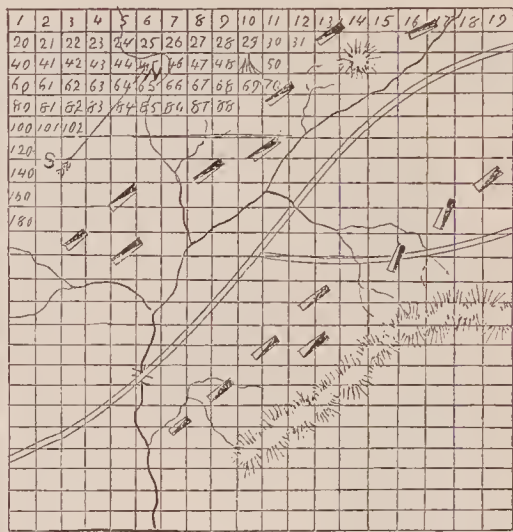
68091—L. Larchar—Corn Planter



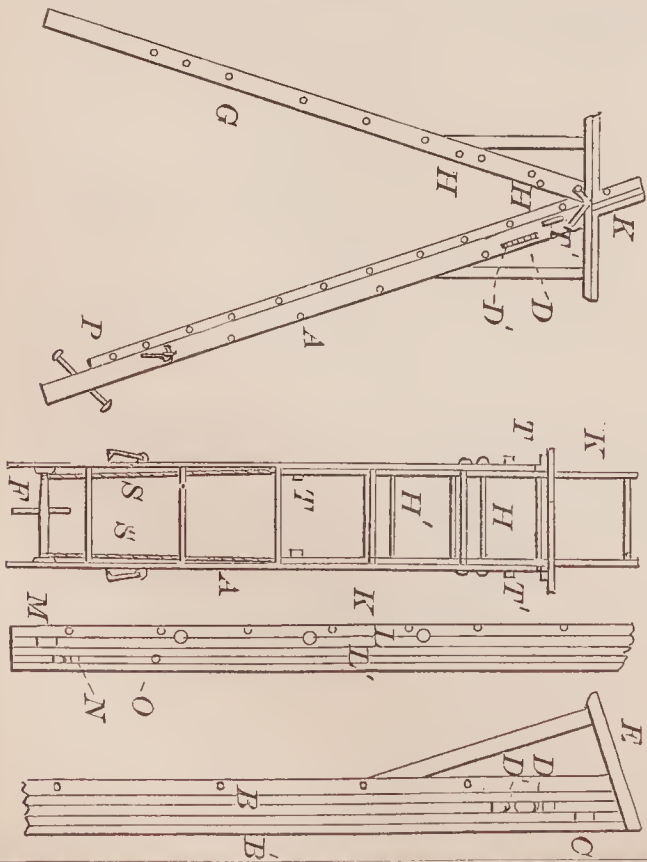
68086—J. H. Keyser—Foot Rest for Stoves.



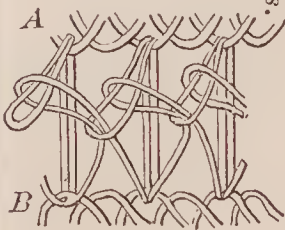
68088—T. W. Knox—Transmitting Plans of Battle Fields by Telegraph.



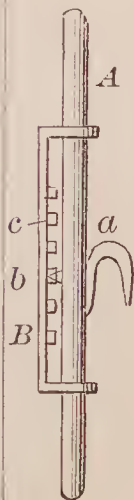
68089—P. Koch—Wooden Pavement.



68090—C. J. Komar—Step and Extension Ladder.

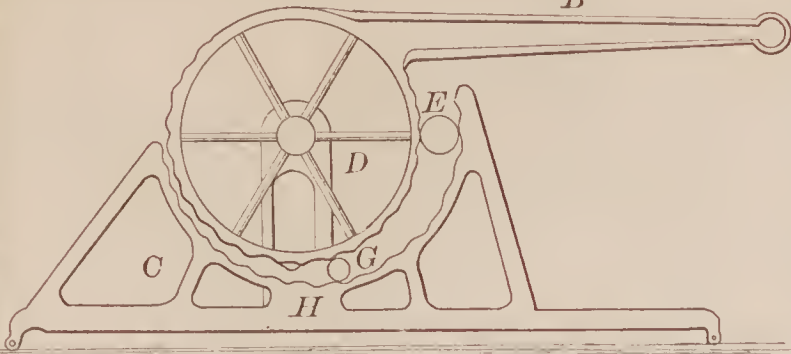


68087—E. E. Kilbourn—Uniting Edges of Hosiery Goods.

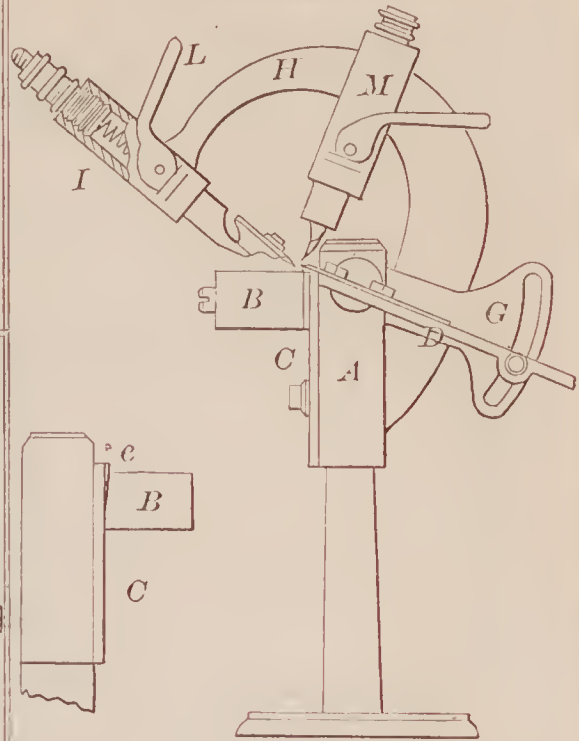


68092—T. C. Lippincott—Cord Tightener.

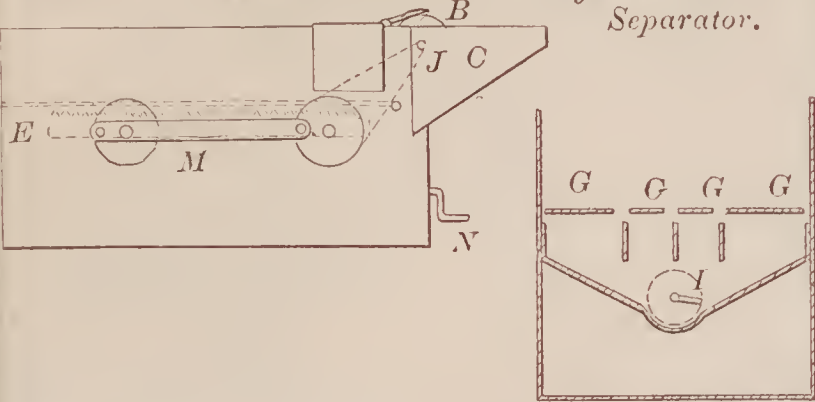
68093—C. L. Lochman—*Cork Press.*



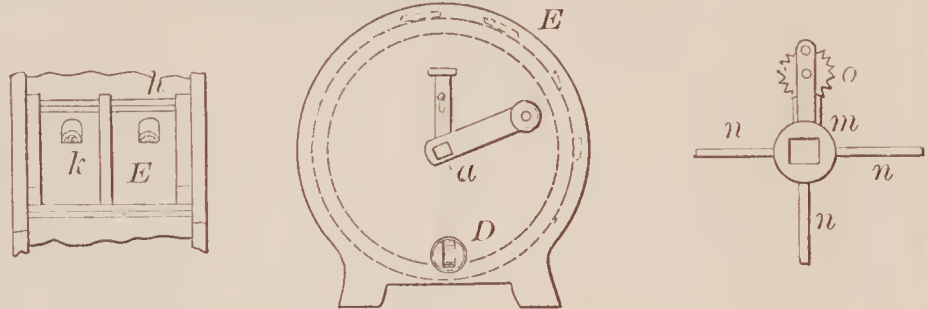
68094—I. Manning—*Channeling and Beveling Machine.*



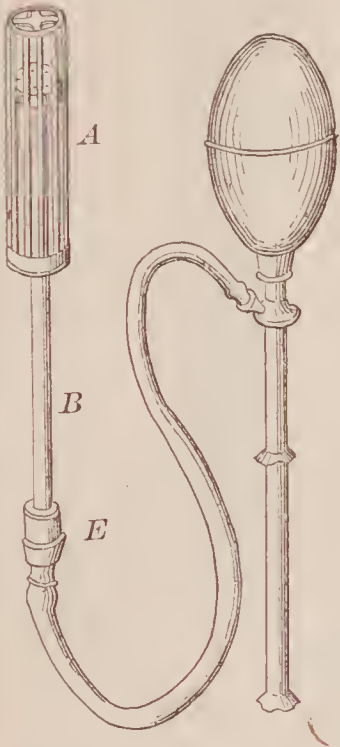
68095—H. W. Matthews—*Threshing Machine and Separator.*



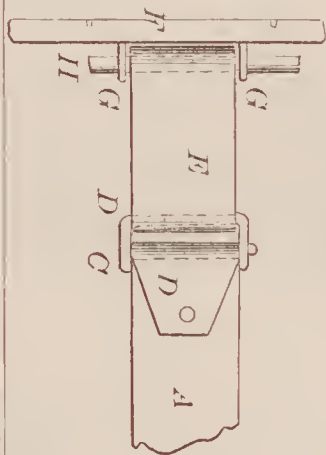
68097—J. McKenzie—*Churn.*



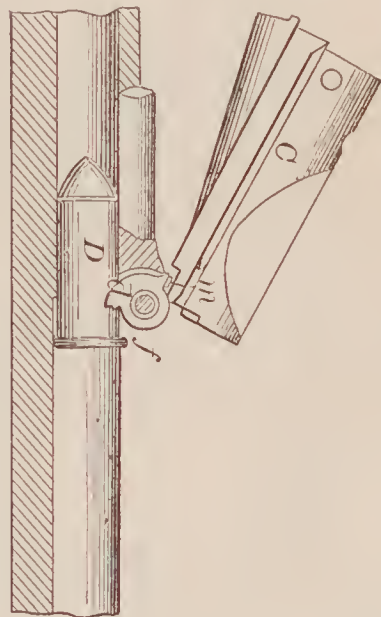
68096—M. Mattson—*Vaginal Irrigator.*



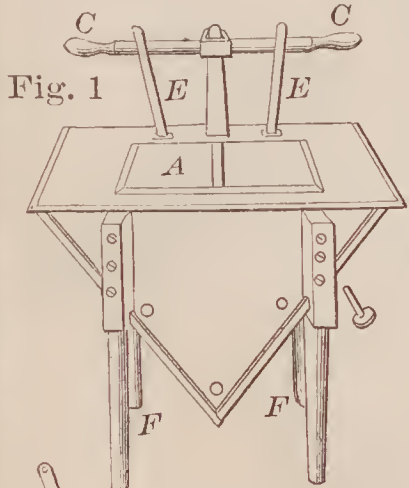
68098—E. D. Merriam—*Bed Bottom Spring.*



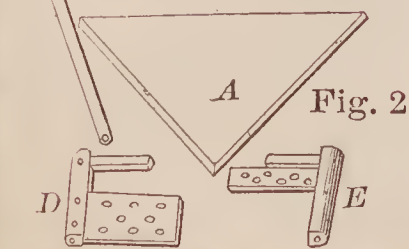
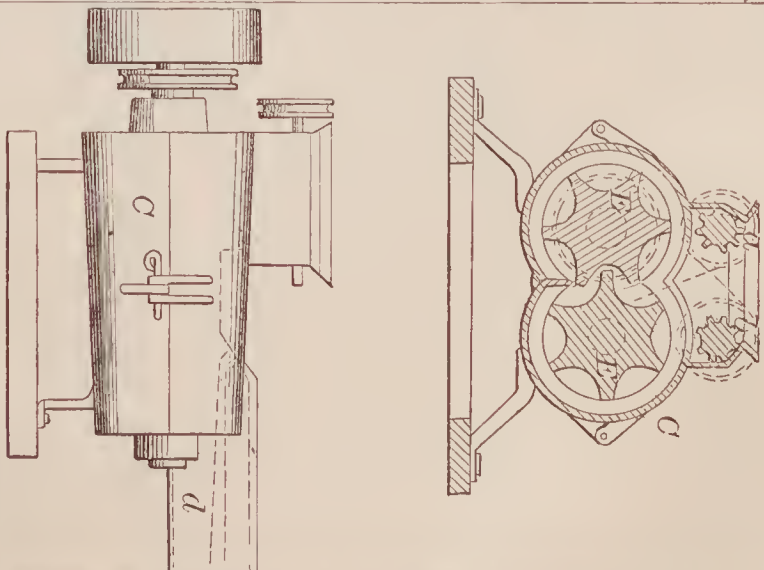
68099—W. H. & G. W. Miller—*Cartridge Ejector for Breech-Loading Fire Arms.*



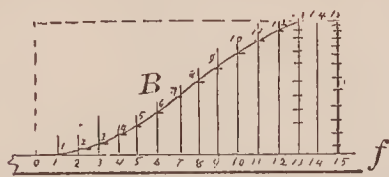
68100—M. B. Mills—*Churn.*



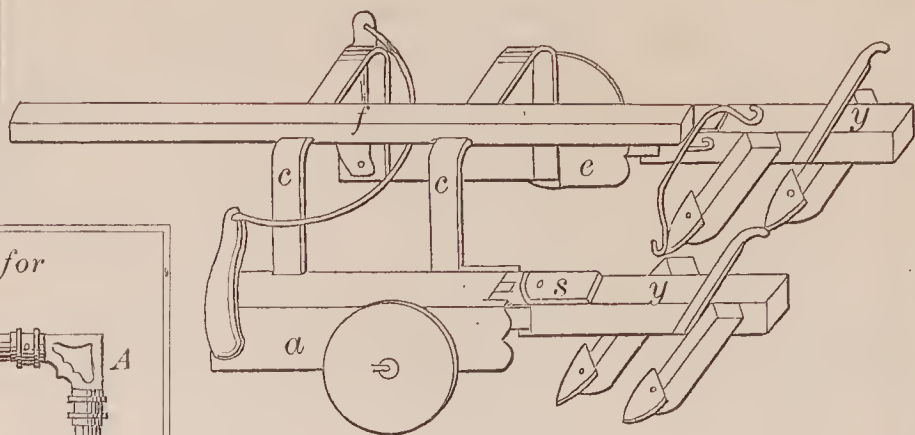
68101—S. Mills—*For Grinding Feed.*



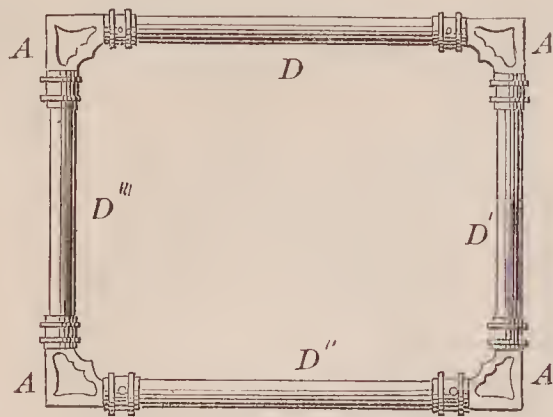
68102—G. Moore—*Plow.*



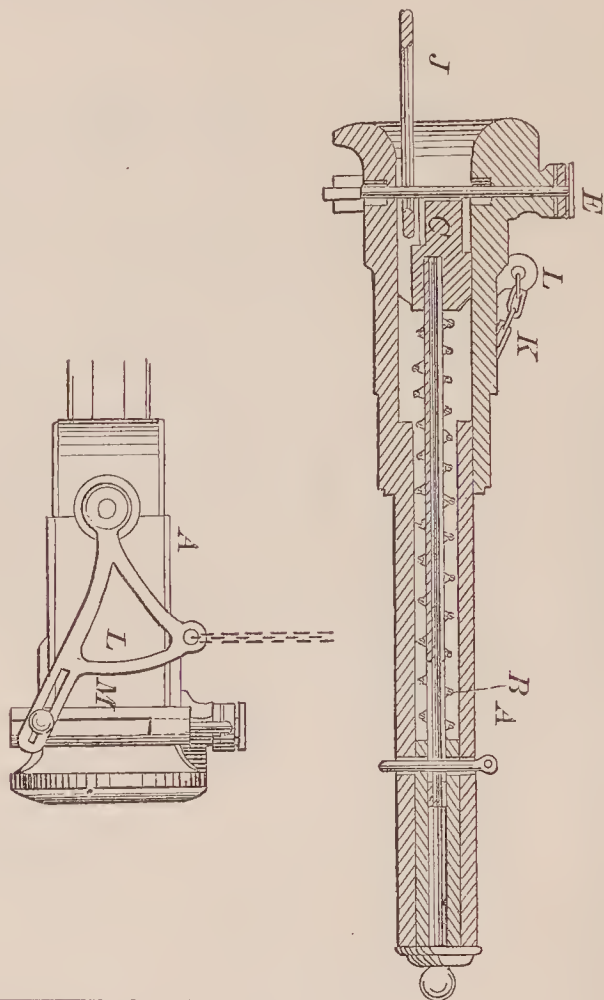
68104—E. Newlon—*Cultivator.*



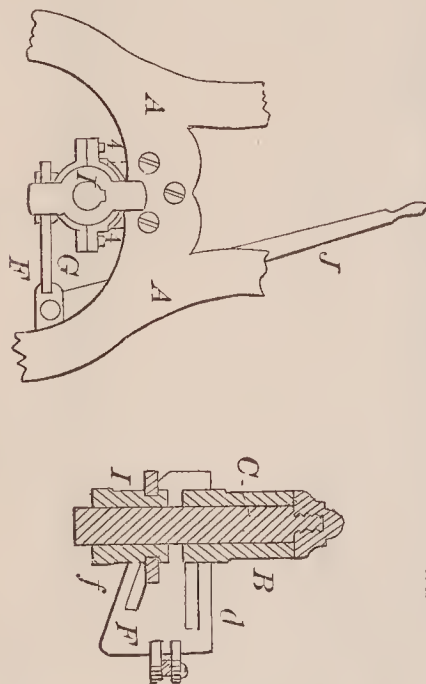
68103—W. H. Nash—*Frame for Window Screens.*



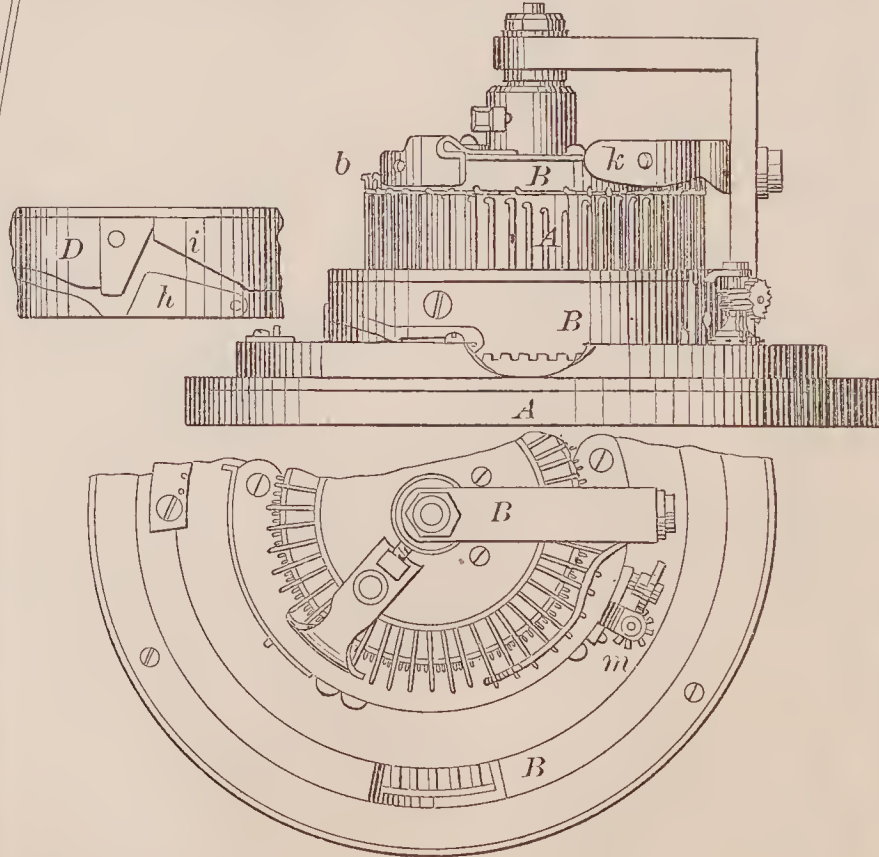
68105—G. W. Noyes—*Car Coupling.*



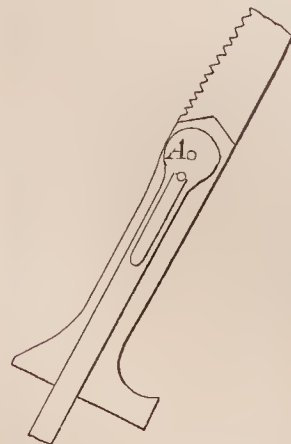
68108—F. J. Plummer—*Clutch Shipper.*



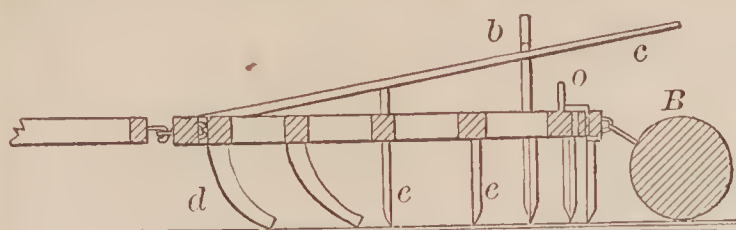
68107—J. Pepper—*Knitting Machine.*



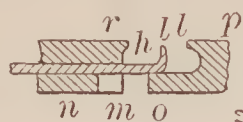
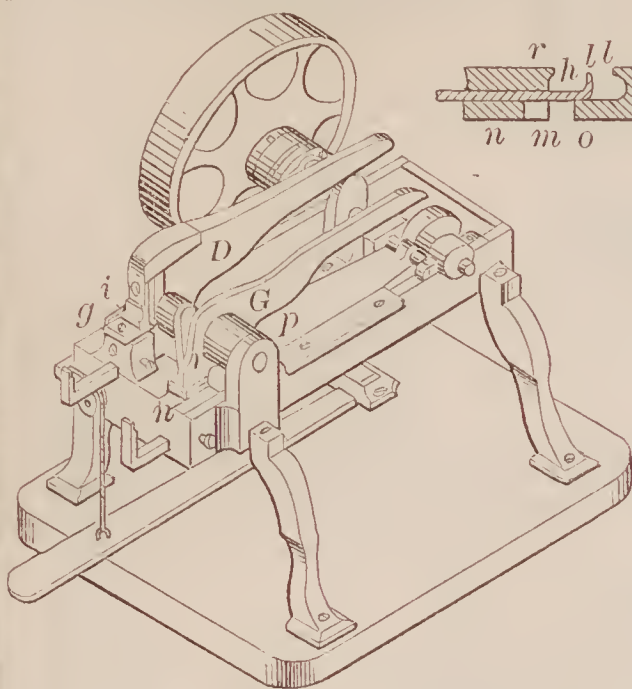
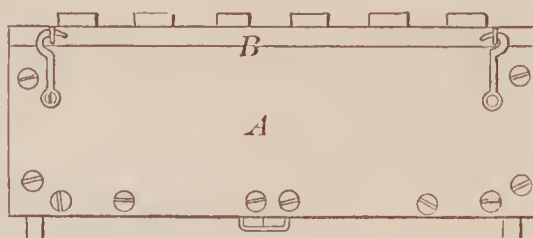
68109—R. W. Porter—*Pruning Knife, Hook and Saw.*



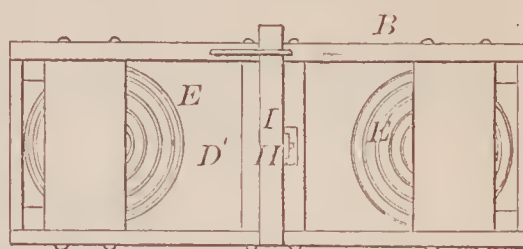
68110—J. Prutzman—*For Pulverizing the Earth.*



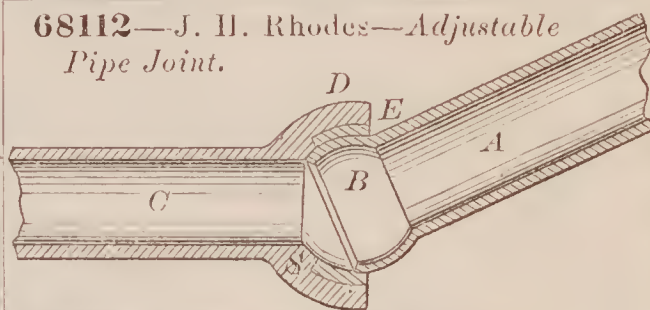
68111—J. C. Ramsey—*Feeding Rack for Stock.*



68113—W. T. Richards—*Making the Eye of Elliptic Springs.*



68112—J. H. Rhodes—*Adjustable Pipe Joint.*



68116—F. L. Roux—*Sheathing of Ships' Bottoms.*

Fig. 21

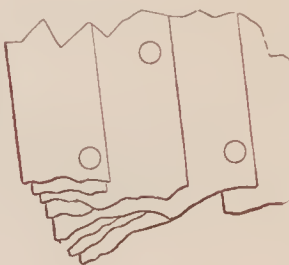


Fig. 22

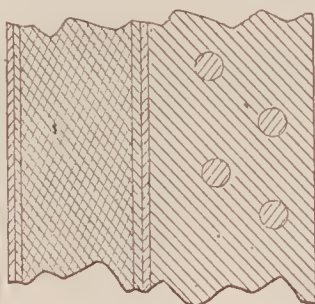


Fig. 23

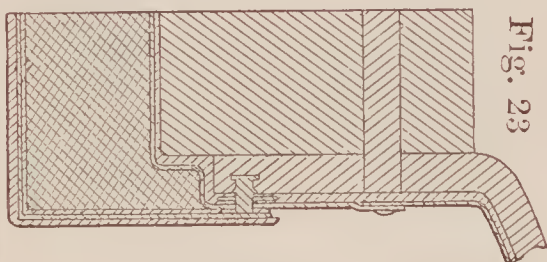
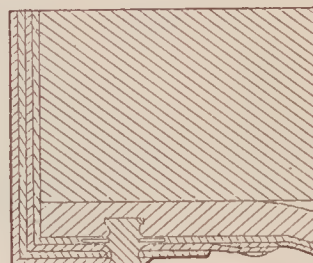
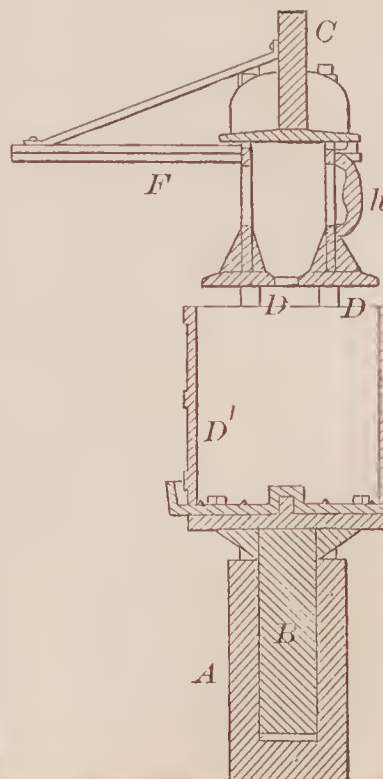


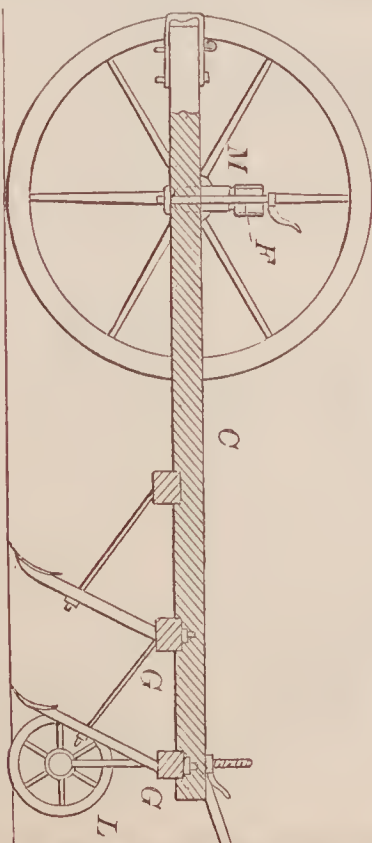
Fig. 20



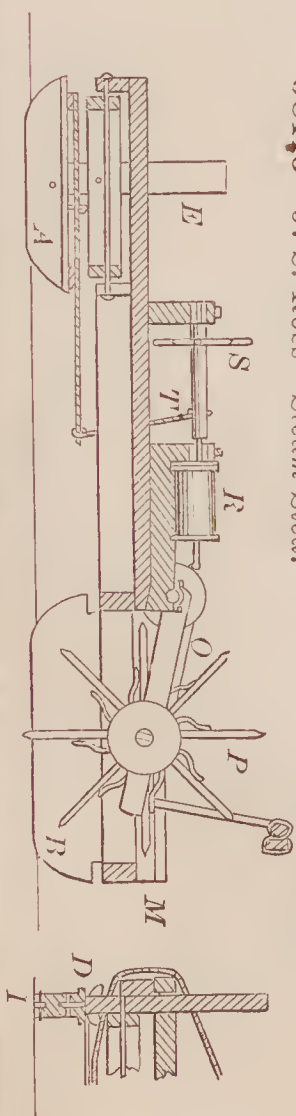
68117—C. E. Rymer—*Press.*

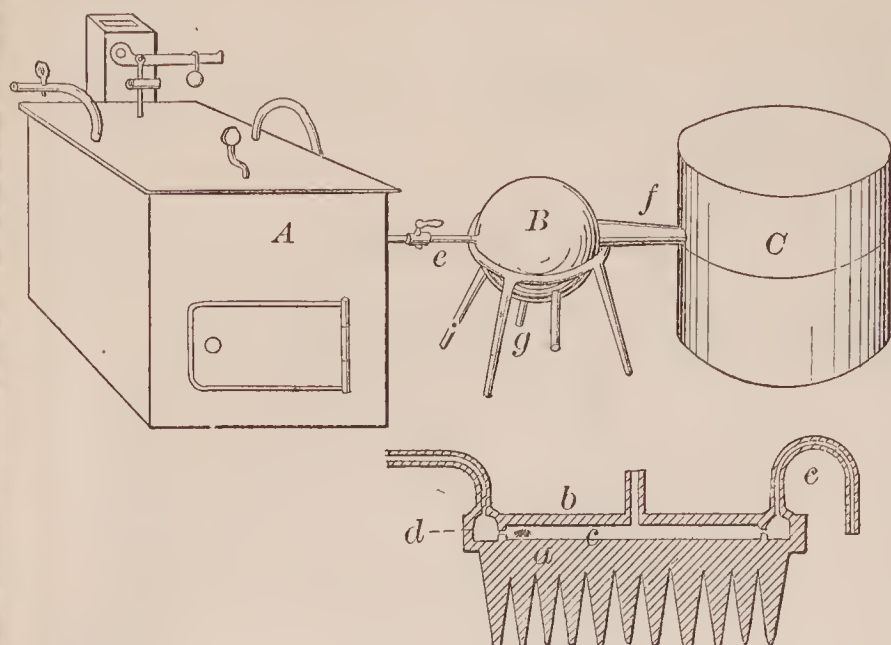
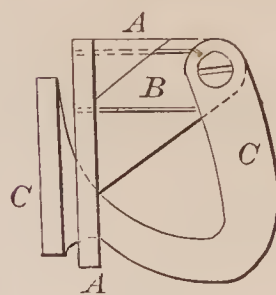
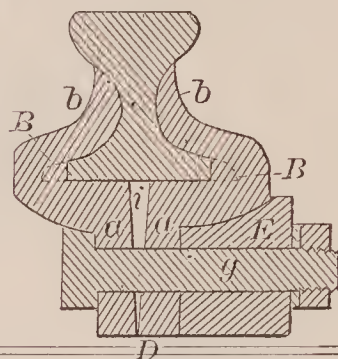
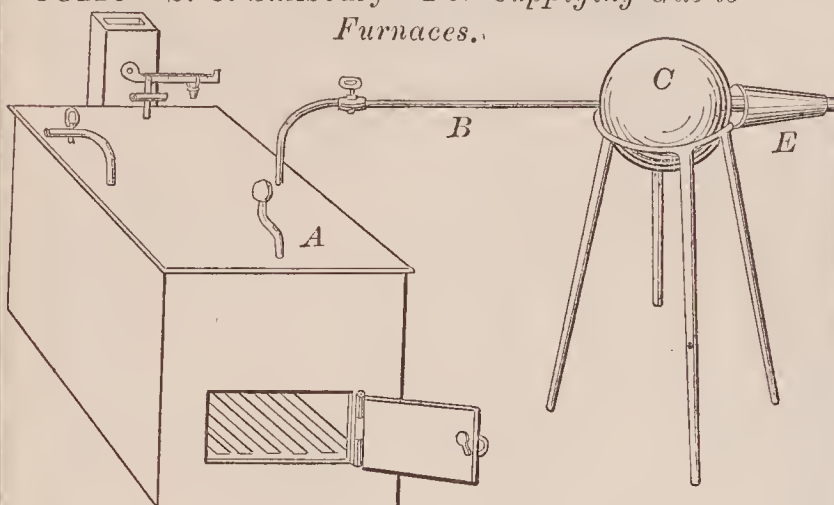
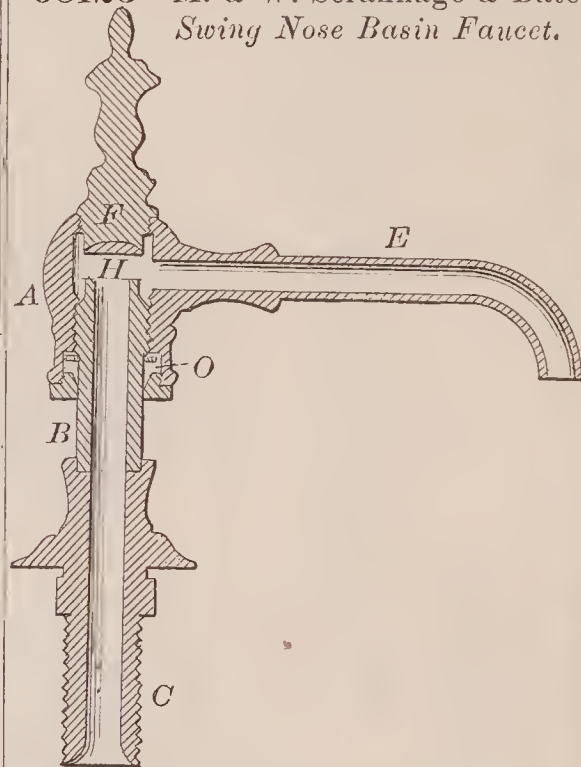
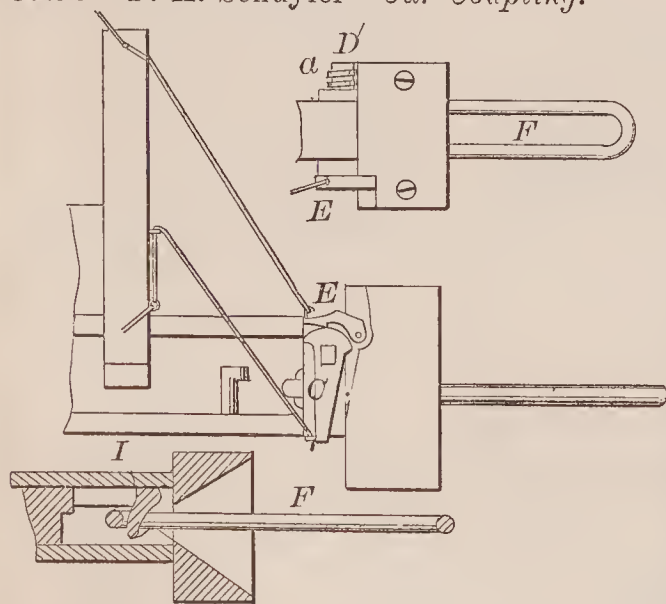
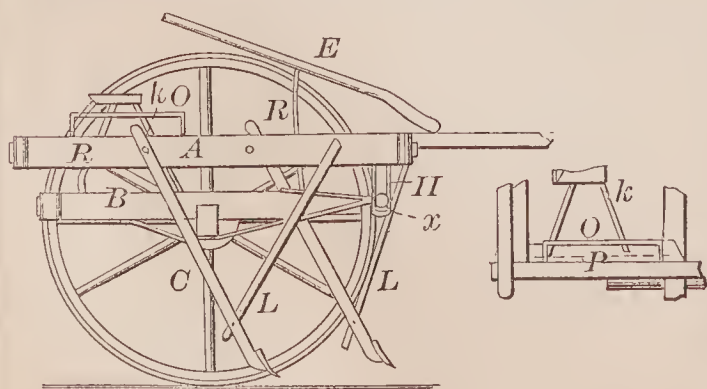
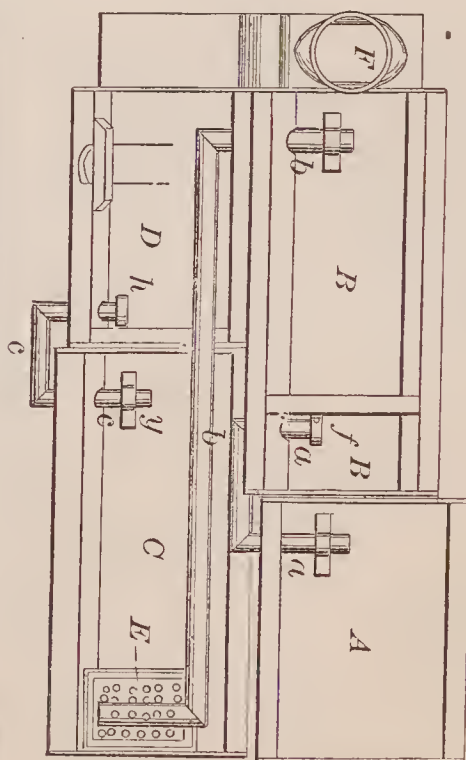


68114—Roman & Peterka—*Plow and Cultivator.*

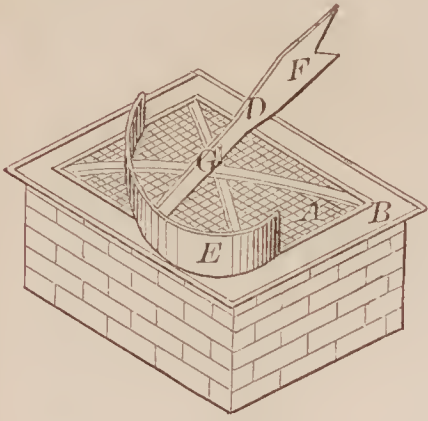


68115—J. S. Ross—*Steam Sled.*

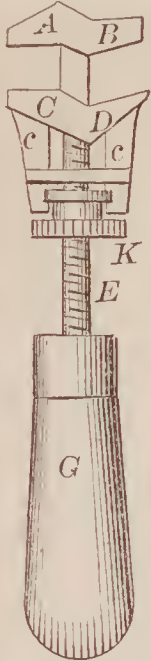
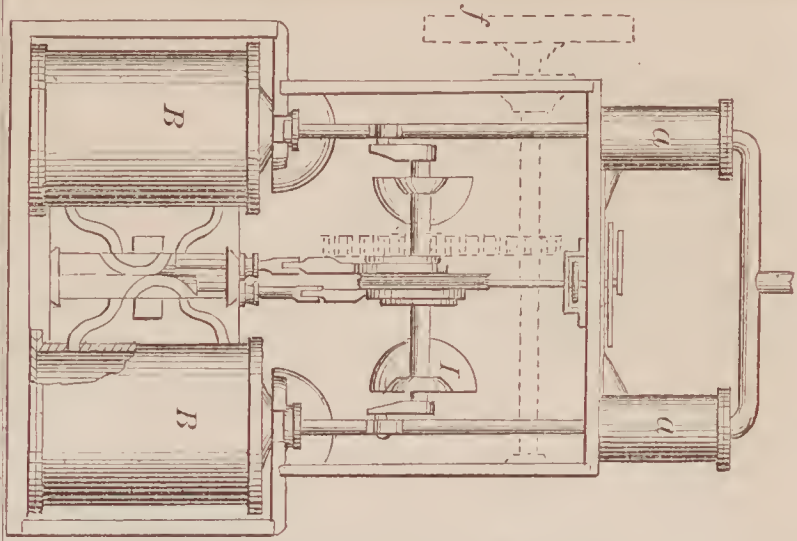


68118—S. C. Salisbury—*Converting Iron and Steel.*68121—C. E. Schwind—*Carriage Hinge.*68122—B. Seott—*Railroad Rail Joint.*68119—S. C. Salisbury—*For Supplying Gas to Furnaces.*68123—M. & W. Scrannage & Bate—*Swing Nose Basin Faucet.*68120—P. H. Schuyler—*Car Coupling.*68124—W. A. Sisson—*Wheel Cultivator.*68125—A. B. Smith—*Sorghum Sugar Evaporator.*

68126—J. Snively—Chimney Top.

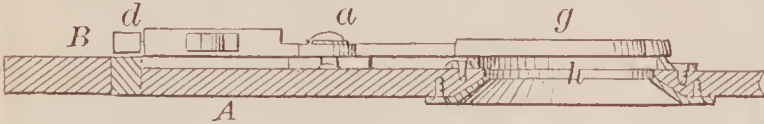


68127—E. Spencer—Water Meter and Force Pump.

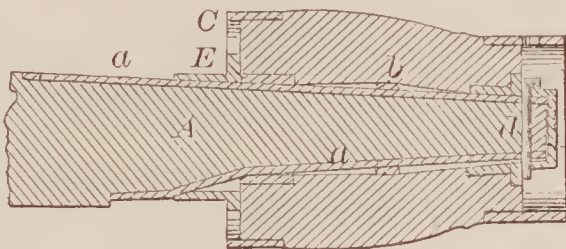


68128—J. A. Talpey—Wrench.

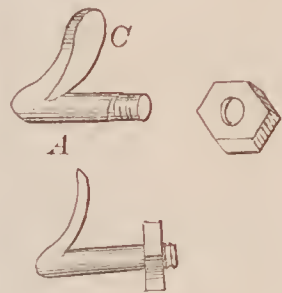
68129—H. K. Taylor—Indicator for Water Closets.



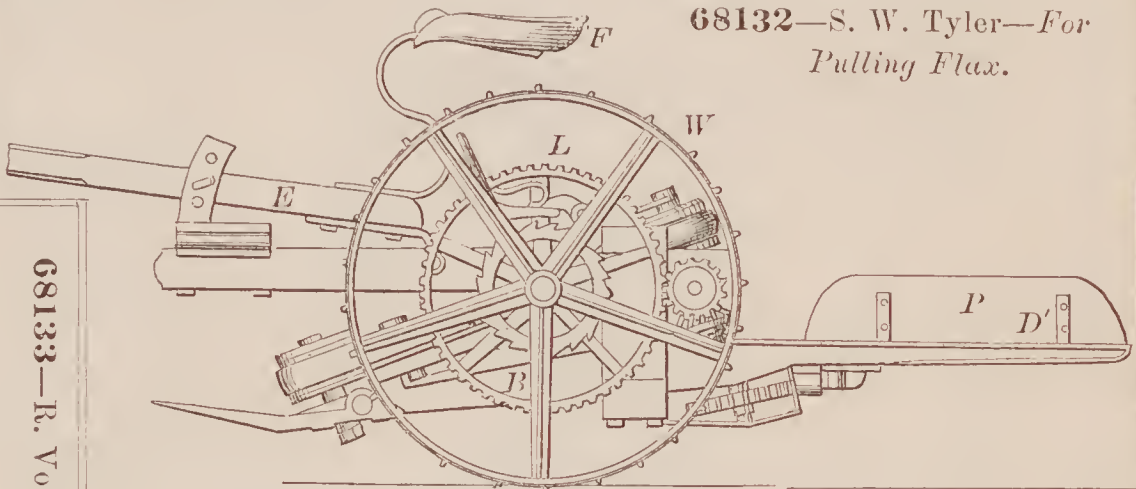
68130—H. T. Tichenor—Axe.



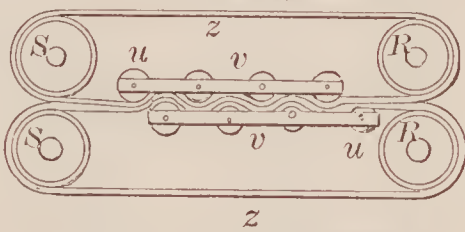
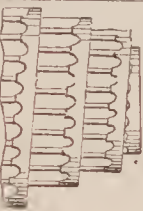
68131—M. G. Tousley—Snout Ring for Swine.



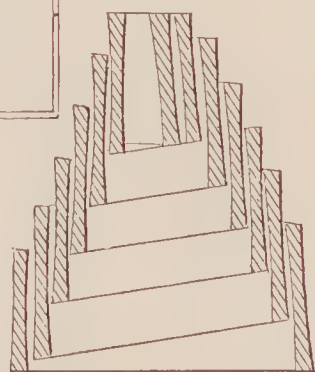
68132—S. W. Tyler—For Pulling Flax.



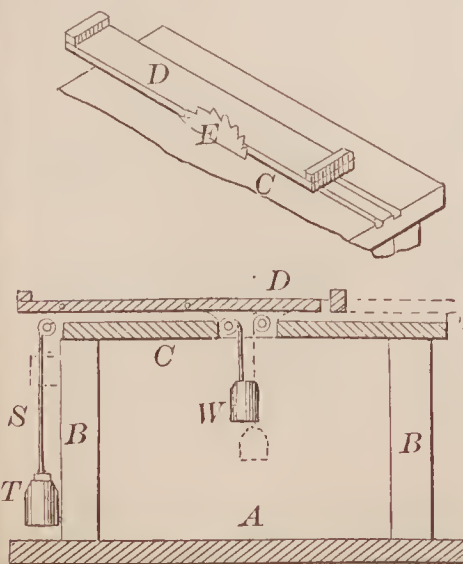
68133—R. Vose—Car Spring.



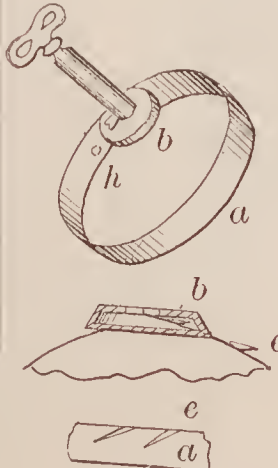
68134—R. Vose—Car Spring.



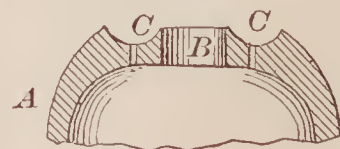
68137—R. V. Whiting—Circular Sawing Machine.

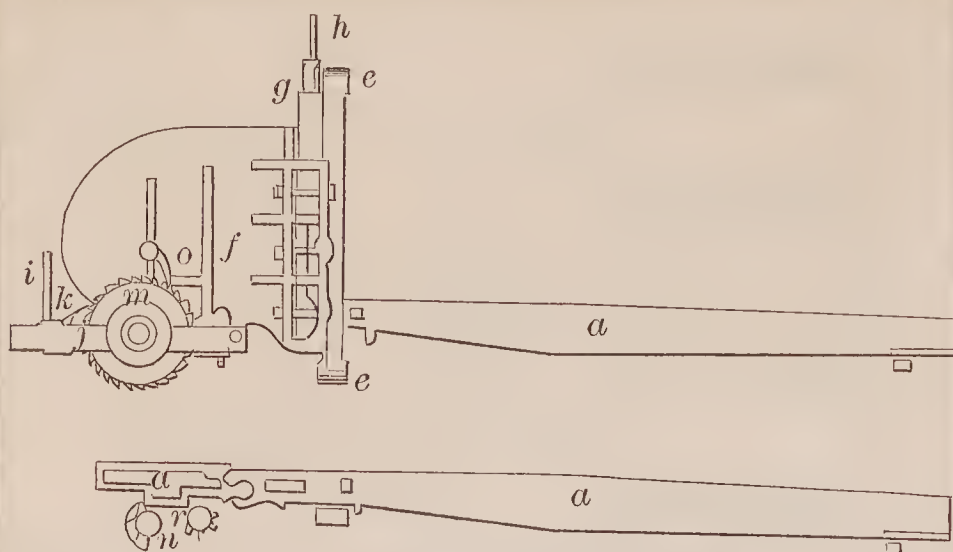
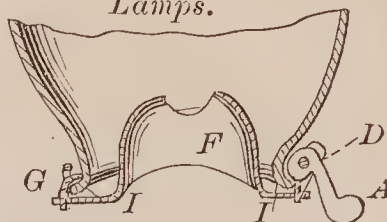
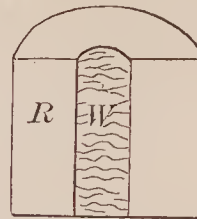
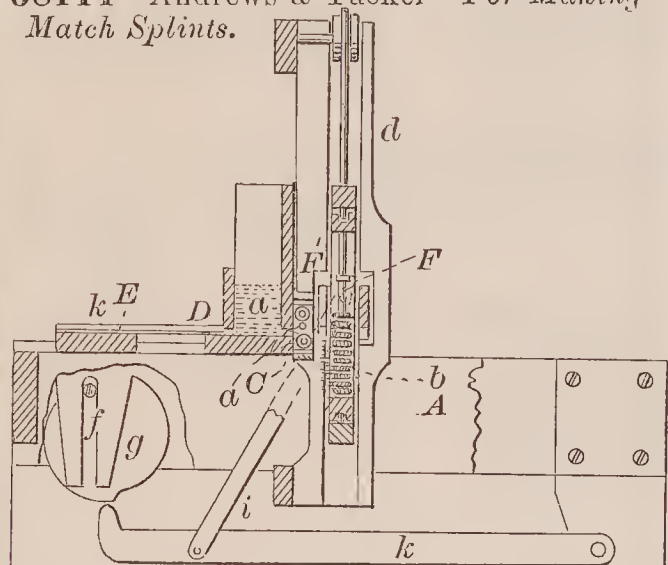
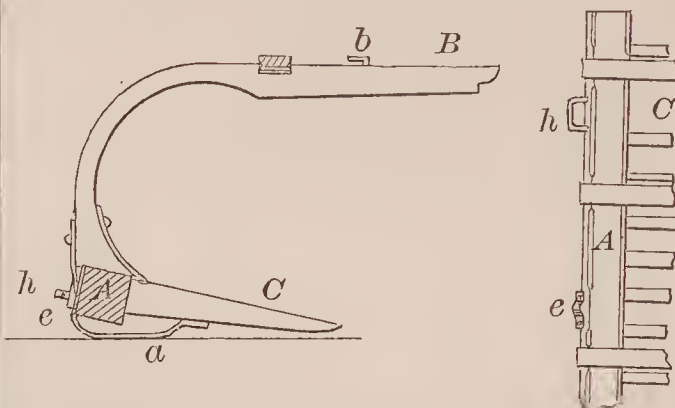
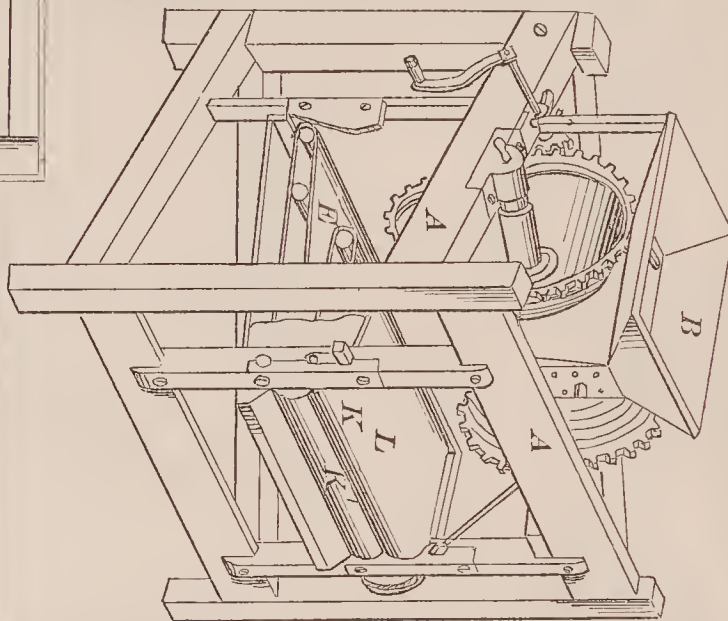
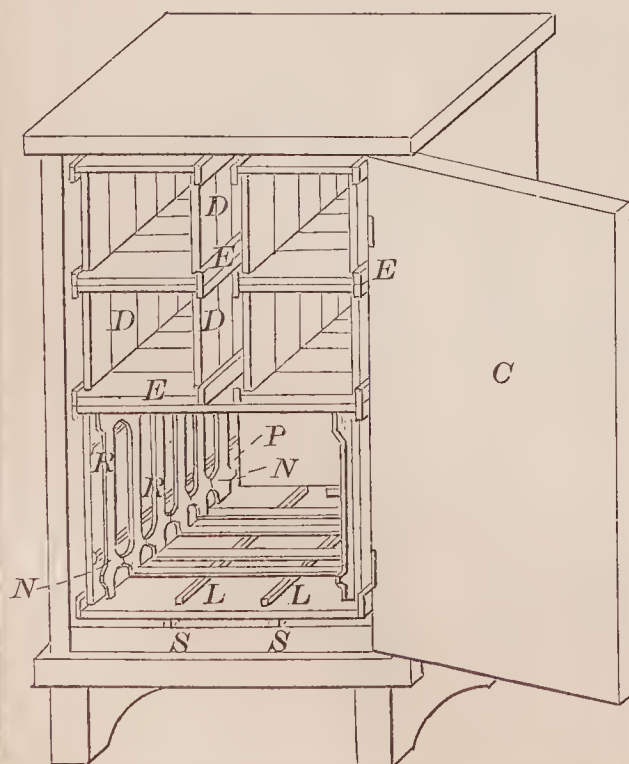
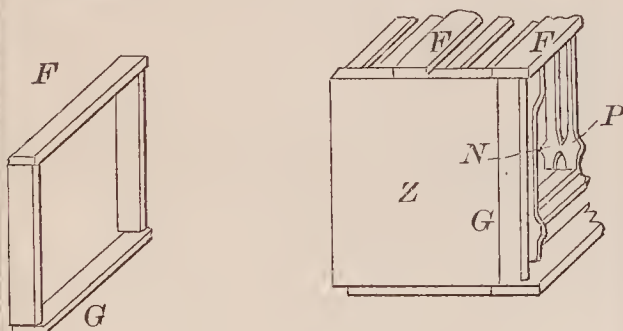
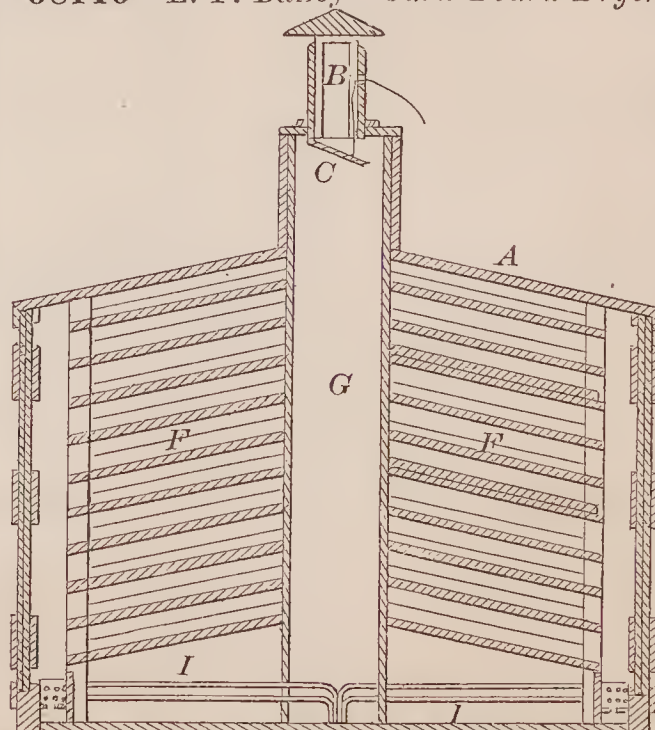


68138—A. H. Whitney—Lock Clasp for Umbrellas.

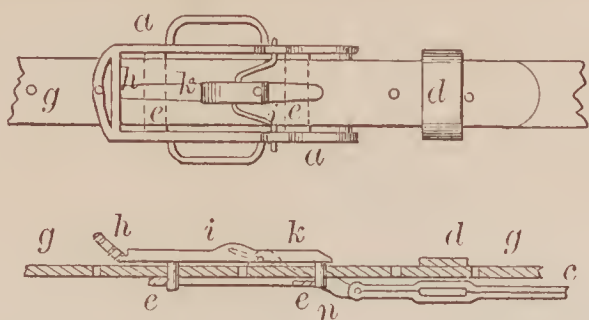


68136—H. Weston—Lamp.

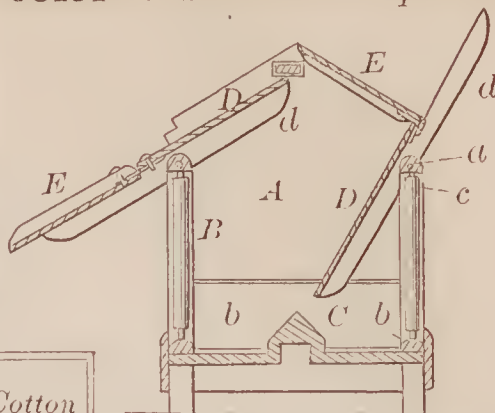


86139—Wilson & Smith—*Furnace Grate.*68142—J. B. Alexander—*For Attaching Chimneys to Lamps.*86143—T. F. Allyn—*Car Spring.*68144—Andrews & Tucker—*For Making Match Splints.*68140—J. Zimmerman—*Horse Rake.*68145—R. C. Archibald—*Cider Mill.*86141—D. L. Adair—*Beehive.*68146—E. F. Bailey—*Card Board Dryer.*

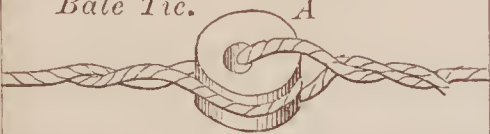
68147—R. J. Baker—Trace Buckle.



68151—J. S. Beals—Sheep Rack.



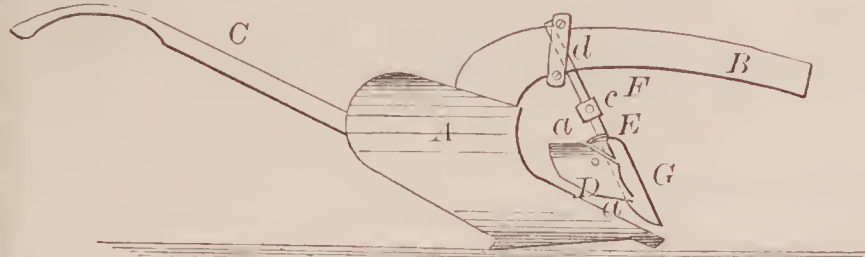
68149—A. Barbarin—Bale Tie.



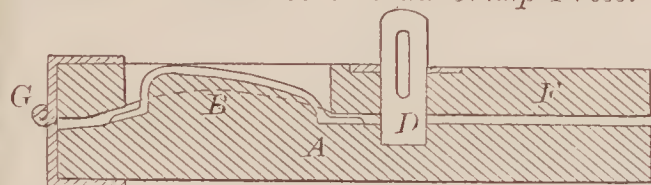
68148—A. Barbarin—Cotton Bale Tie.



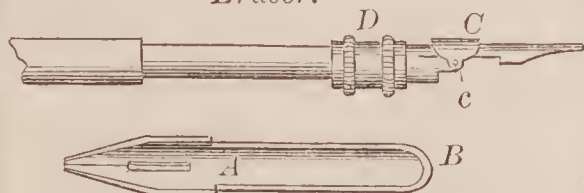
68152—J. S. Beals—Plow.



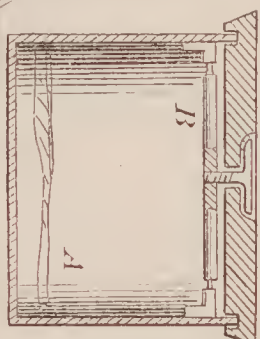
68156—H. H. Beers—Pad Crimp Press.



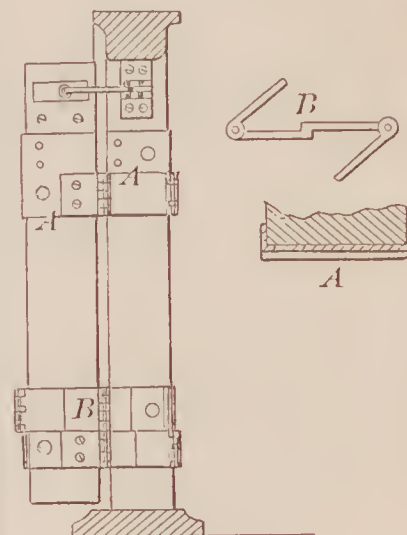
68153—W. F. Beaton—Pen and Eraser.



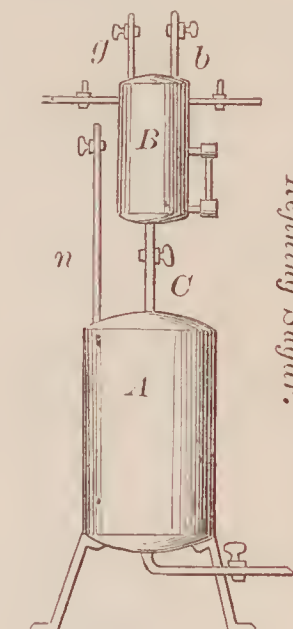
68158—G. W. Bennett—Paint Can.



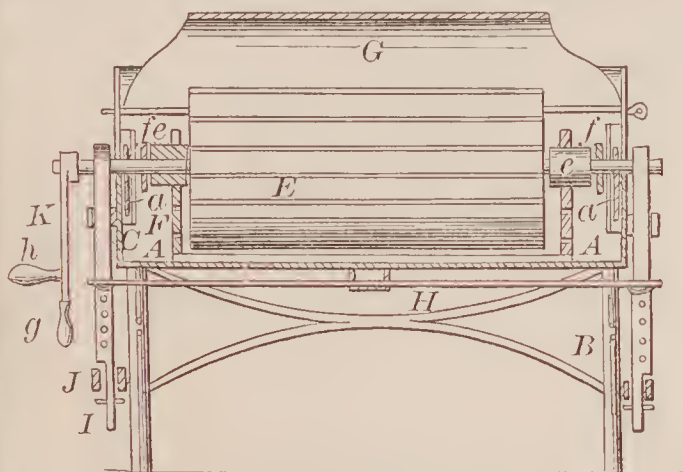
68150—B. F. Barker—Butt Hinge.



68157—R. W. Bender—Filter for Refining Sugar.



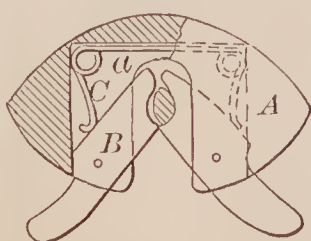
68155—E. Beckwith—Washing Machine.



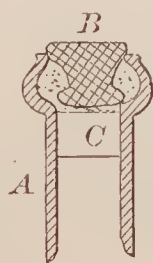
68154—W. F. Beaton—Frame for the Glasses of Carriage Curtains.



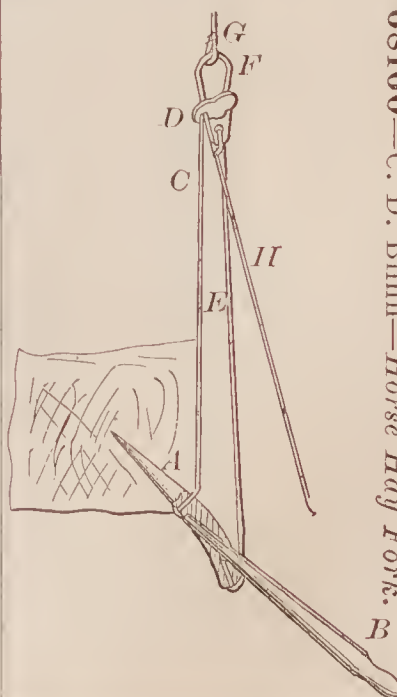
68161—H. T. Boutell—Clothes Pin.

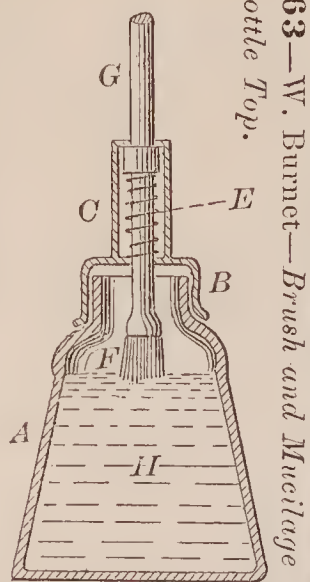


68162—T. S. Bowman—Closing Bottles.



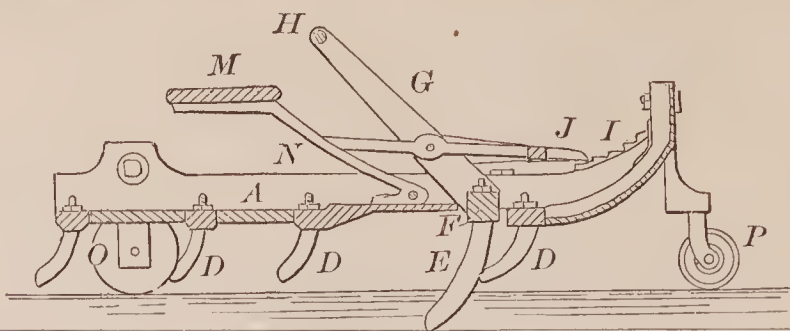
68160—C. D. Blinn—Horse Hay Fork.



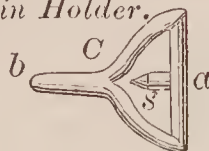


68163—W. Burnet—*Brush and Mucilage Bottle Top.*

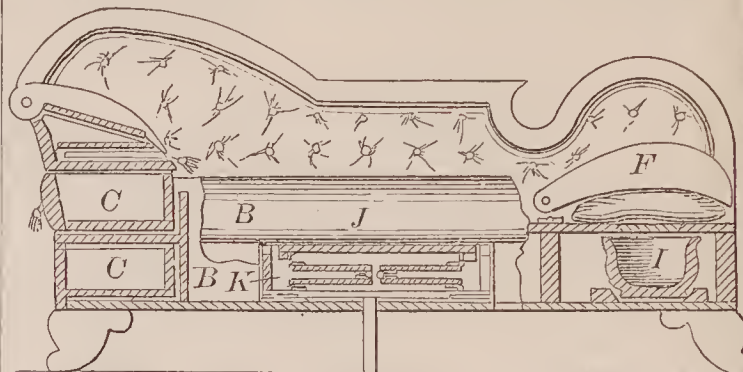
68169—J. Click—*Harrow.*



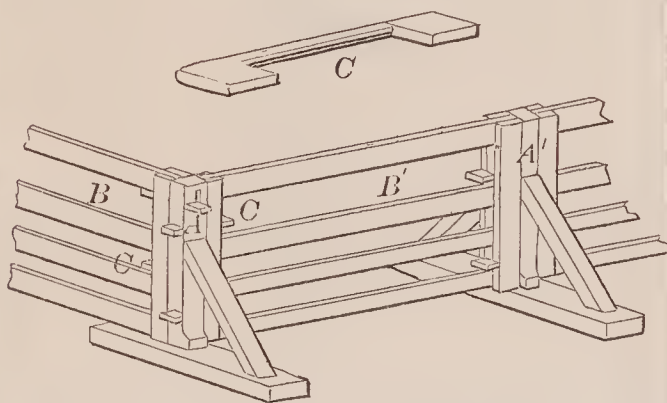
68172—
McD. Darrow—
Rein Holder.



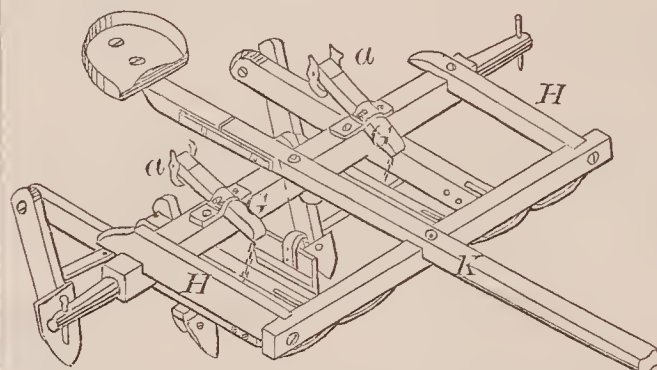
68164—S. Bittenheim—*Nursery Lounge.*



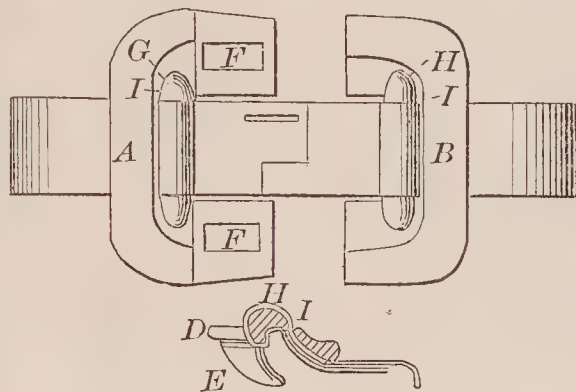
68166—P. Chandler—*Portable Fence.*



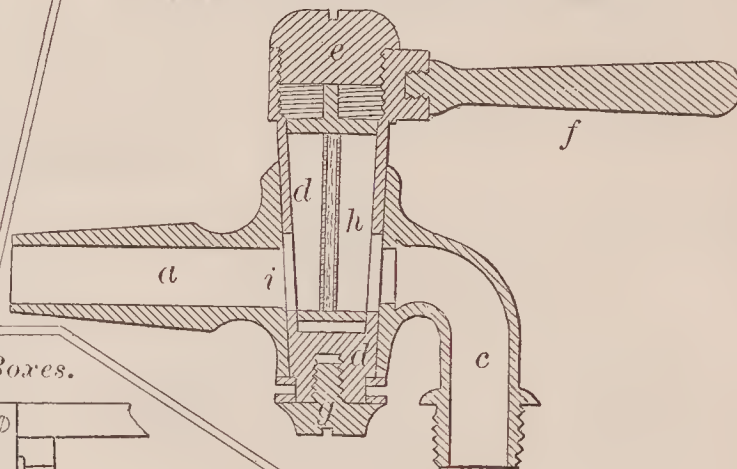
68165—A. Canfield—*Corn Cultivator.*



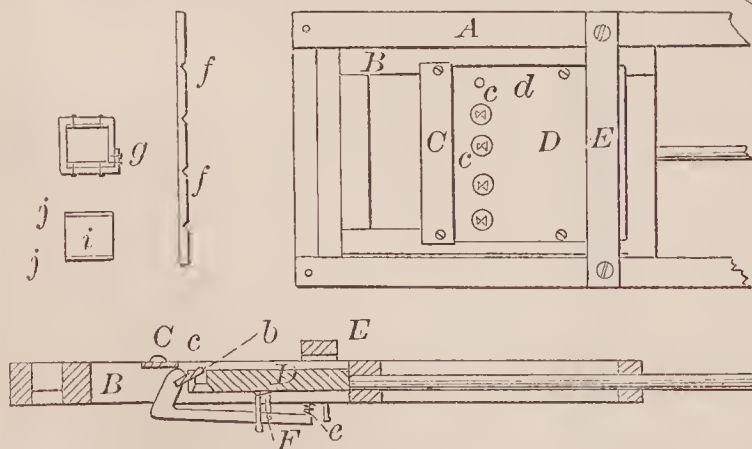
68167—M. D. Cheek—*Cotton Bale Tie.*



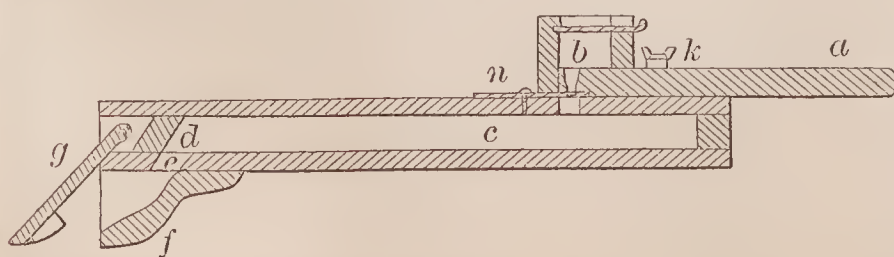
68170—R. B. Coar—*Filter Faucet.*



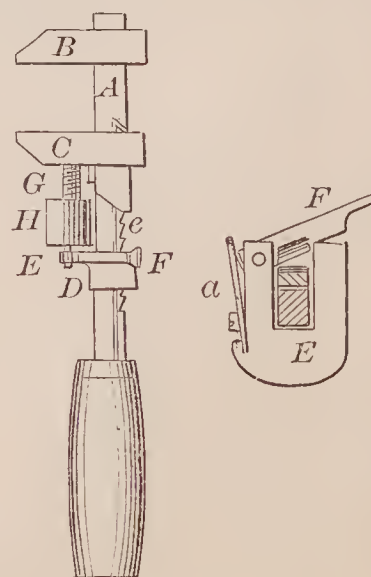
68171—C. Colby—*For Cutting Berry Boxes.*



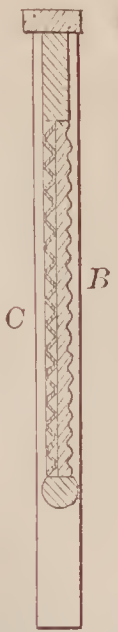
68173—H. V. Davis—*Seed Drill.*



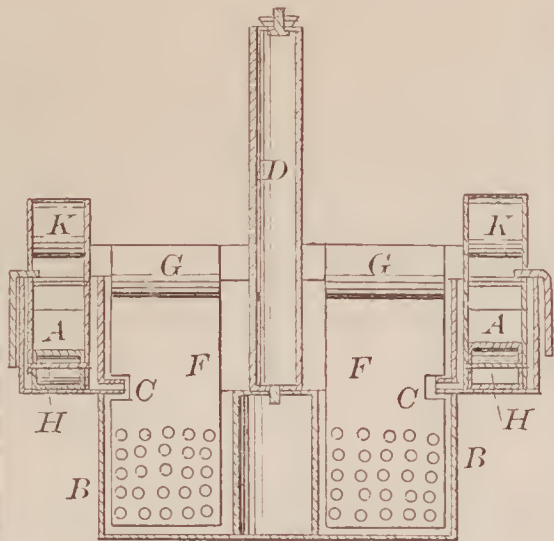
68168—T. D. Christopher—*Wrench.*



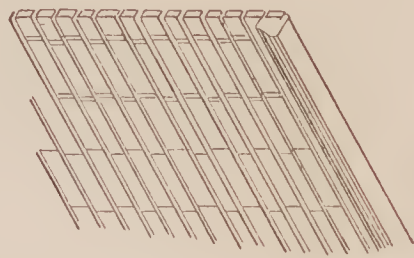
68174—L. De Golia—*Wash Board.*



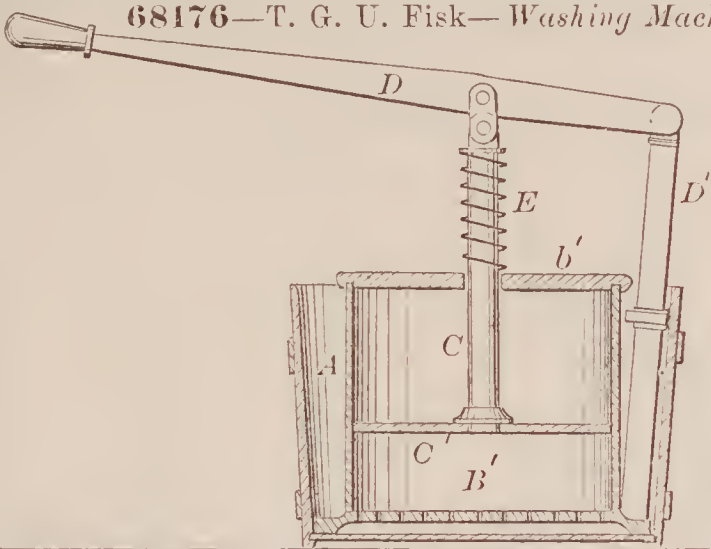
68175—G. B. Field—*Amalgamator.*



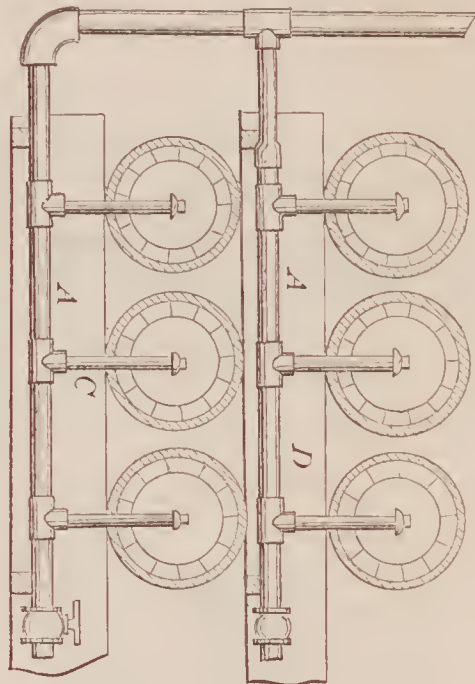
68180—F. Gesswein—*Window Shade.*



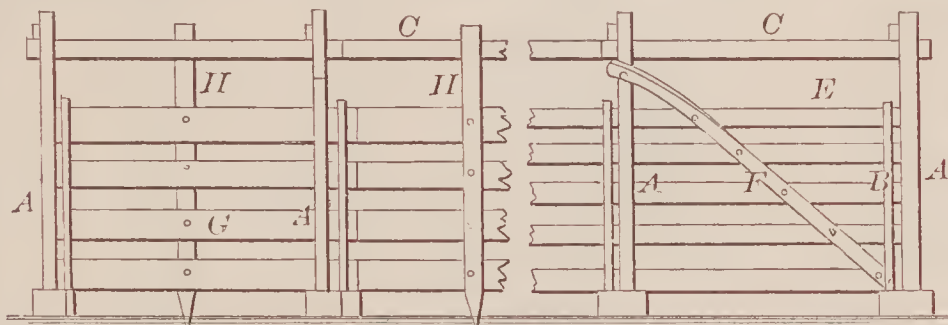
68176—T. G. U. Fisk—*Washing Machine.*



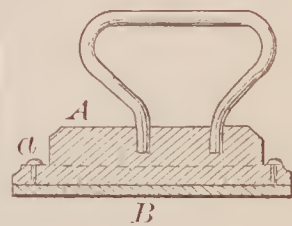
68181—S. Gibbons—*Drying Barrels.*



68177—B. Force—*Fence.*



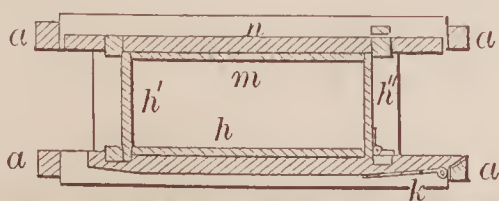
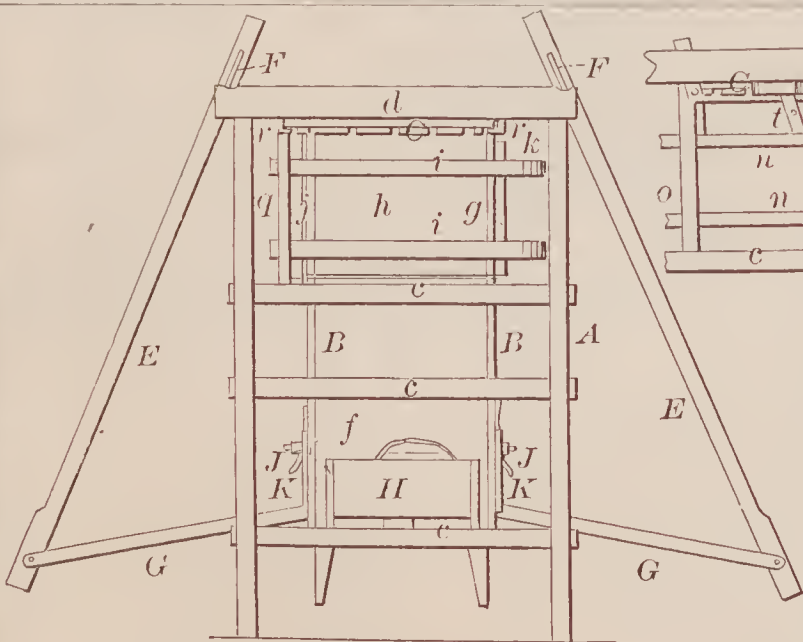
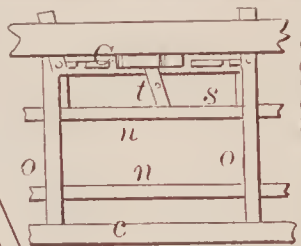
68178—J. Frasn—*Smoothing Iron.*



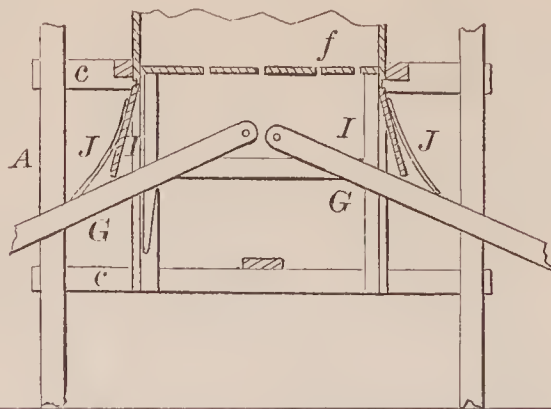
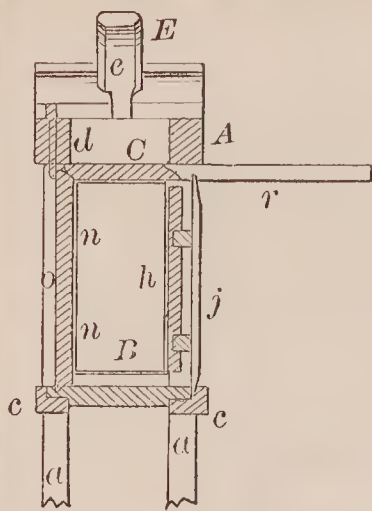
68179—J. M. Freeman—*Riding Attachment for Harrows.*



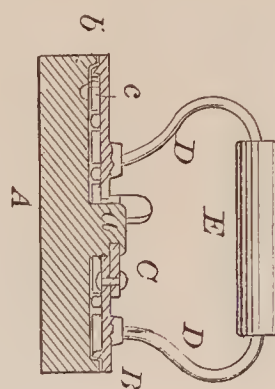
68182—J. H. Godwin—*Baling Press.*



68182—Continued.



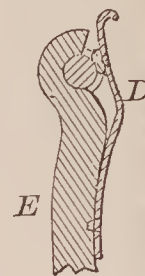
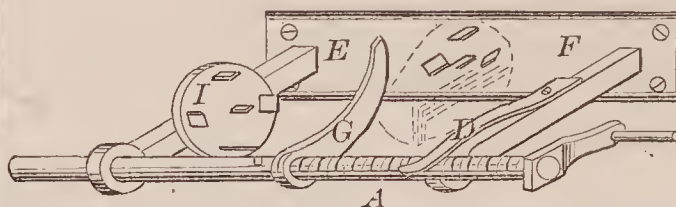
68183—J. Gray—Sash Iron.



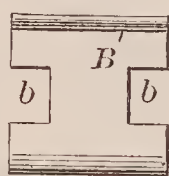
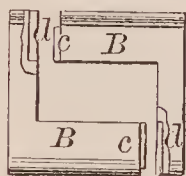
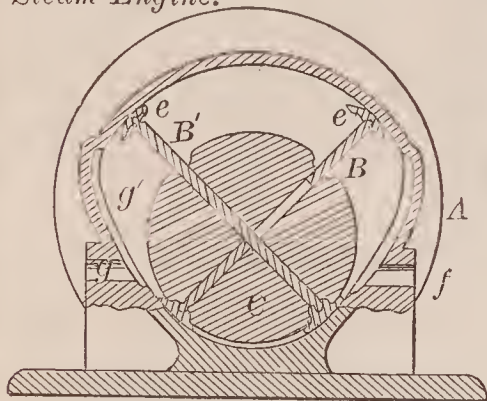
68185—H. G. Hall—Ring for Spinning.



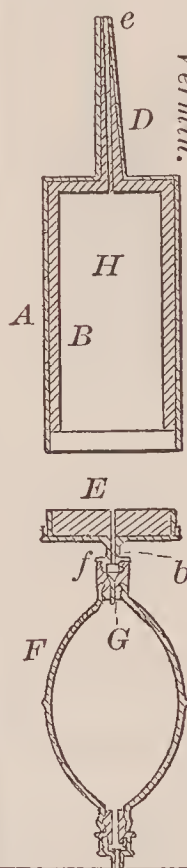
68184—V. Hagmann—Vegetable Cutter.



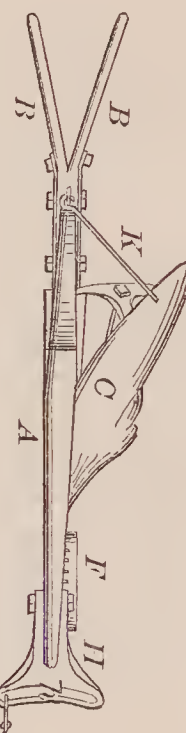
68186—S. G. Hall—Rotary Steam Engine.



68188—J. R. Hamilton—Fumigator for Destroying Vermin.



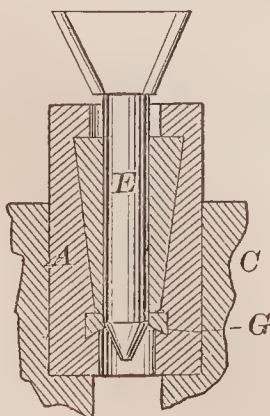
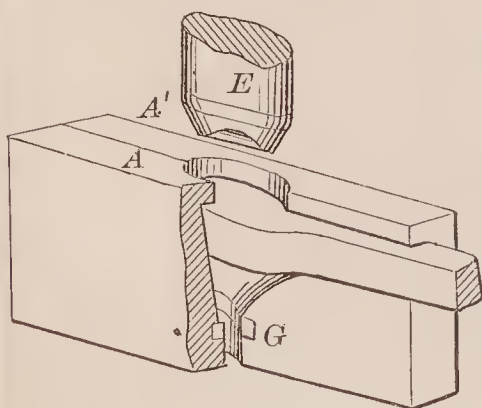
68190—R. Hardenbrook—Grape Plow.



68189—O. Hanks—Curtain Fixture.



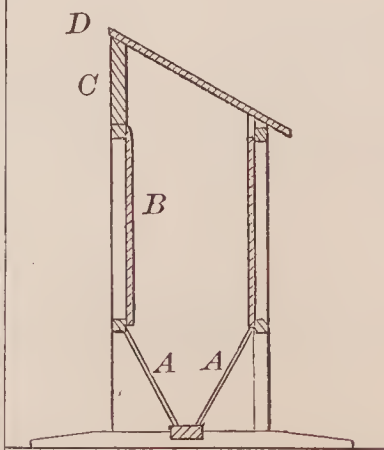
68187—H. M. Hamilton—Die for Forming the Eyes of Picks.



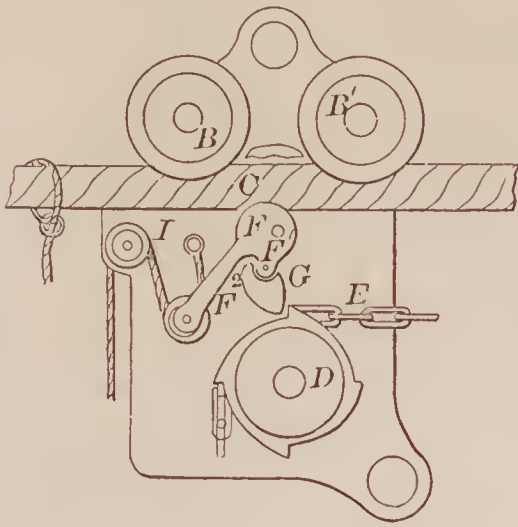
68192—S. Harris—Sash Weight.



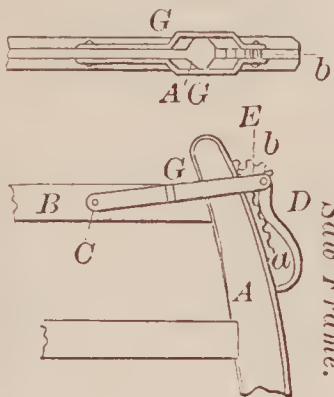
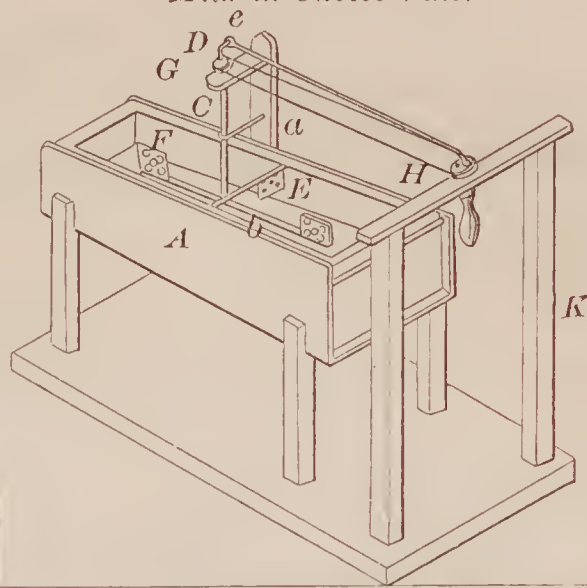
68191—J. Harman—Sheep Rack and Mow.



68193—W. H. Hawley—*Elevating Block.*

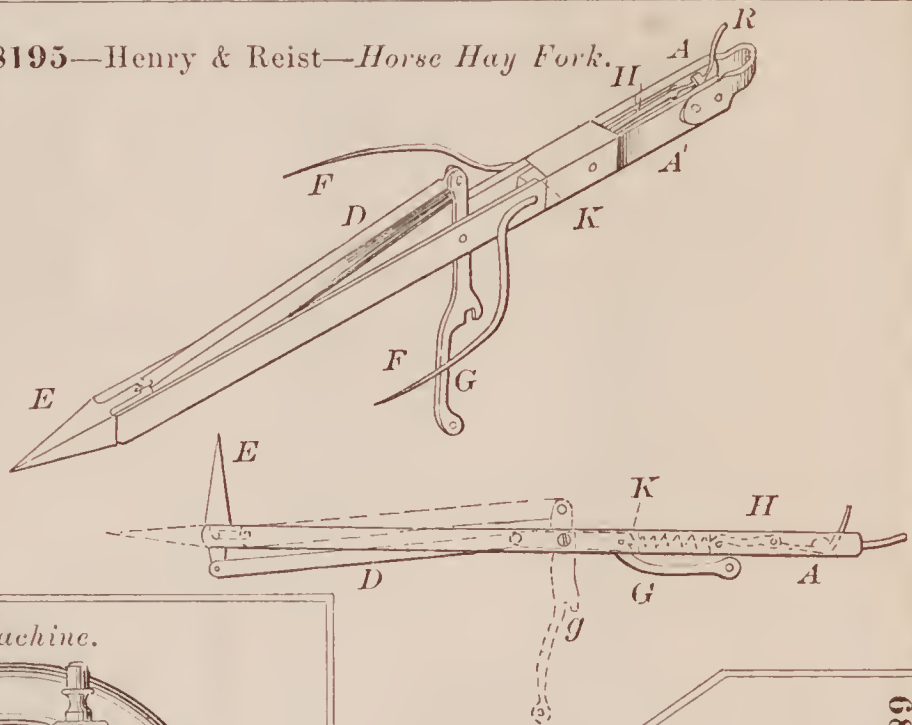


68198—J. C. House—*For Agitation of Milk in Cheese Vats.*

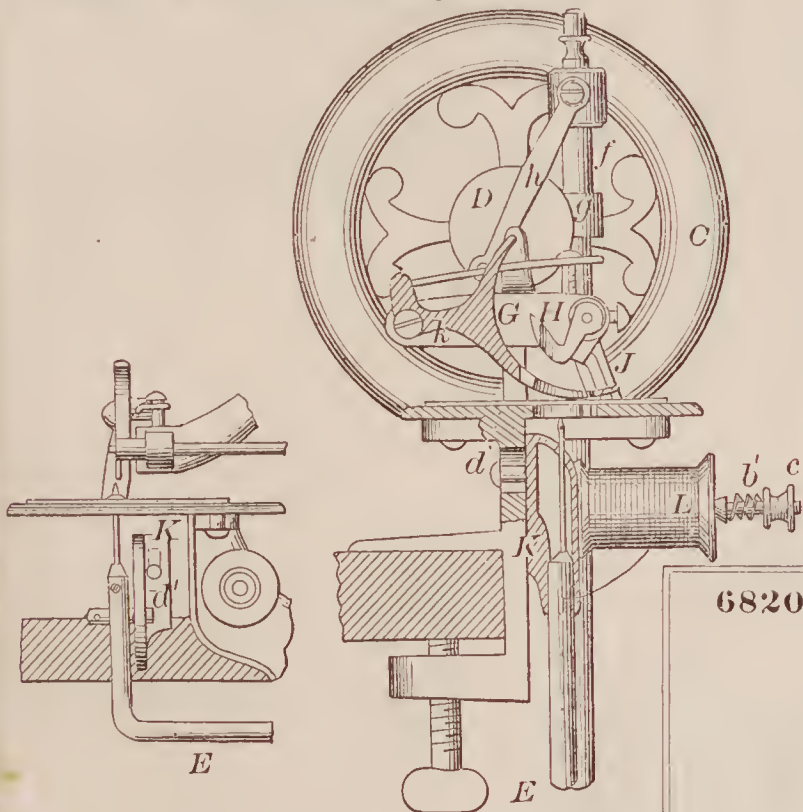


68194—H. M. Hayward—*Buck Saw Frame.*

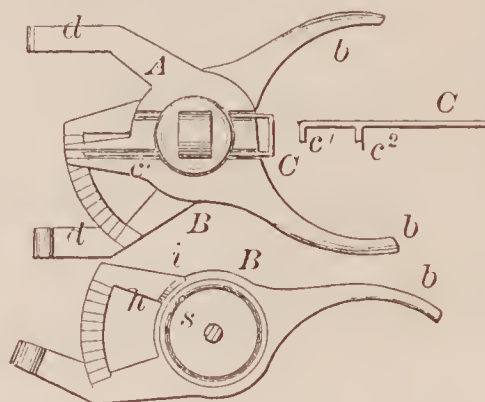
68195—Henry & Reist—*Horse Hay Fork.*



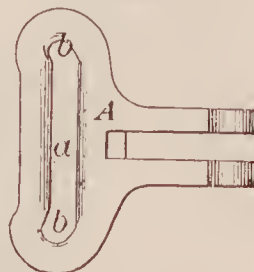
68196—W. S. Hill—*Sewing Machine.*



68197—W. L. Hopper—*For Catching Animals.*



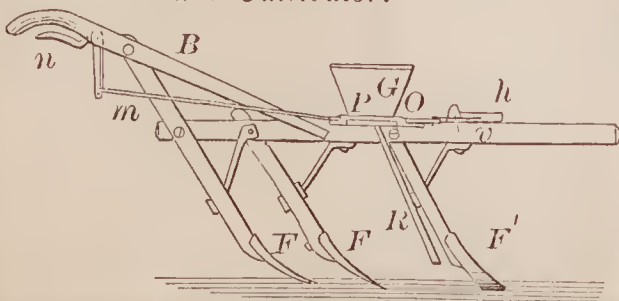
68200—H. Ingraham—*Plow Clevis.*



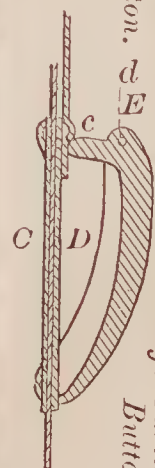
68202—E. A. Jeffery—*Griddle.*

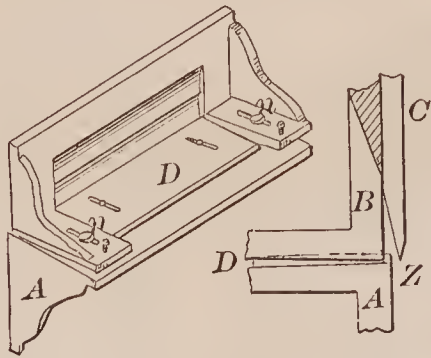
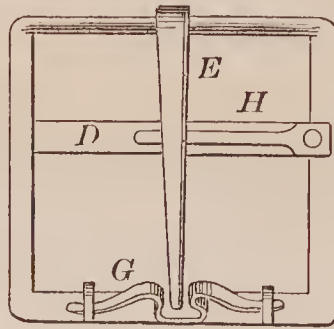
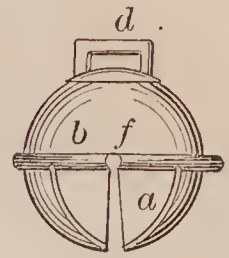
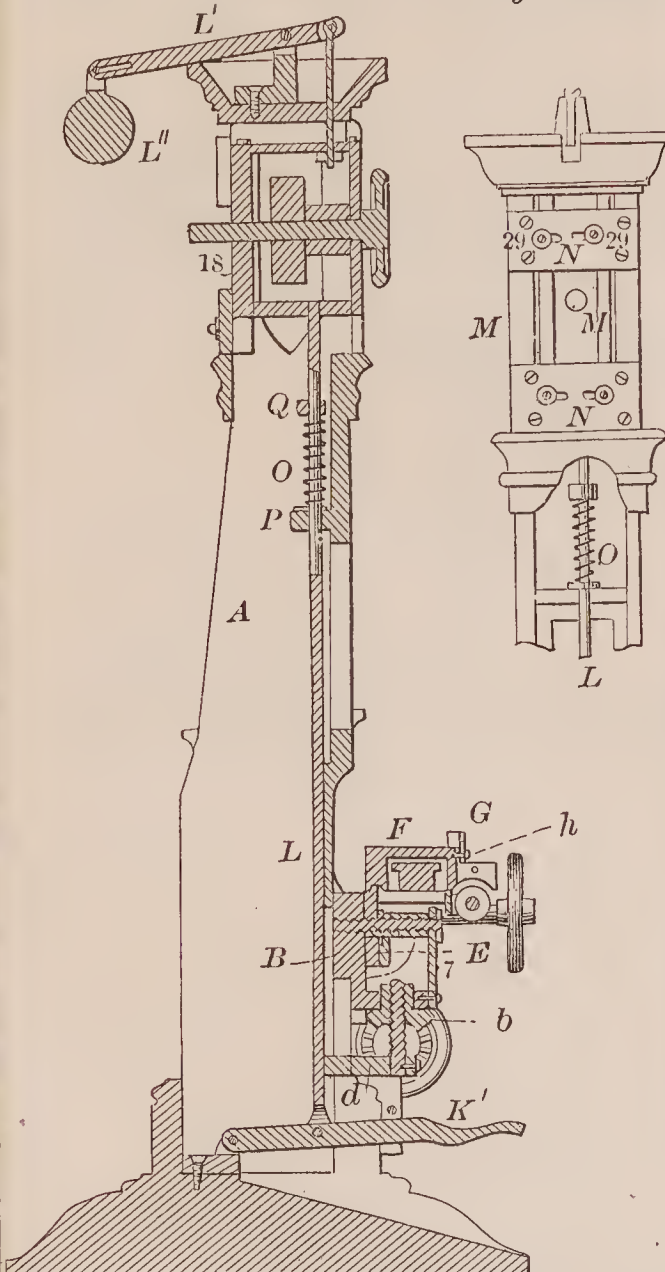
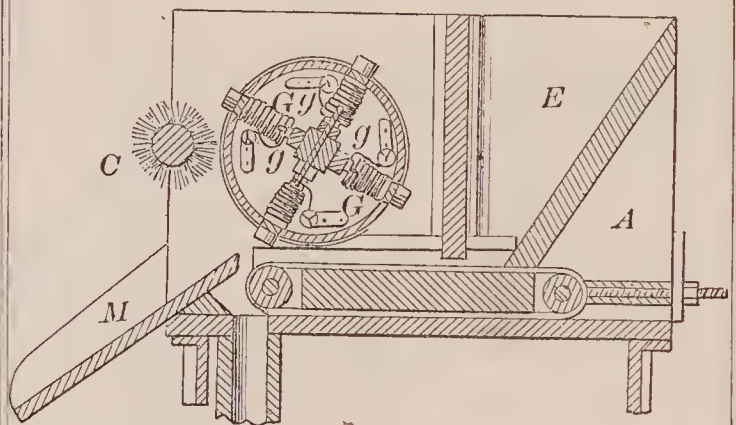
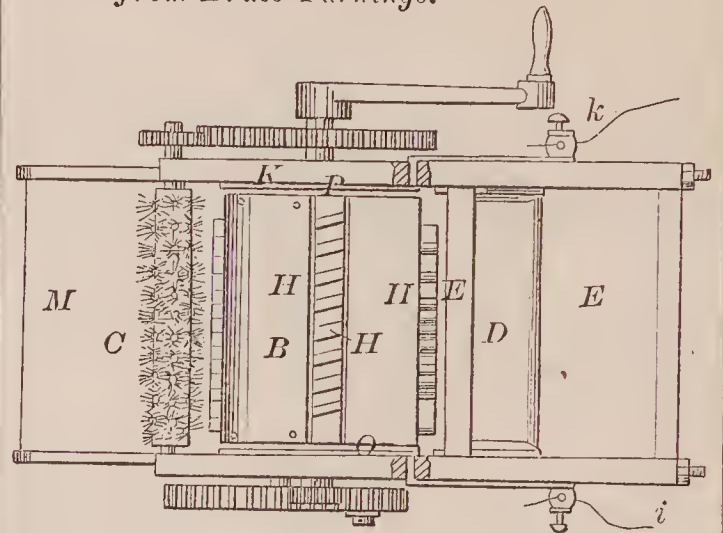
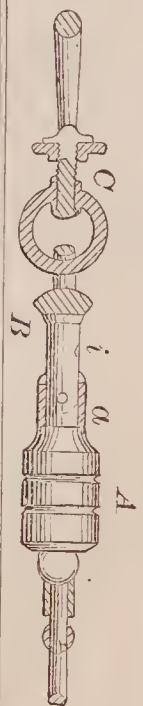
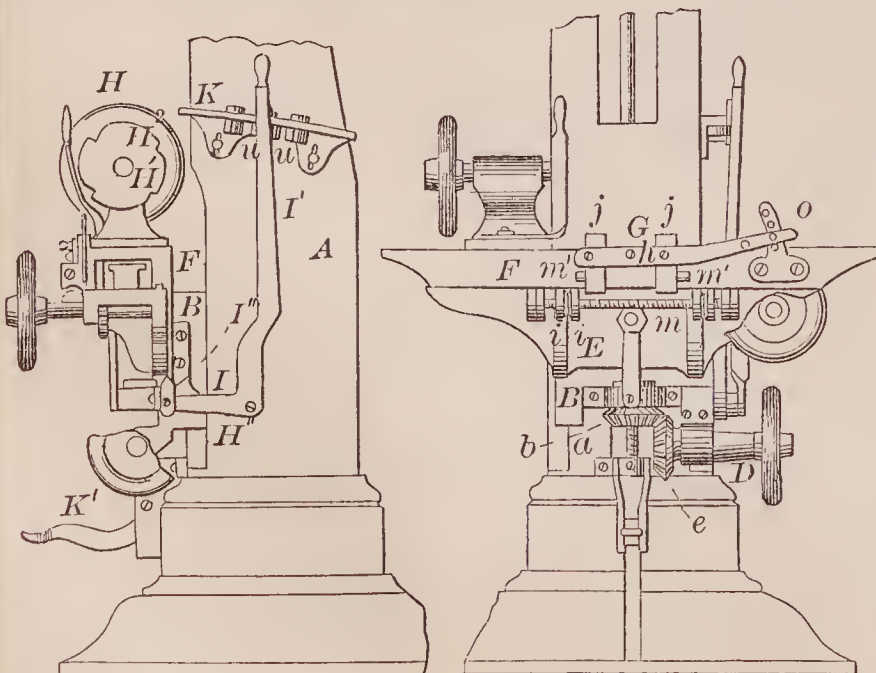
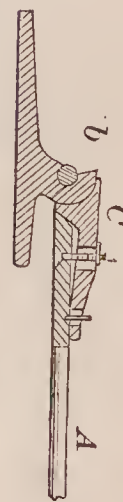


68201—D. W. Jacoby—*Corn Planter and Cultivator.*

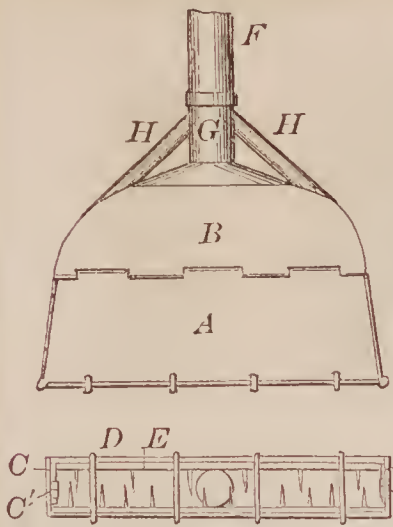


68199—E. Howell—*Carriage Curtain Button.*

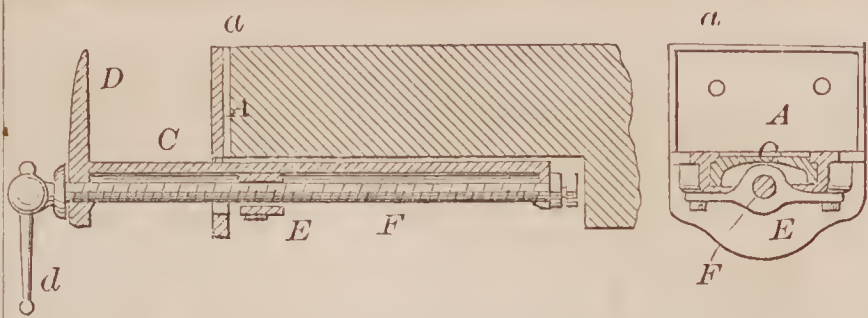


68203—E. Jewett—*Veneer Cutter.*68204—W. B. Johnson—*Buckle.*68206—A. Jusberg—*Casting Bells.*68298—D. L. Gibbs—*Mortising Machine.*68205—J. Jonson—*For Separating Iron from Brass Turnings.*68208—O. P. Kingman—*Watch Key.*68207—W. J. Keeney—*Harvester Pitman.*

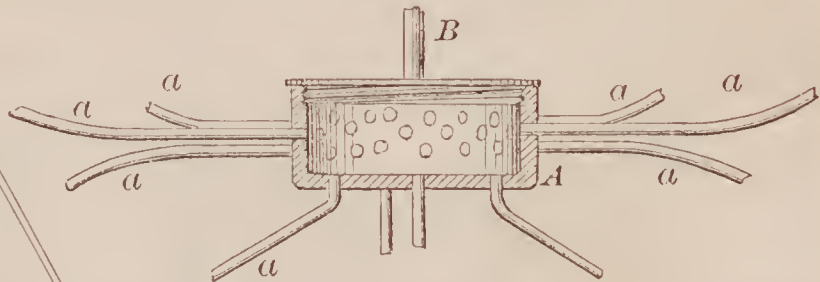
68209—L. Kohn—Broom Head.



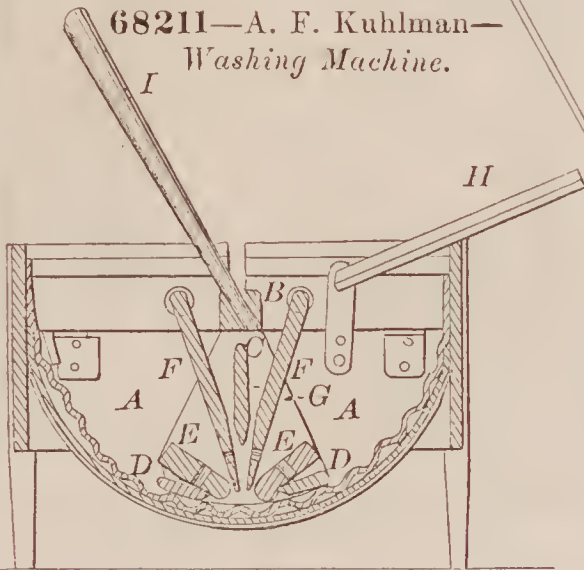
68215—J. Lee—Vise.



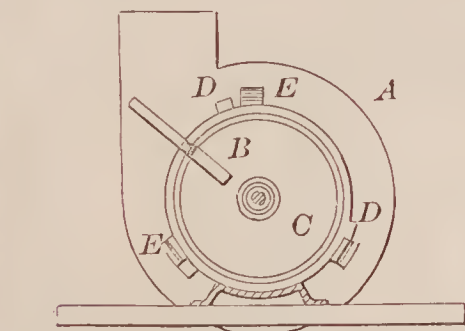
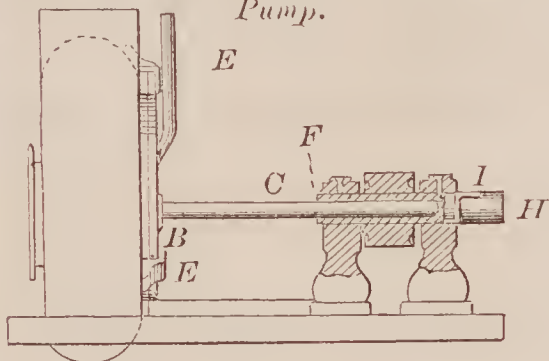
68210—A. Komp—Steam Heating Apparatus.



68211—A. F. Kuhlman—Washing Machine.



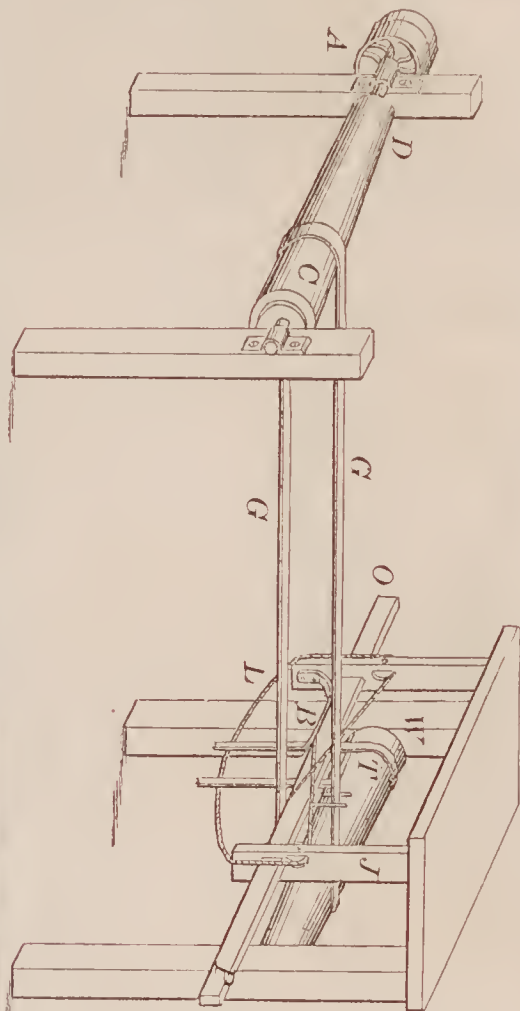
68214—N. H. Lebby—Centrifugal Pump.



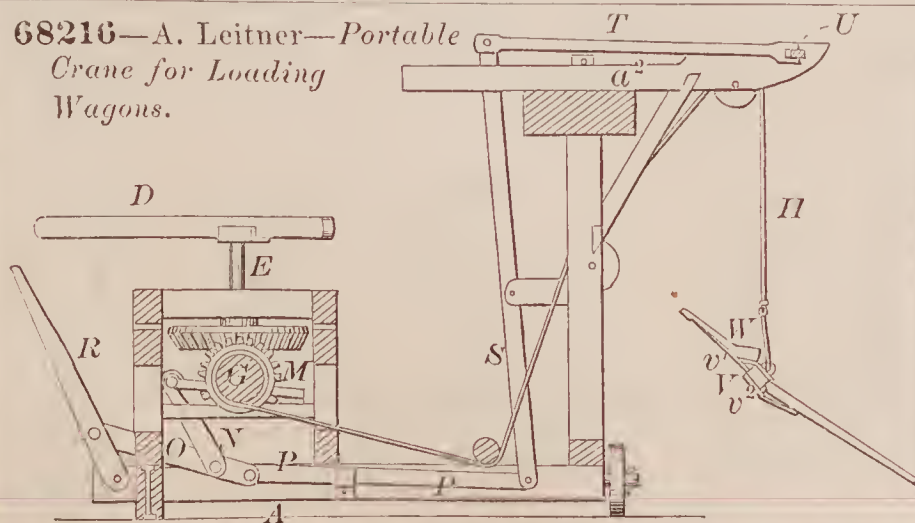
68217—E. C. Lewis—Elliptic Spring.



68212—C. M. Langley—For Driving Printing Presses.

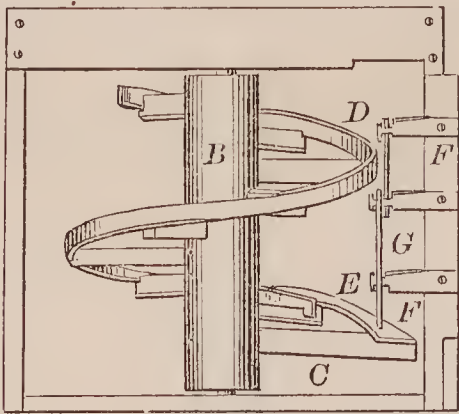
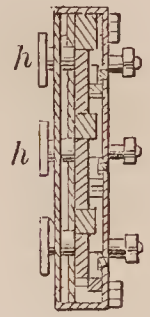
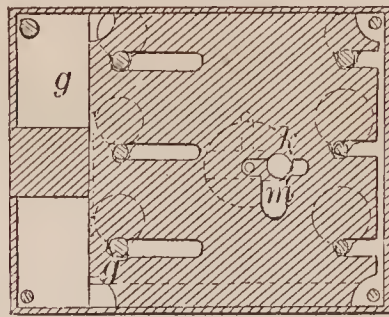
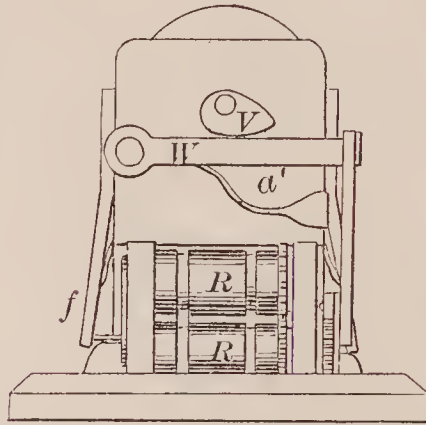
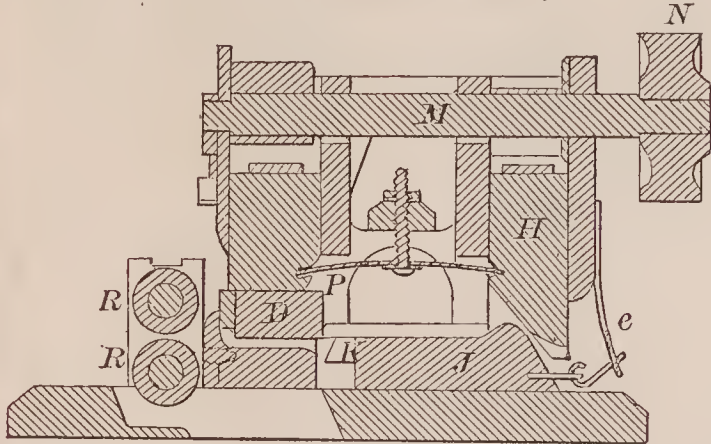
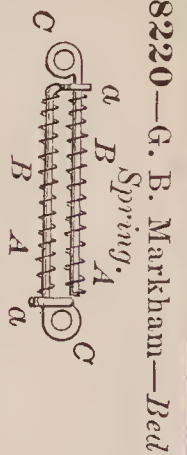
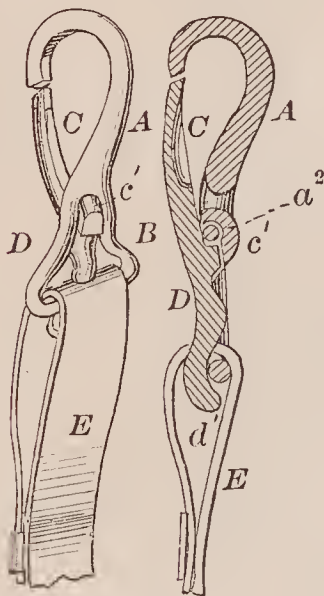
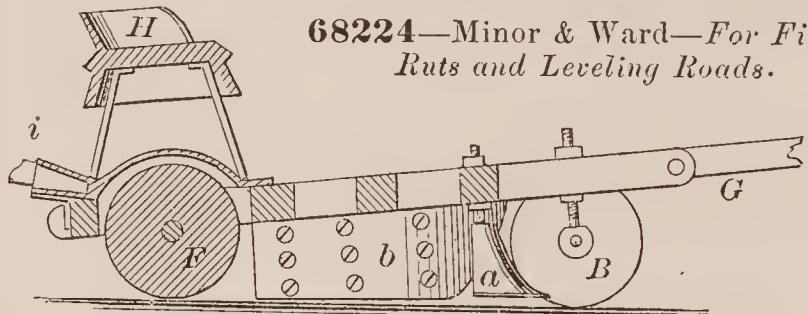
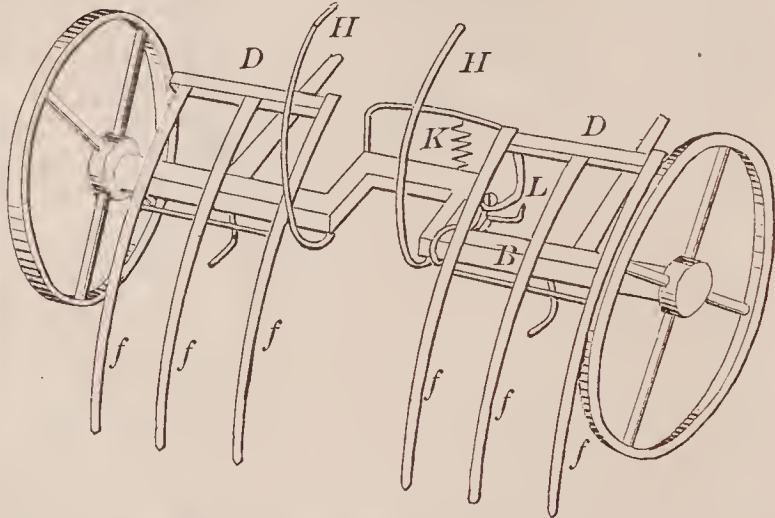
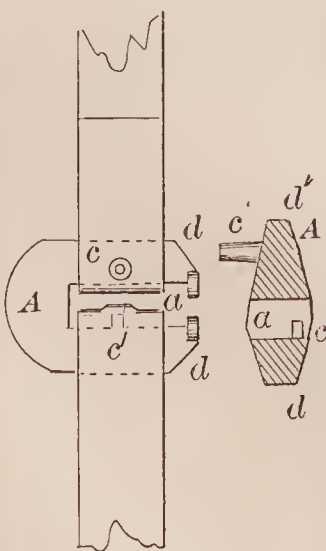
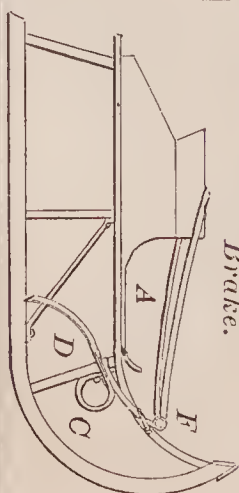
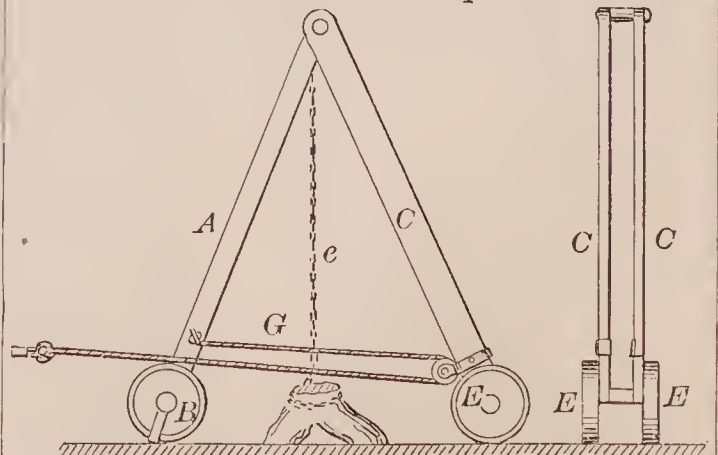


68216—A. Leitner—Portable Crane for Loading Wagons.

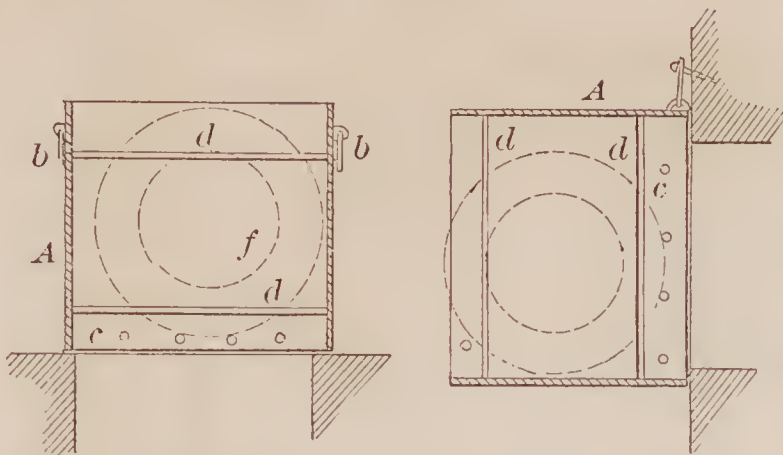


68213—J. A. Lawson—Coal Hod.

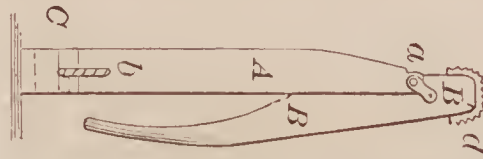


68218—H. Little—*For Elevating Ice.*68219—C. L. Lucas—*Permutation Lock.*68222—R. G. McKay—*For Making Spikes.*68220—G. B. Markham—*Bed Spring.*68223—C. Miller—*Snap Hook.*68224—Minor & Ward—*For Filling Ruts and Leveling Roads.*68227—E. Palmer—*Grain Rake.*68225—S. J. Mitchell—*Cotton Bale Tie.*68226—H. F. Norton—*Sleigh Brake.*68228—I. H. Palmer—*Stump Extractor.*

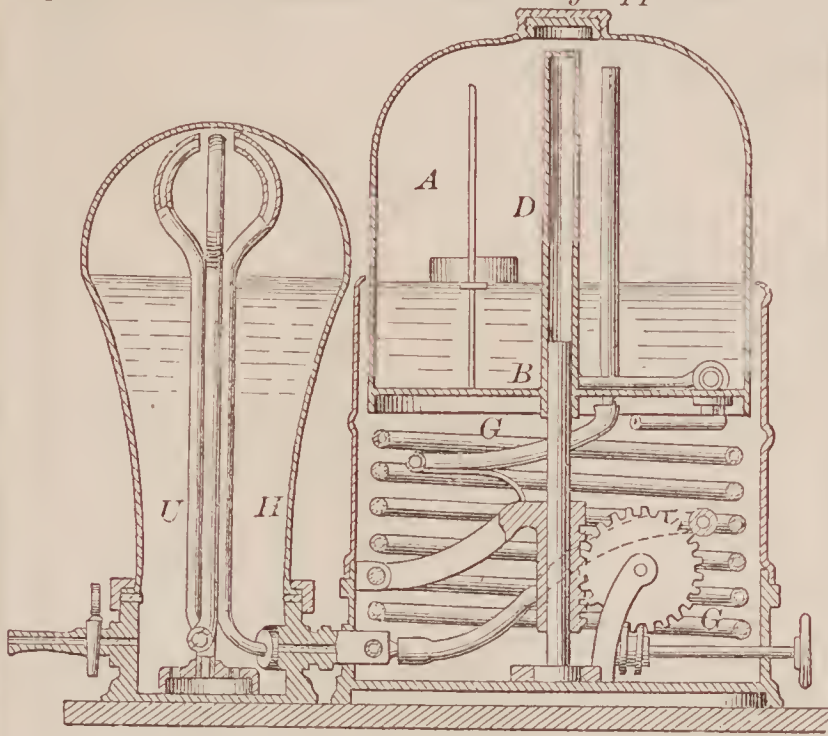
68229—J. C. Palmer—*Plate Warmer.*



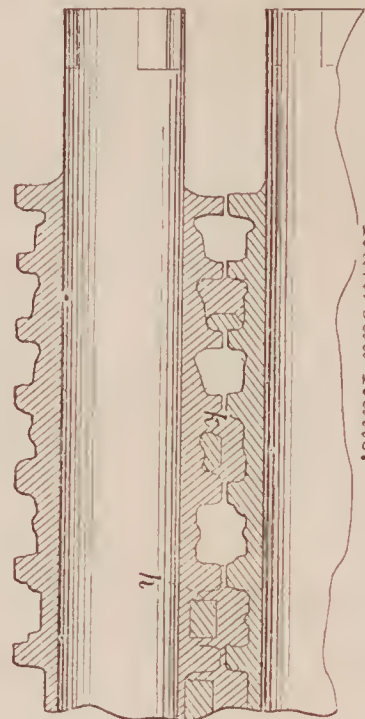
68230—J. N. Parker—*Lifting Jack.*



68231—G. H. Peacock—*Carburetted Apparatus.*



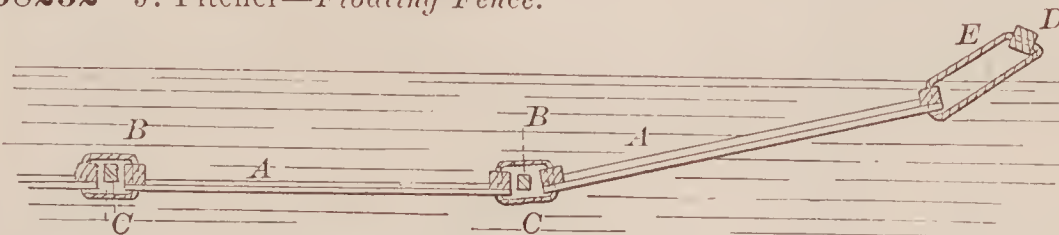
68233—S. L. Potter—*Roll for Rolling Railroad Railroad Rails.*



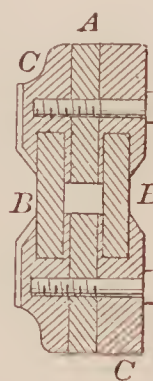
68236—W. P. Read—*Paper Binding.*



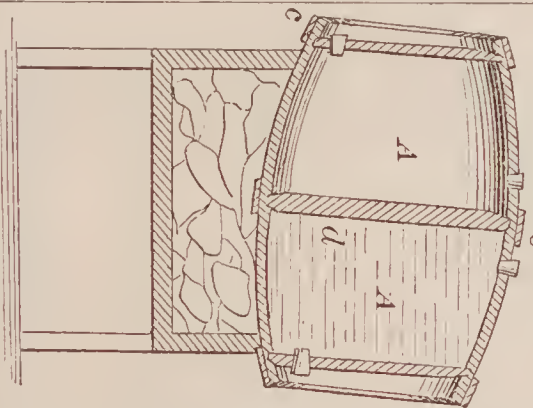
68232—J. Pitcher—*Floating Fence.*



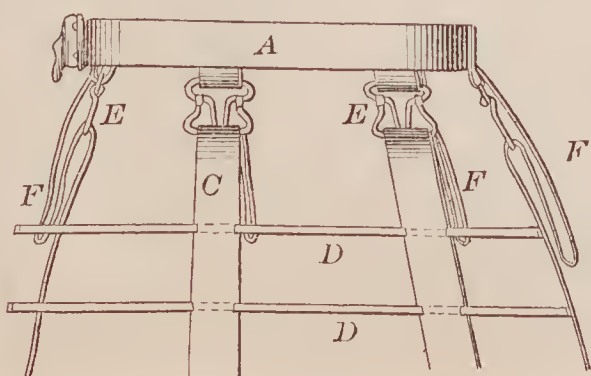
68235—E. Quinn—*Water Gauge for Steam Generators.*



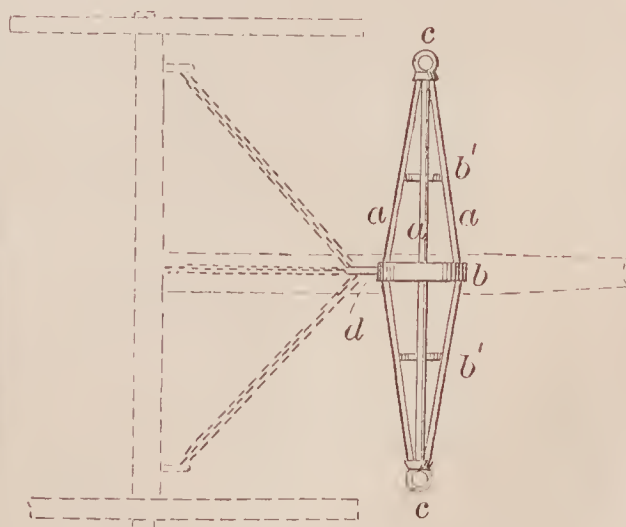
68234—C. T. Provost—*Barrel.*



68238—W. S. Ryerson—*Hoop Skirt.*



68237—M. Ryerson—*Swingle Tree.*



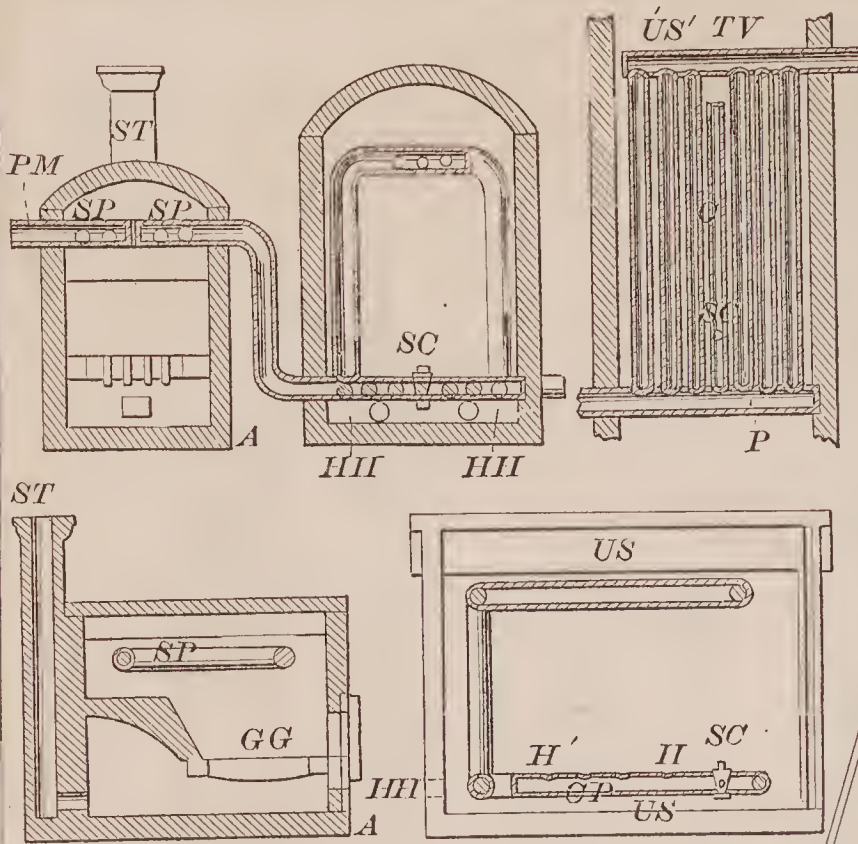
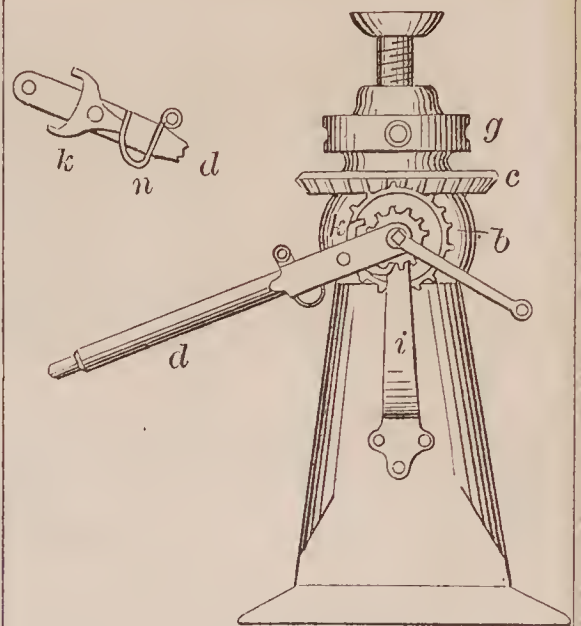
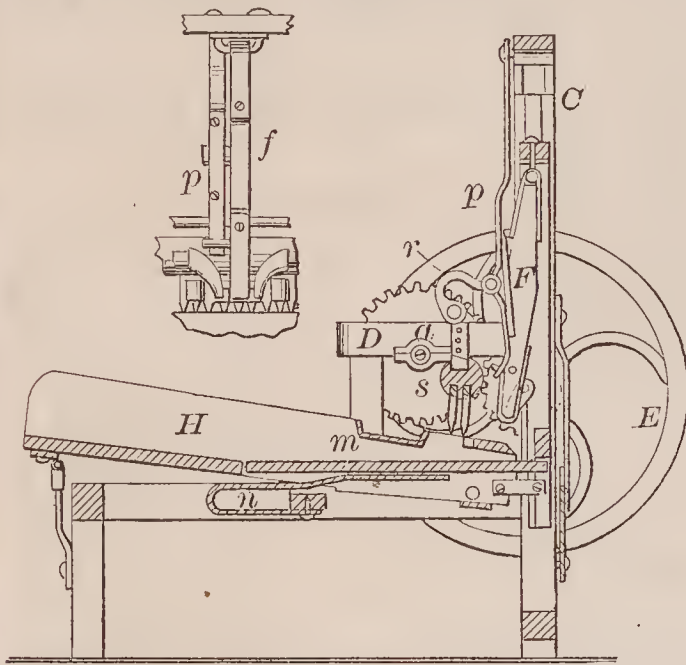
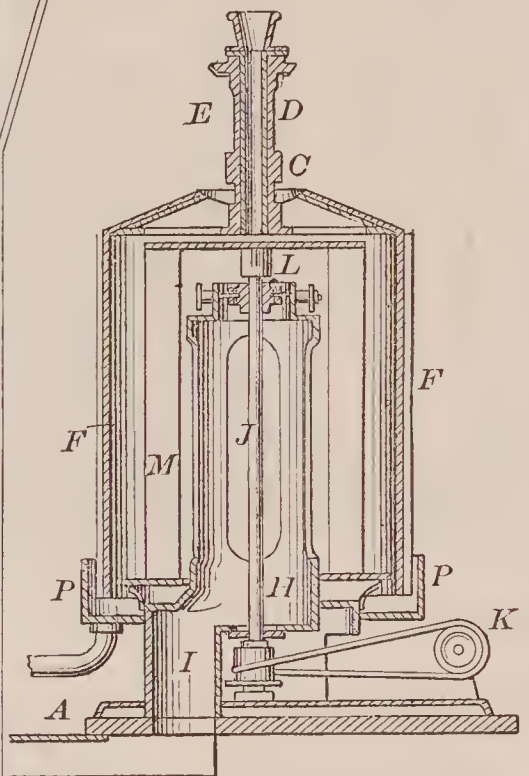
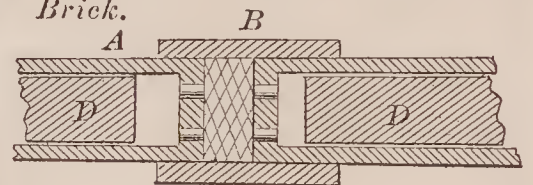
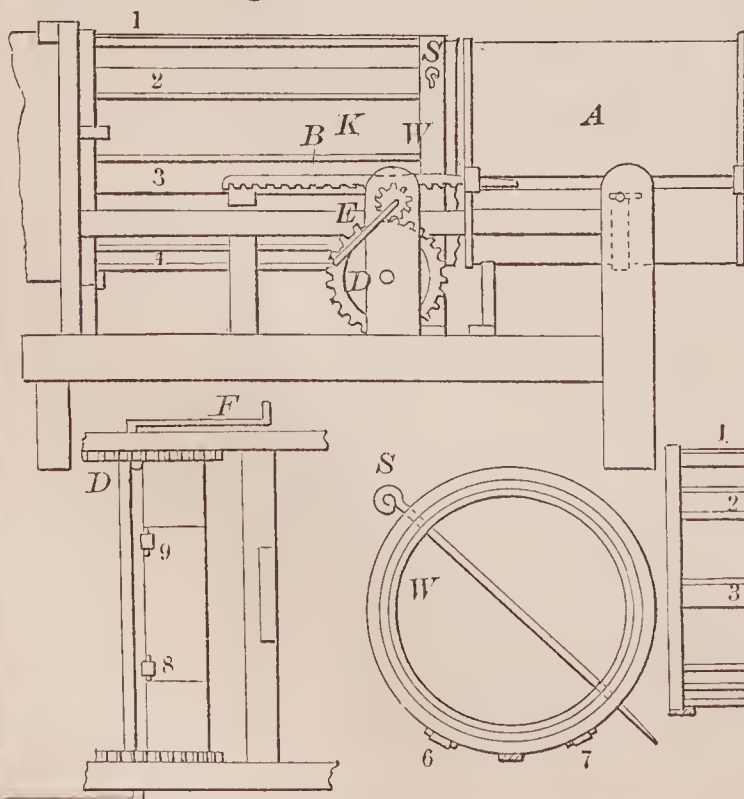
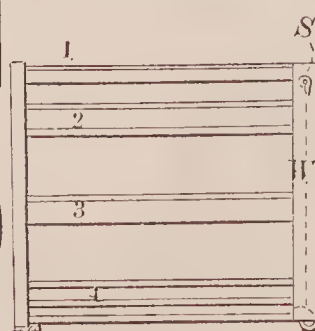
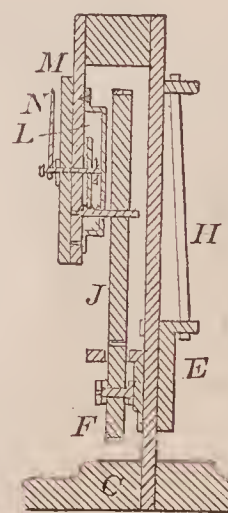
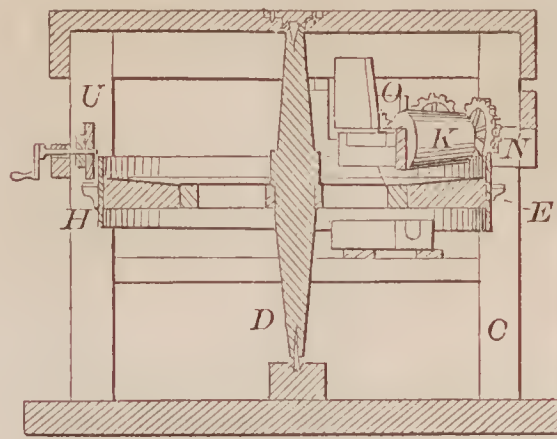
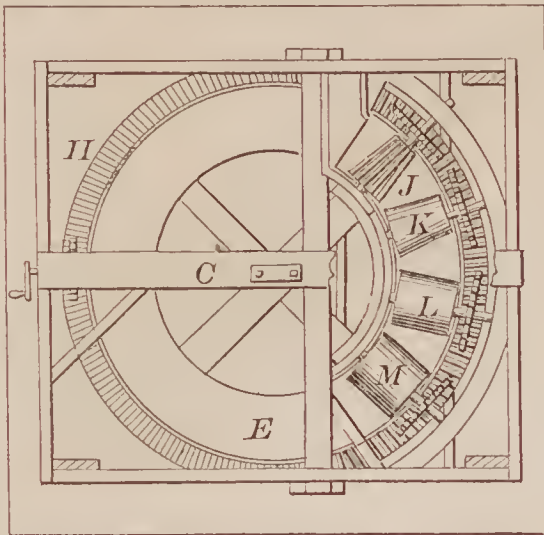
68239—W. Ryner—*Steam Drying Apparatus.*68241—C. H. Sawyer—*Jack Screw.*68243—W. Schreck—*Straw Cutter.*68242—C. Schenck—*Mash and Beer Cooler.*68244—O. W. Seely—*For Pressing Brick.*68240—A. Saeger—*Wool Packer.*

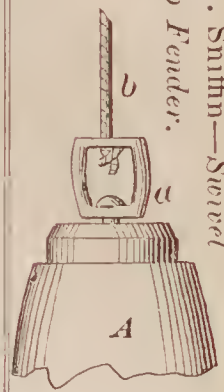
Fig. 5

68245—T. A. Shinn—*For Measuring Dry Goods.*

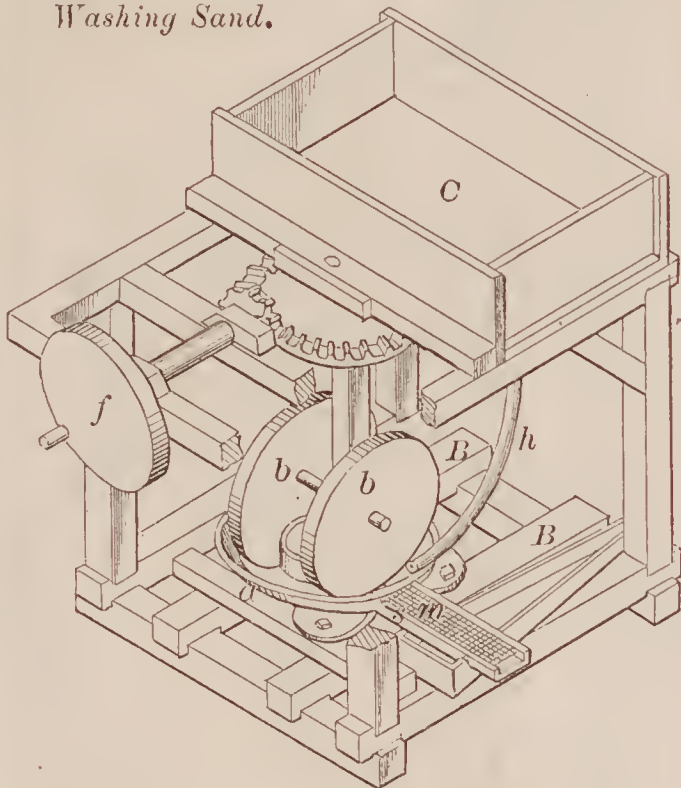
68246—T. A. Shinn—Cider Mill.



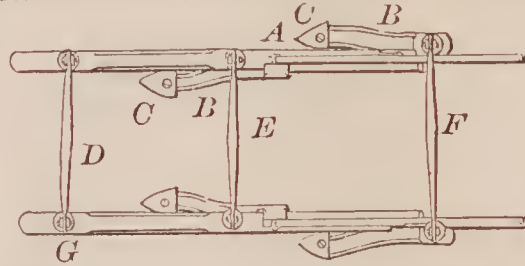
68251—W. Sniffin—Steel Ship Fender.



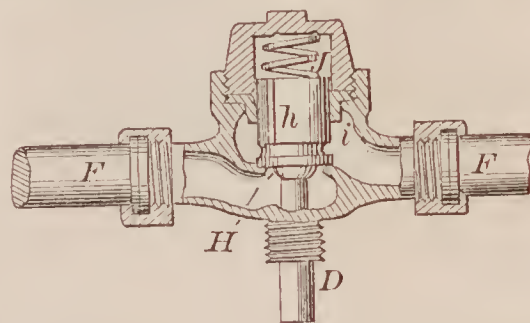
68248—J. R. Smith—For Crushing and Washing Sand.



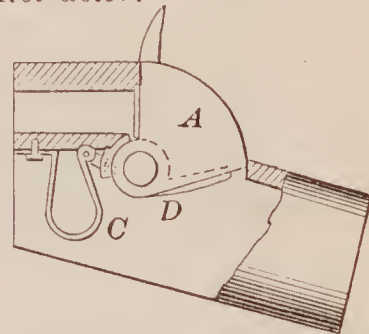
68247—L. L. Sloss—Double Shovel Plow.



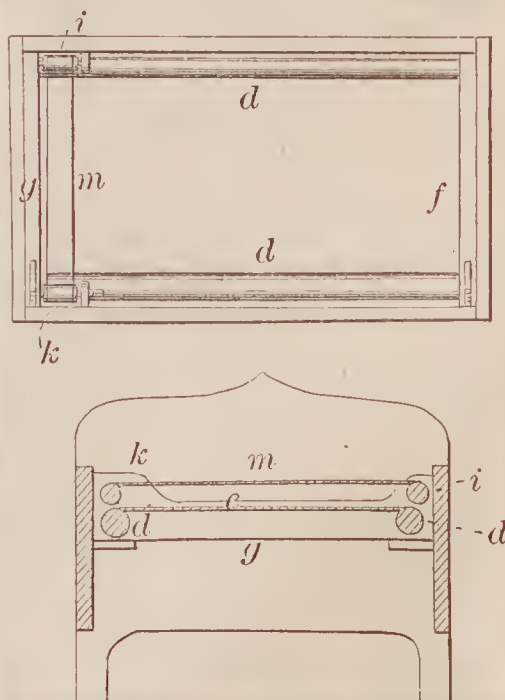
68249—W. Smith—Water Closet Valve.



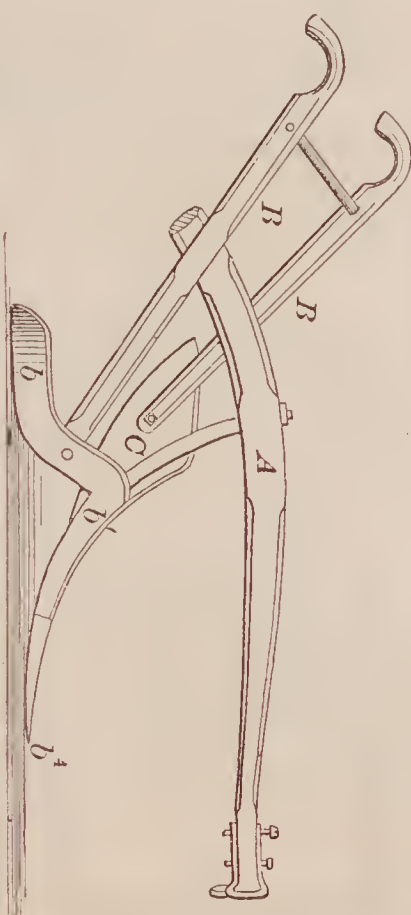
68250—W. S. Smoot—Cartridge Retractor.



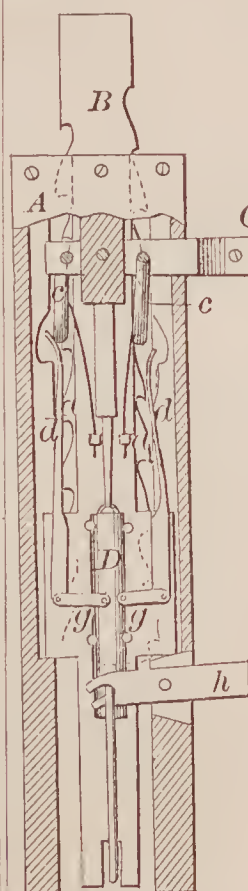
68255—W. B. Stewart—Bedstead.



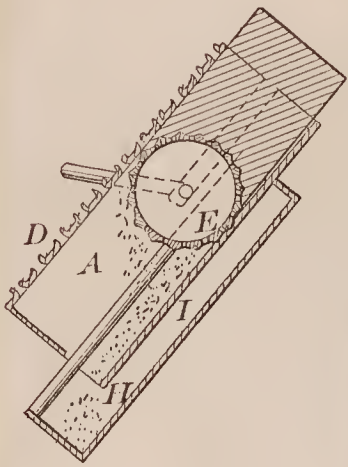
68253—W. T. Sprouse—Plow.



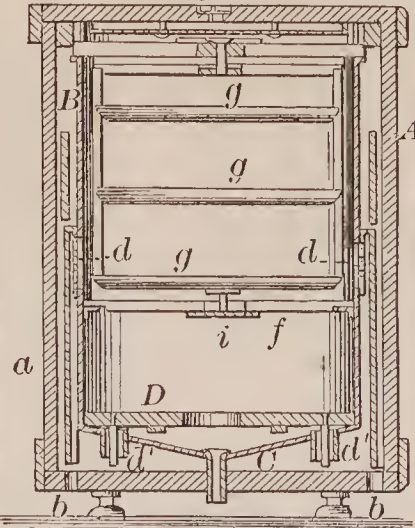
68252—J. M. Spiller—Wagon Jack.



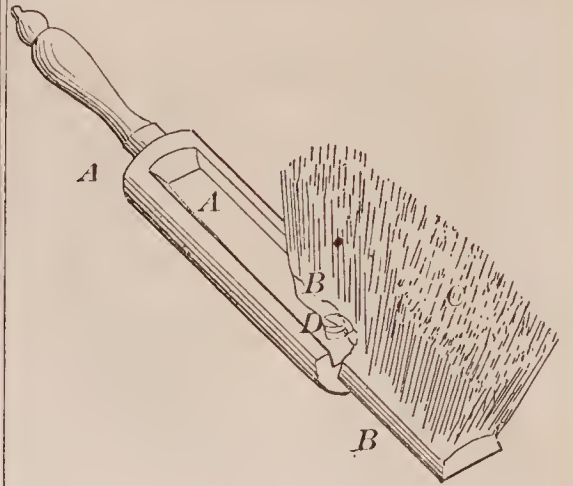
68256—H. Stone—Grater.



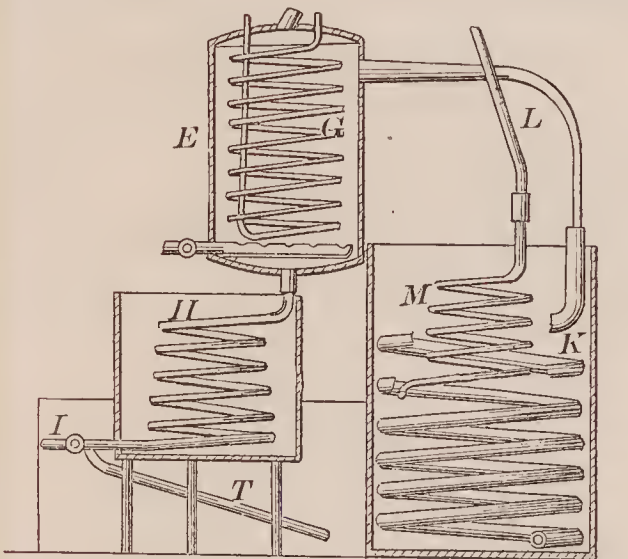
68258—A. B. Sweetland—Refrigerator.



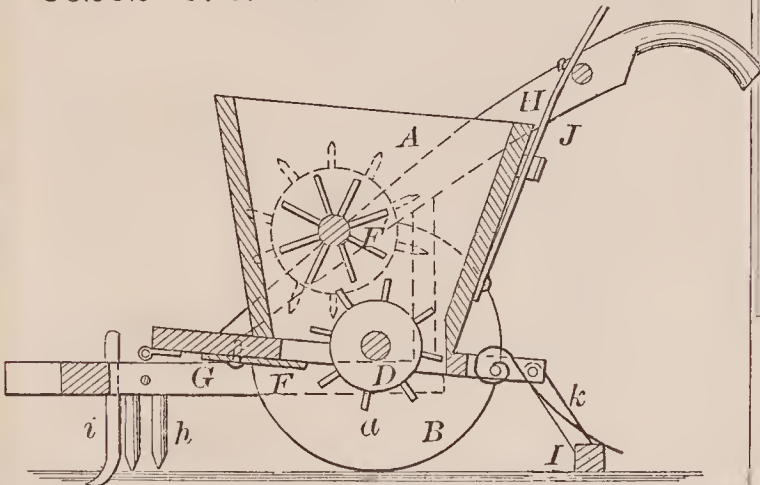
68259—E. Thayer—Dust Brush.



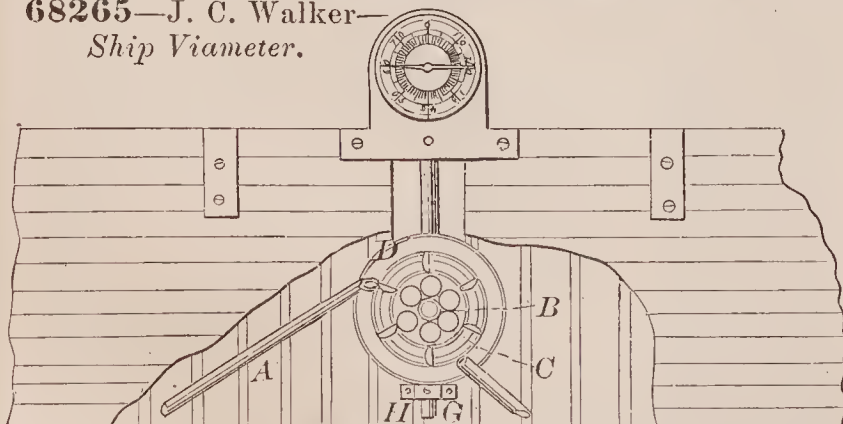
68257—C. Stott—For Distilling and Rectifying Petroleum.



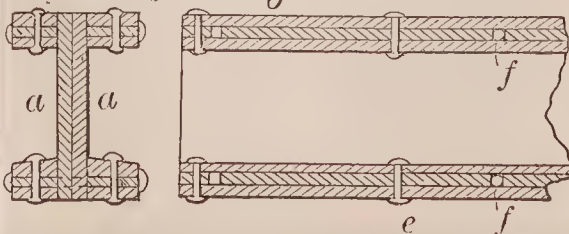
68262—J. C. Tobias—Cotton Seed Planter.



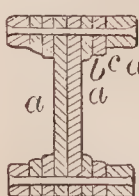
68265—J. C. Walker—Ship Viameter.



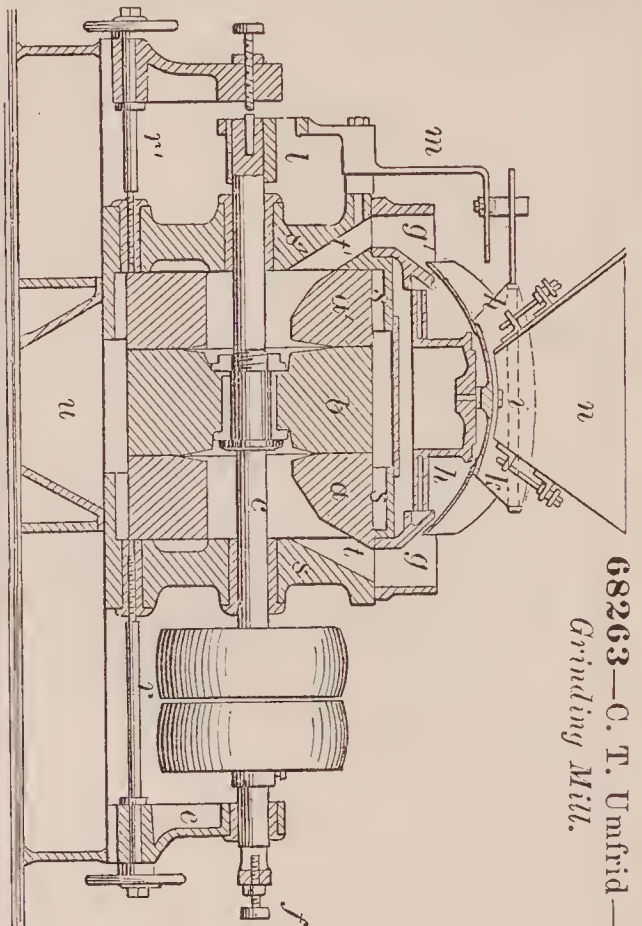
68267—Walters & Shaffer—Pile for Wrought Iron Beams or Girders.



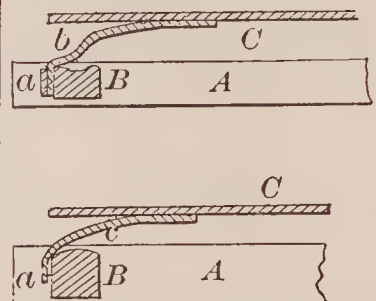
68266—Walters & Shaffer—Pile for Wrought Iron Beams or Girders.



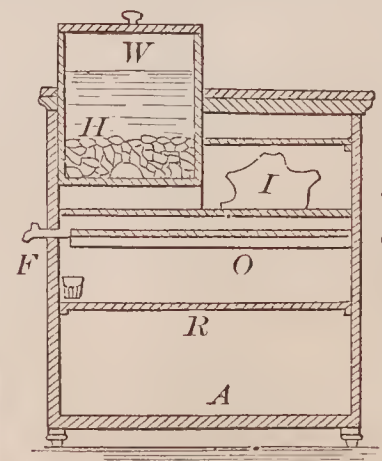
68263—C. T. Unfrid—Grinding Mill.



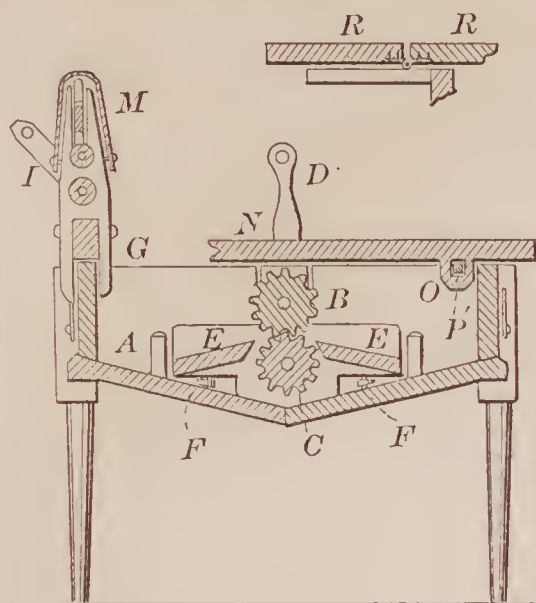
68268—O. H. Weed—Spring Bed Bottom.



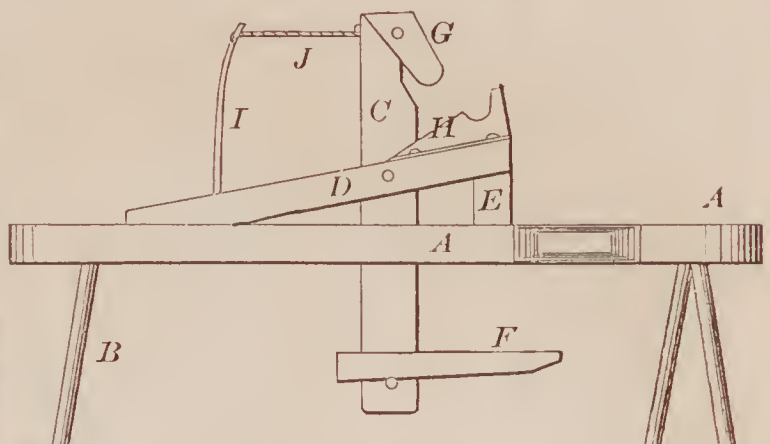
68269—J. De W. Wemple—Refrigerator.



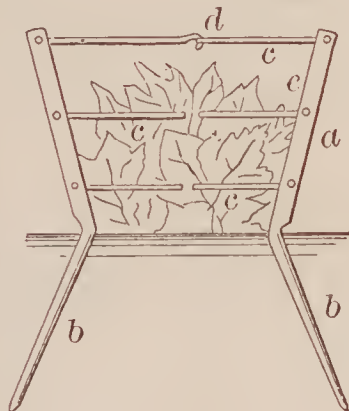
68270—J. Whitney—Washing and Wringing Machine.



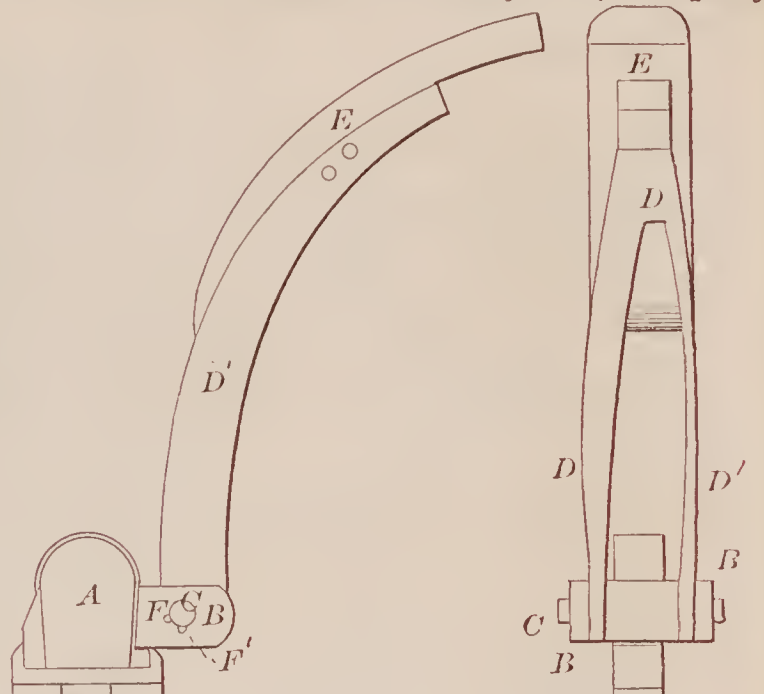
68272—D. Williams—Corn Husker.



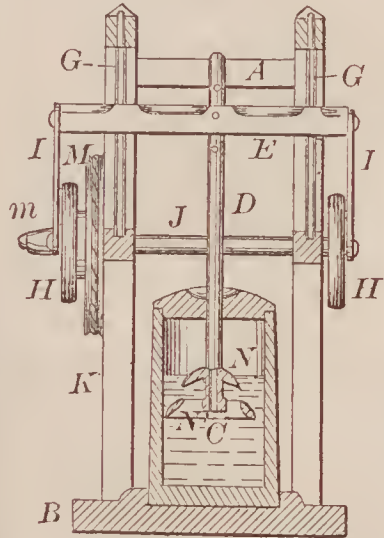
68271—W. W. Wilcox—Strawberry Trellis.



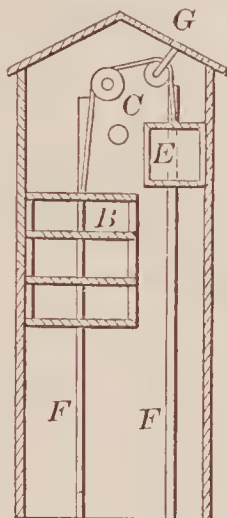
68274—T. H. Wood—Carriage Shaft Coupling.



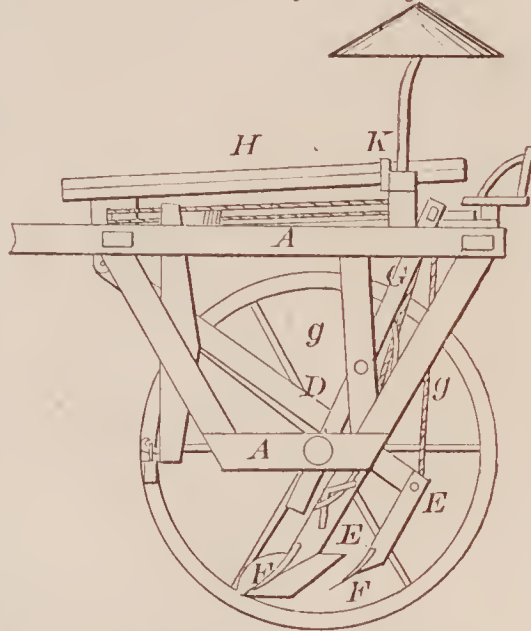
68273—S. C. Wilson—Churn.



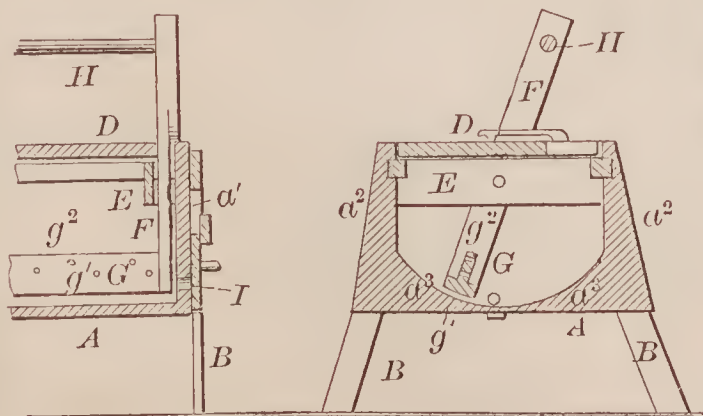
68276—H. Yerty—Milk House.



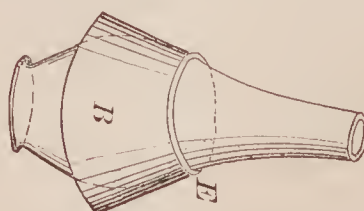
68277—G. C. Avery—Gang Plow.



68275—J. Worden—Washing Machine.



68278—D. W. Bashore—Lamp Shade.



68281—F. W. Brettell—*Permutation Lock.*

Fig. 1 & 2-I

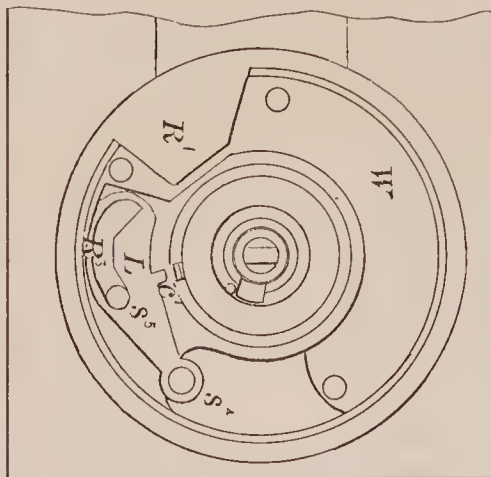
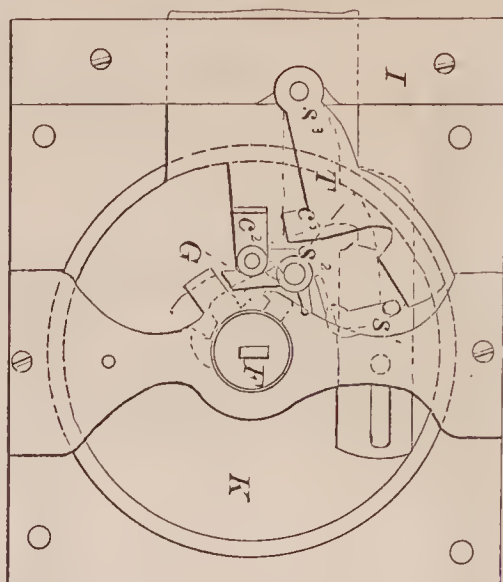


Fig. 5-II



Fig. 7-D



Fig. 6-II



Fig. 3-I

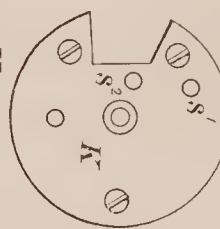


Fig. 2-II

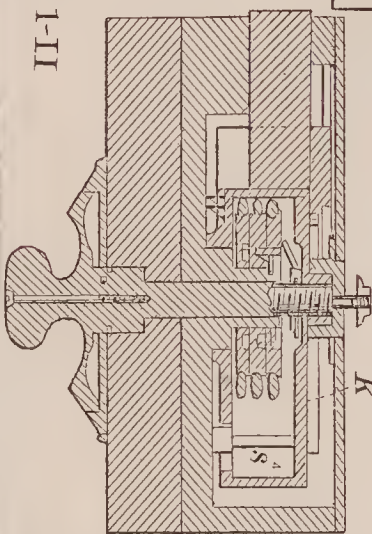
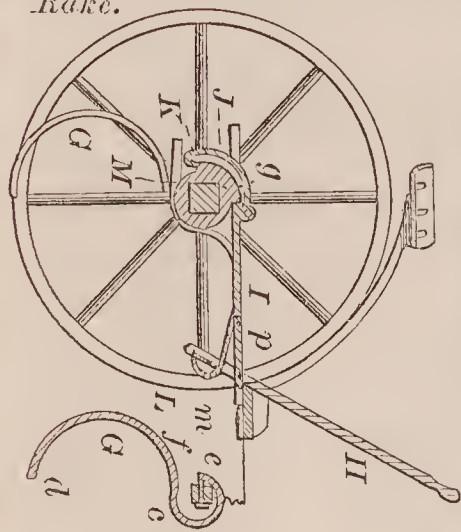
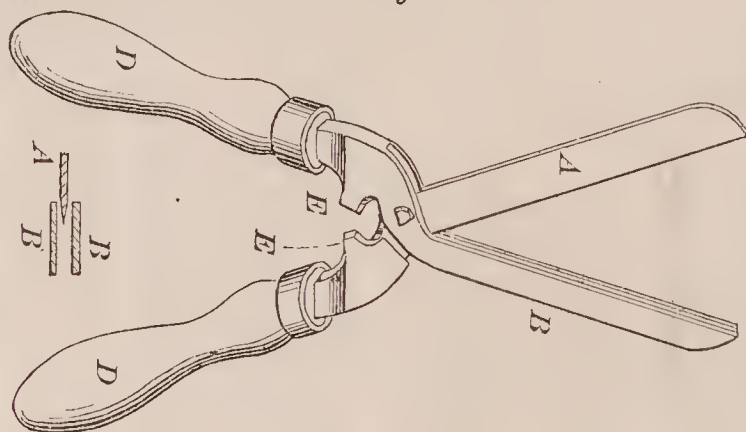
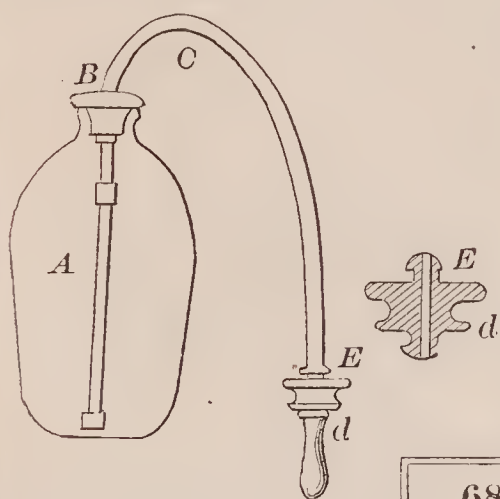
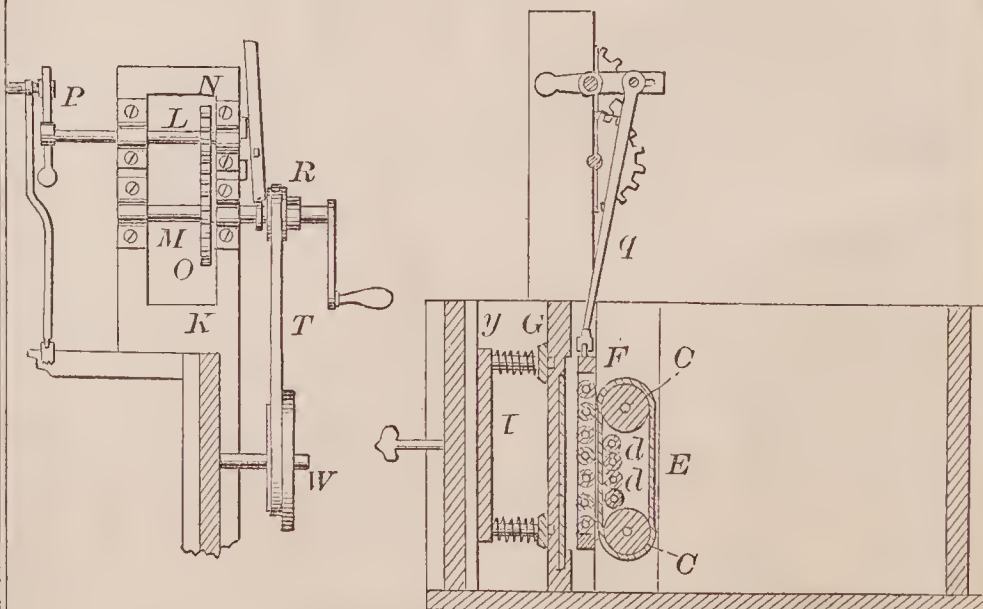
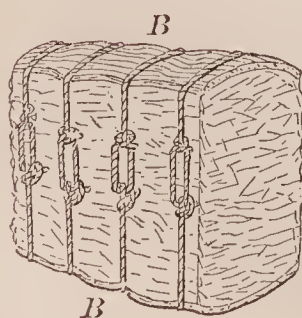
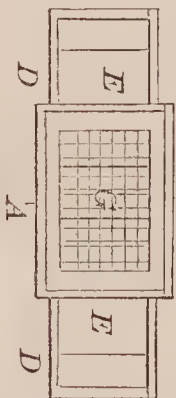
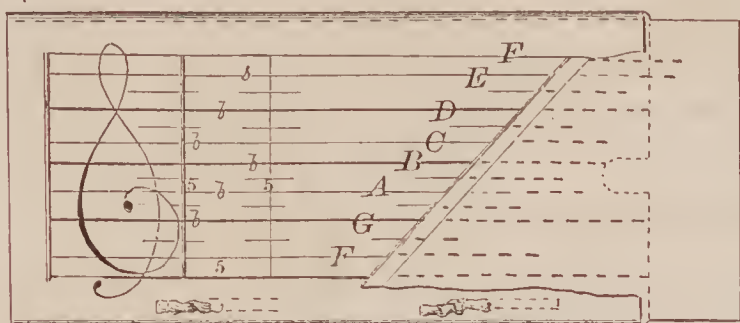


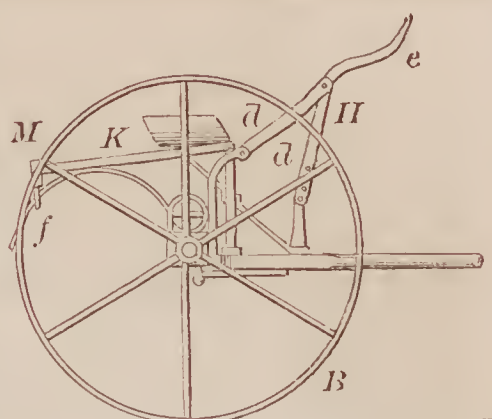
Fig. 1-II

68283—E. W. Bullard—*Horse Rake.*68280—F. Binder—*Hedge Trimmer.*68285—M. S. Burr—*Nursing Bottle.*68286—C. M. Carleton—*Washing Machine.*68282—C. Brown—*Baling Short Cut Hay, &c.*68279—W. A. Demis—*Cheese Curd Cutter.*

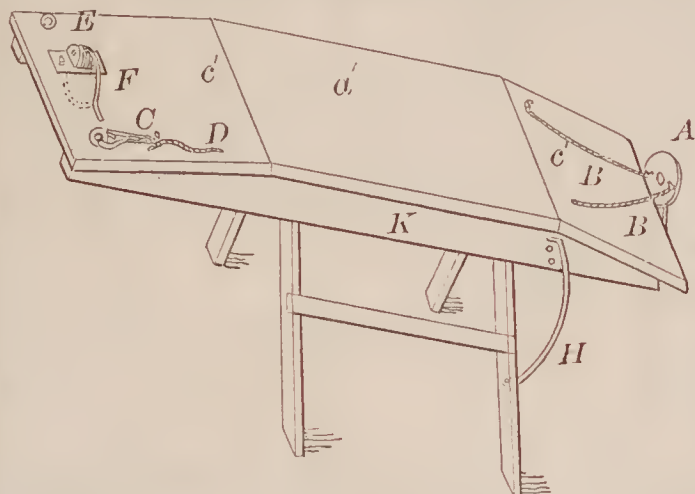
68287—W. E. Catlin—*Musical Scale.*



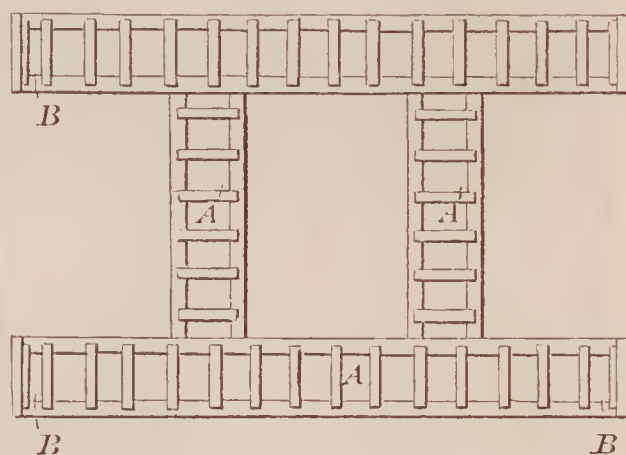
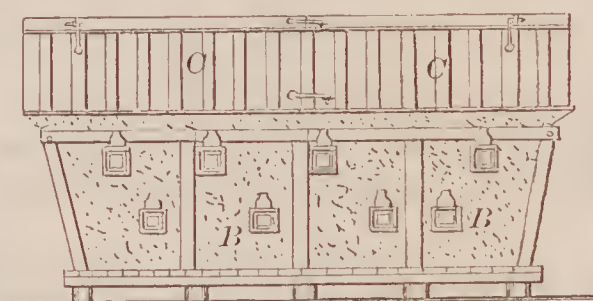
68288—A. W. Coates—*Horse Rake.*



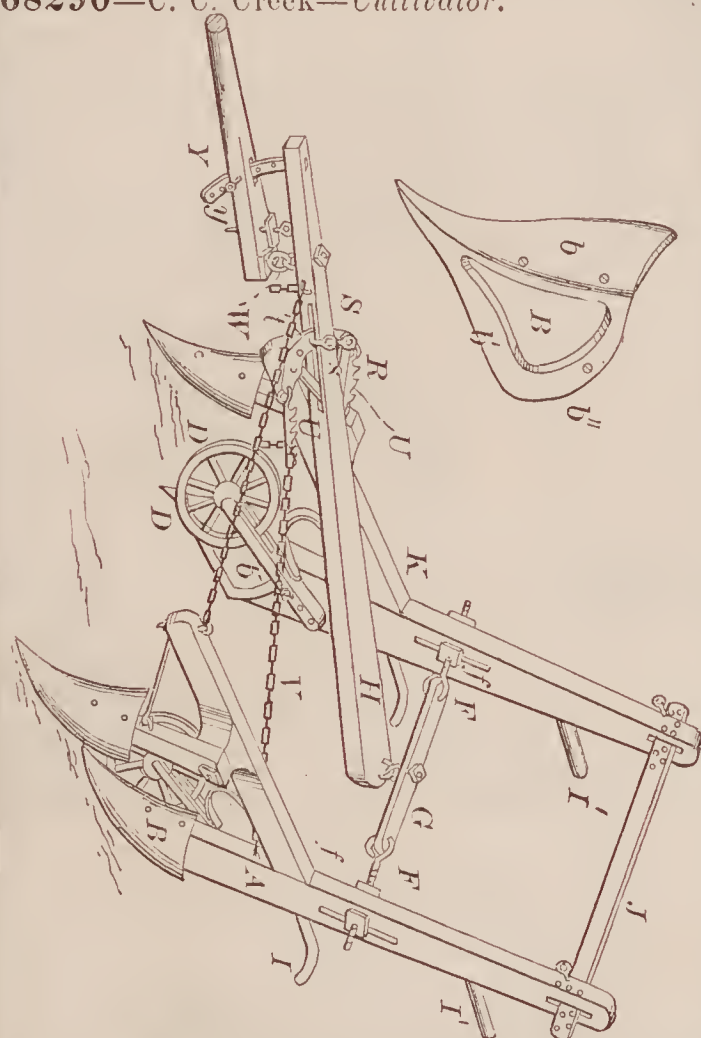
68289—Corlett, Sherman, Wolfe & Huston—*Sheep Shearing Table.*



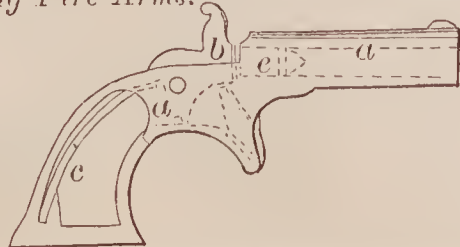
68291—F. Dorsett—*Curing and Preserving Grain.*



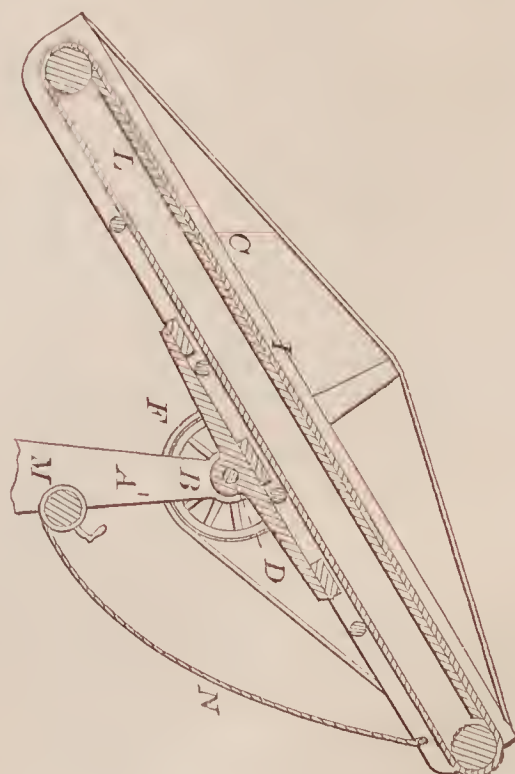
68290—C. C. Creek—*Cultivator.*



68292—W. H. Elliot—*Hammer for Breech-Loading Fire Arms.*



68293—A. Erkenbrecher—*Corn Elevator.*



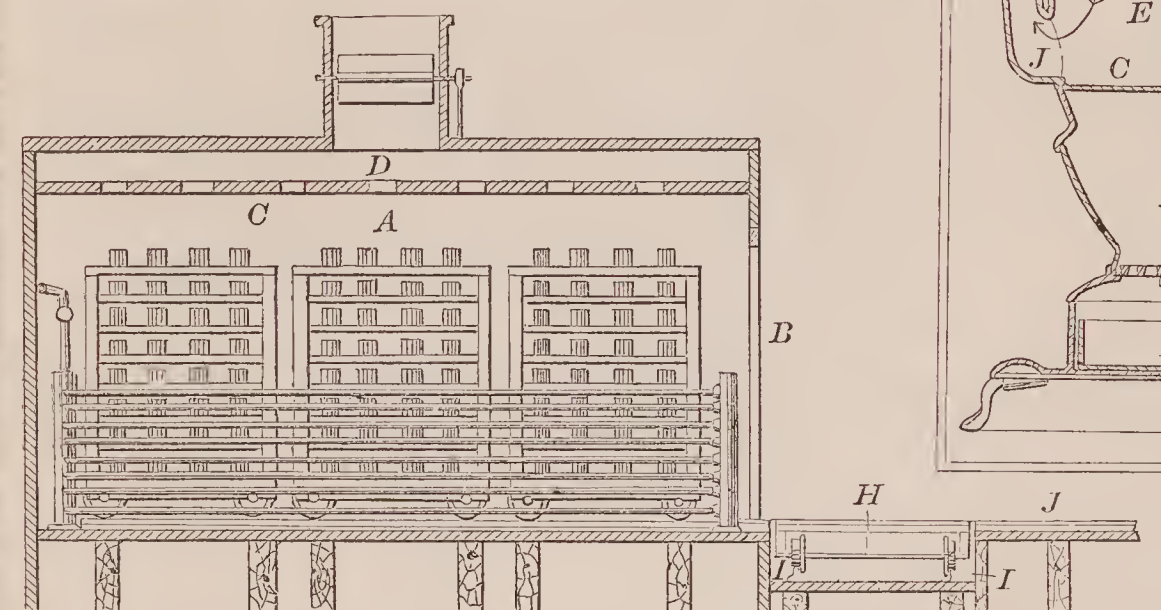
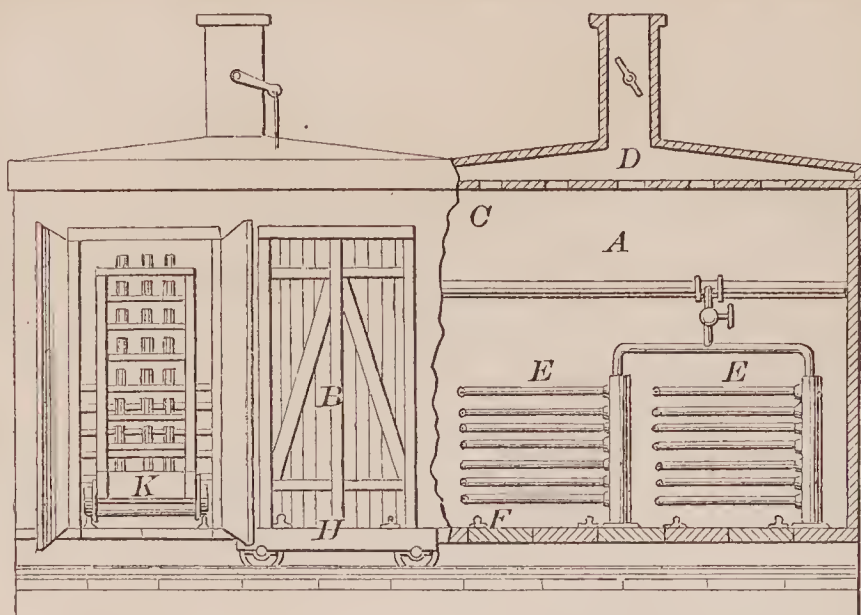
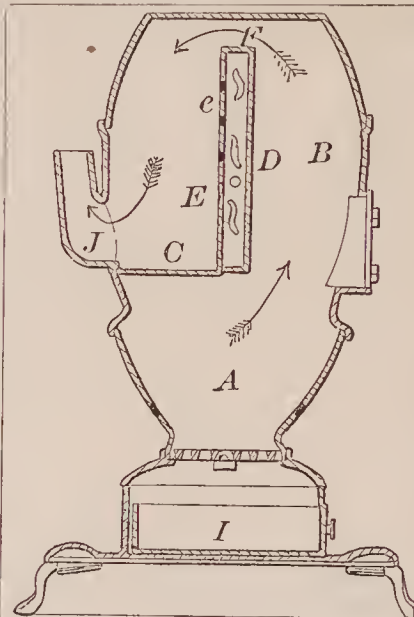
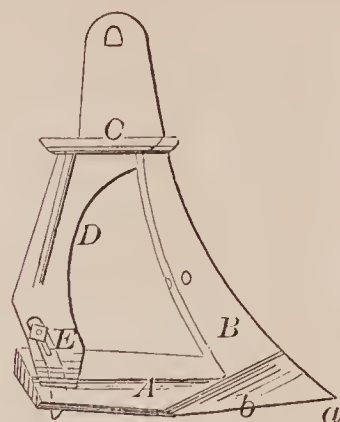
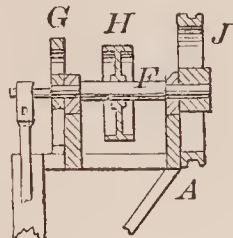
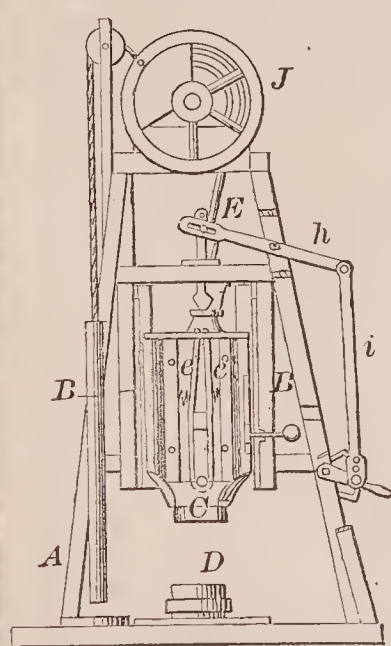
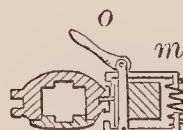
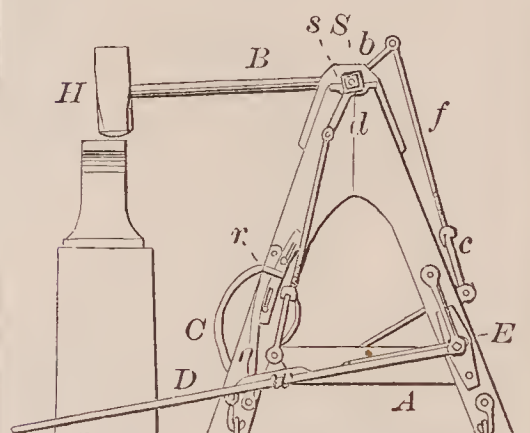
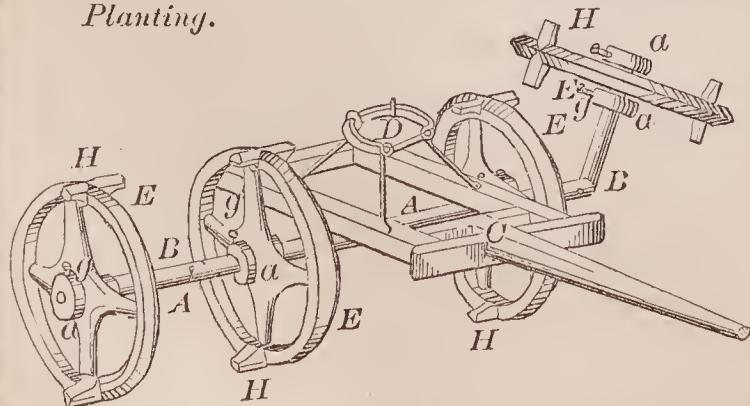
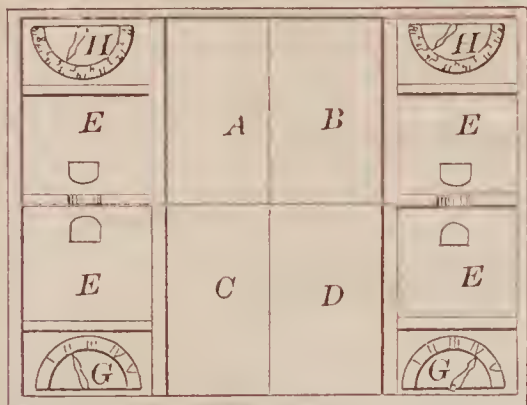
68294—A. Erkenbrecher—*For Drying Starch.*68296—T. T. Fleming—*Cotton Scraper.*68299—J. Grossius—*Heating Stove.*68295—J. Fandler—*Trip Hammer.*

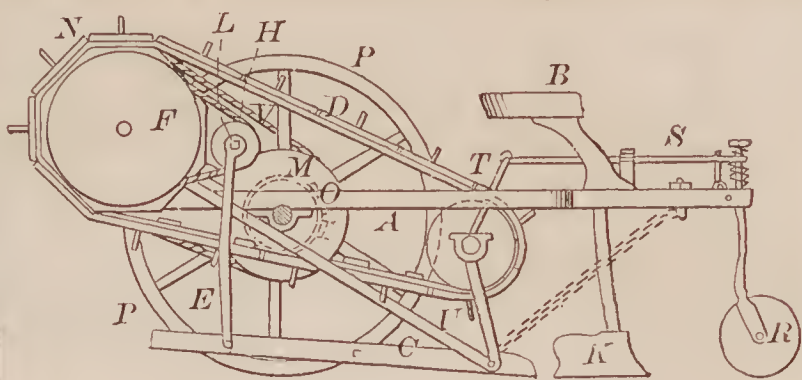
Fig. 3

68301—M. Hunkley—*Power Hammer.*68300—Hall & Eckel—*Stove Boiler Cover.*68297—D. A. Freeman—*Corn Marker for Planting.*

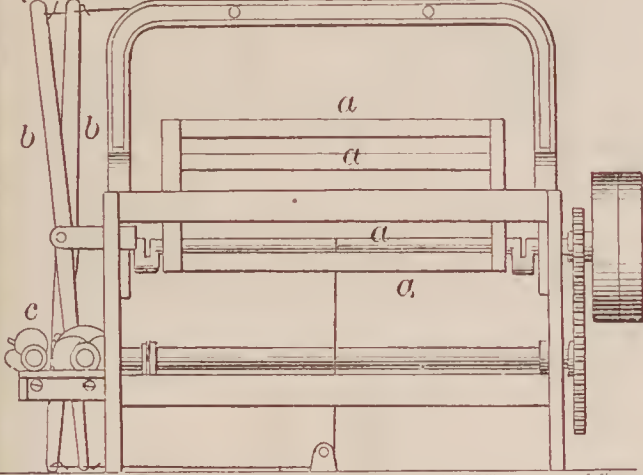
68302—R. S. Jennings—*Playing Card Board.*



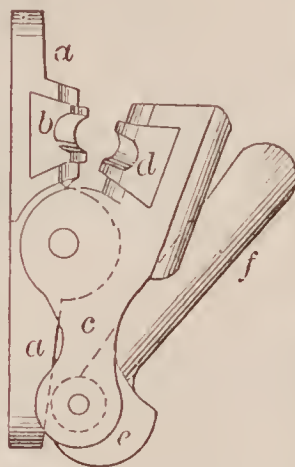
68309—N. S. Noyes—*Potato Digger.*



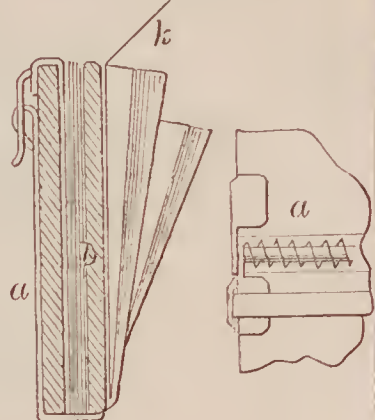
68303—L. J. Knowles—*Harness Motion for Looms.*



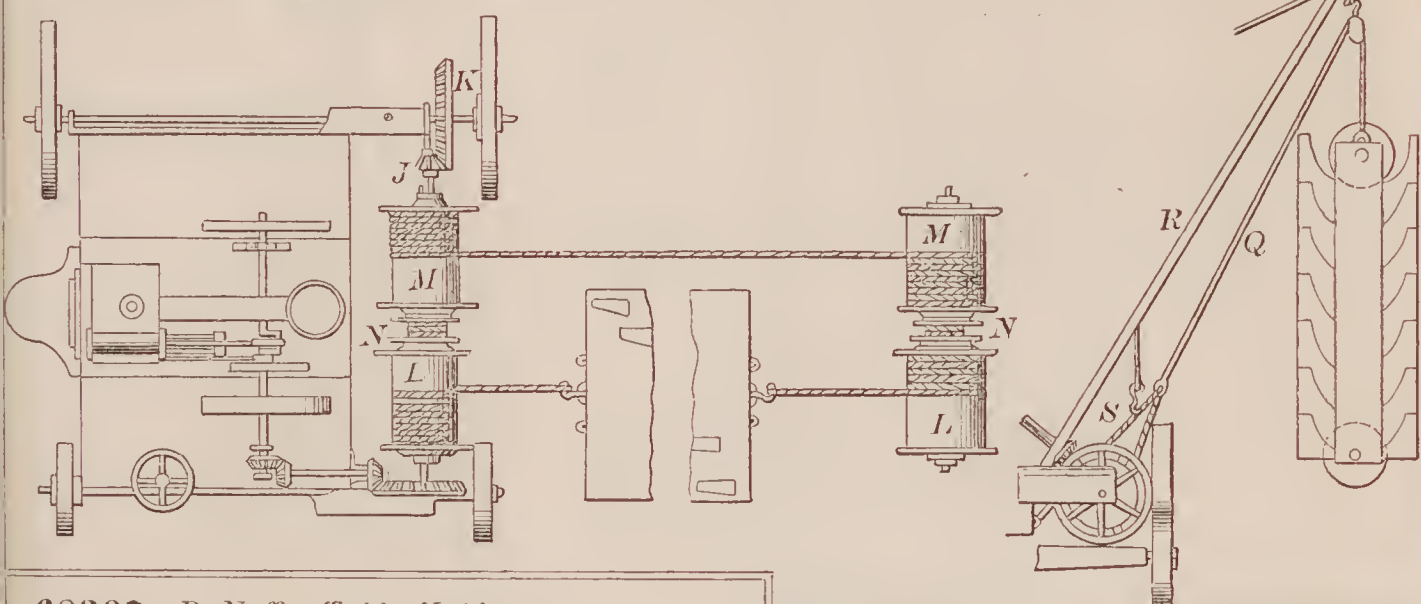
68304—W. Morse—*Line Holder.*



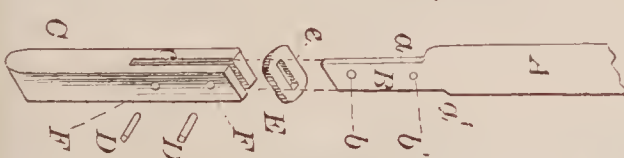
68305—G. Moulton—*Bill Holder.*



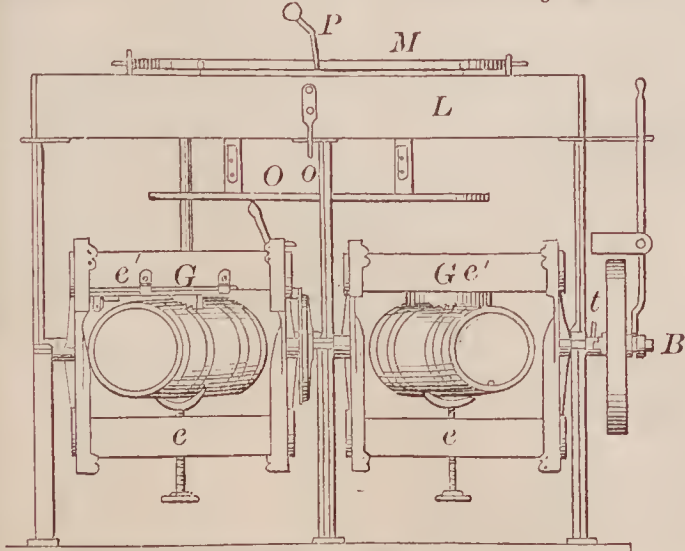
68310—H. E. Paine—*Steam Plow.*



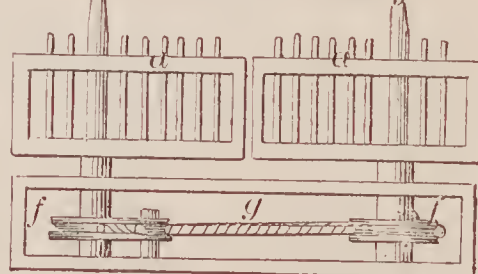
68307—P. Neff—*Table Knife.*



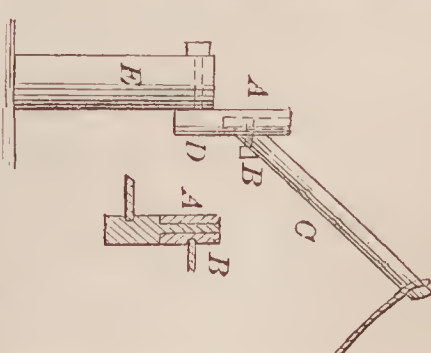
68311—J. Peacock—*Barrel Washing Machine.*



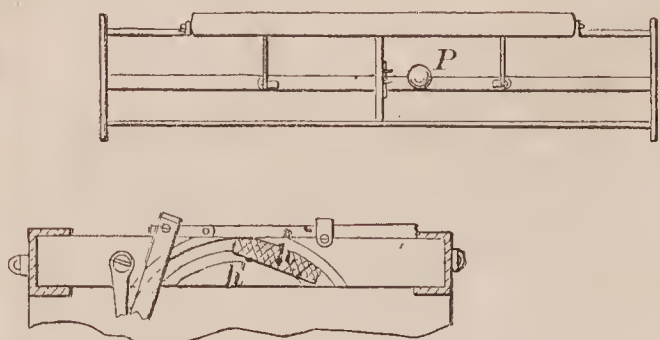
68306—Mason & Wilson—*Gate for Railroad Crossings.*



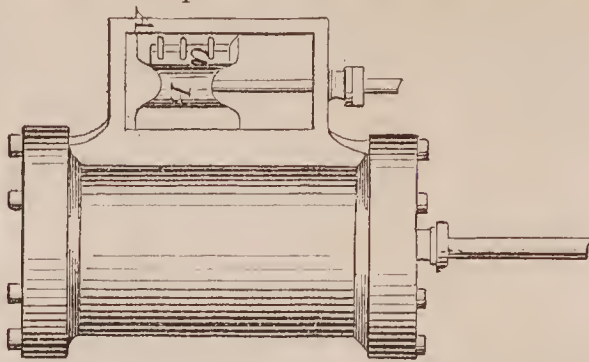
68308—D. Newton—*Hitching Post.*



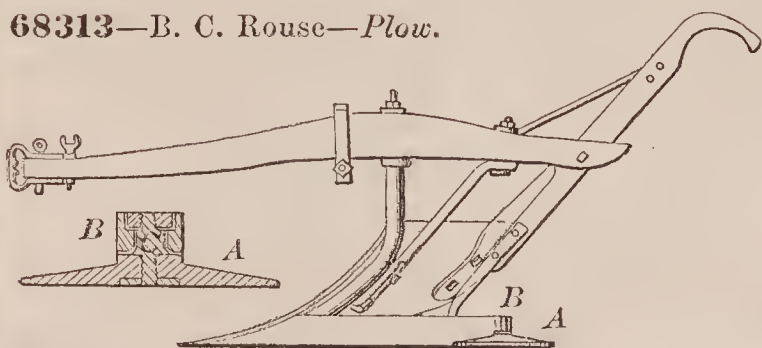
68311—Continued.



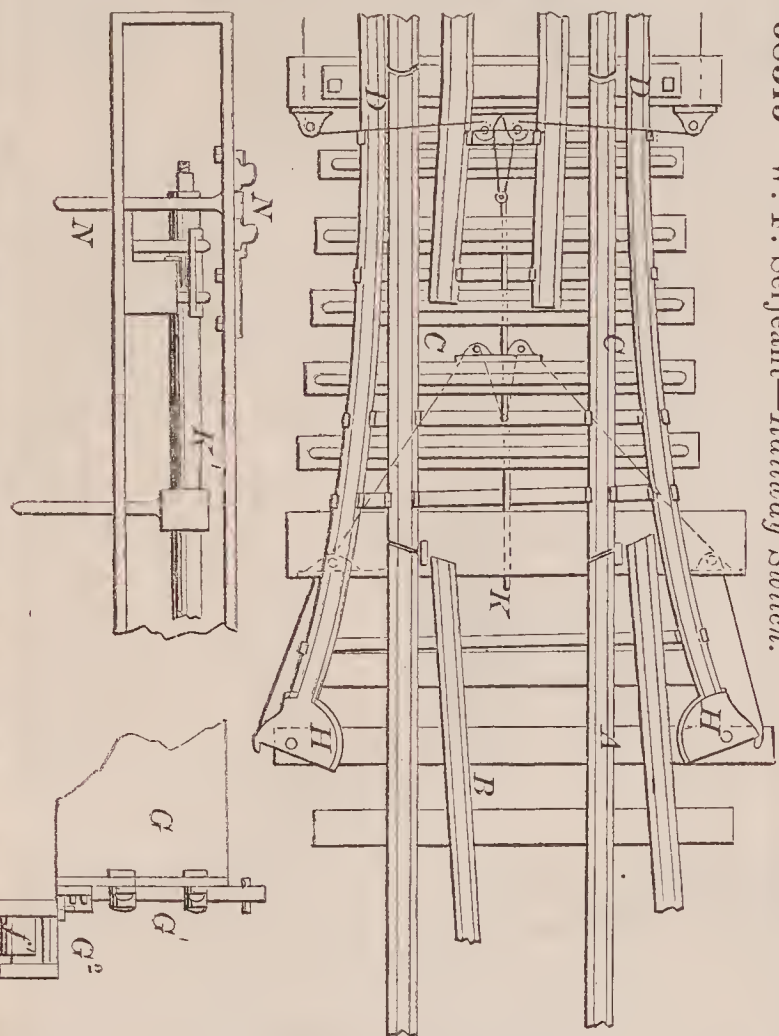
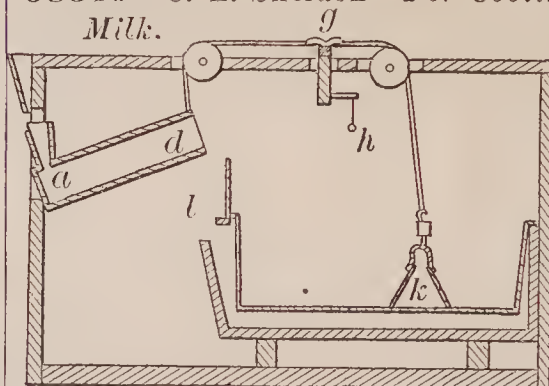
68312—Piper & Marshall—Slide Valve.



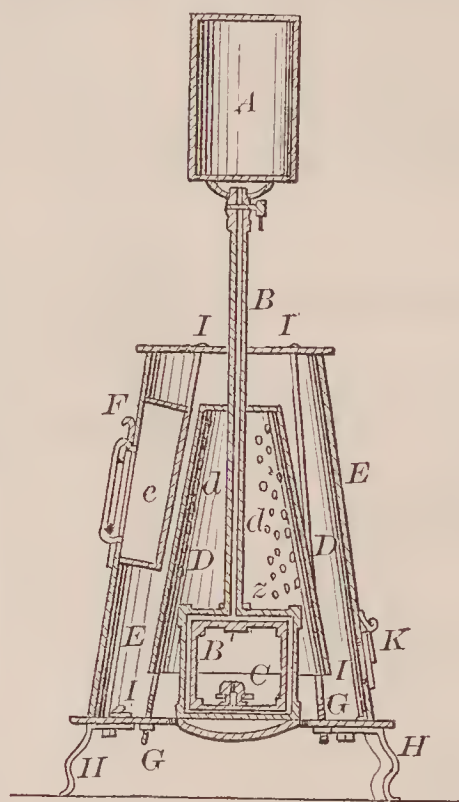
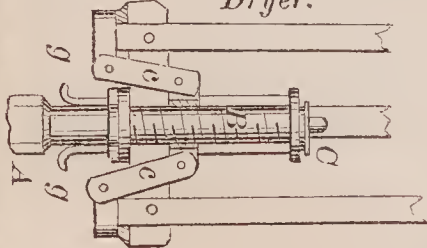
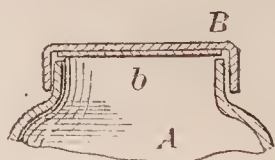
68313—B. C. Rouse—Plow.



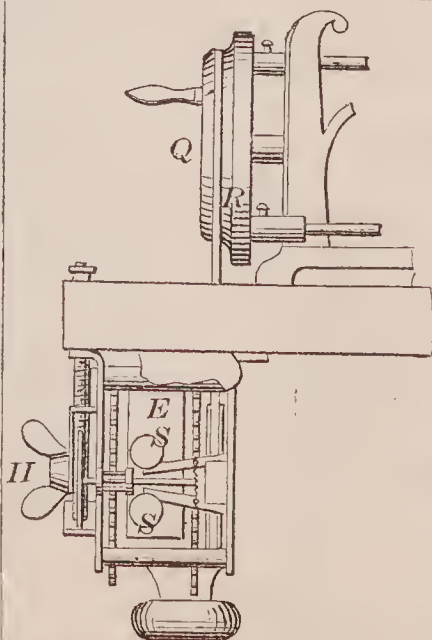
68316—C. L. Sheldon—For Cooling Milk.



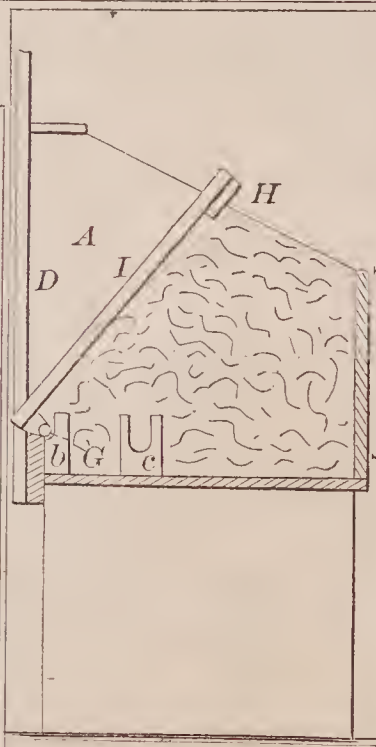
68315—W. F. Sergeant—Railway Switch.

68318—J. D. Spang—Gas Heating Apparatus.
for Sad Irons.68317—G. P. Sisson—Clothes
Dryer.68319—C. F. Spencer—
Fruit Jar.

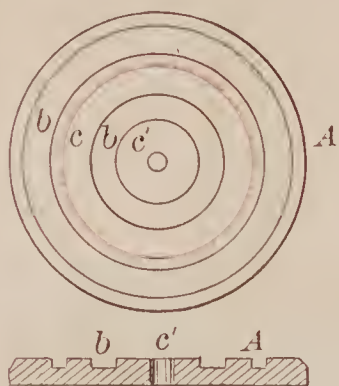
68314—L. W. Sapp—Mechanical Power.



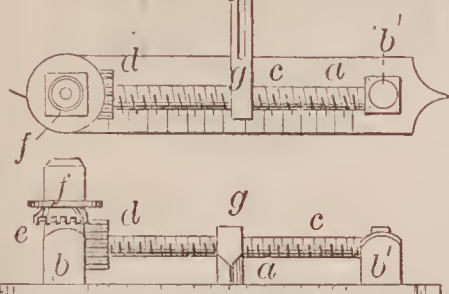
68320—D. Stapleton—Sheep Rack.



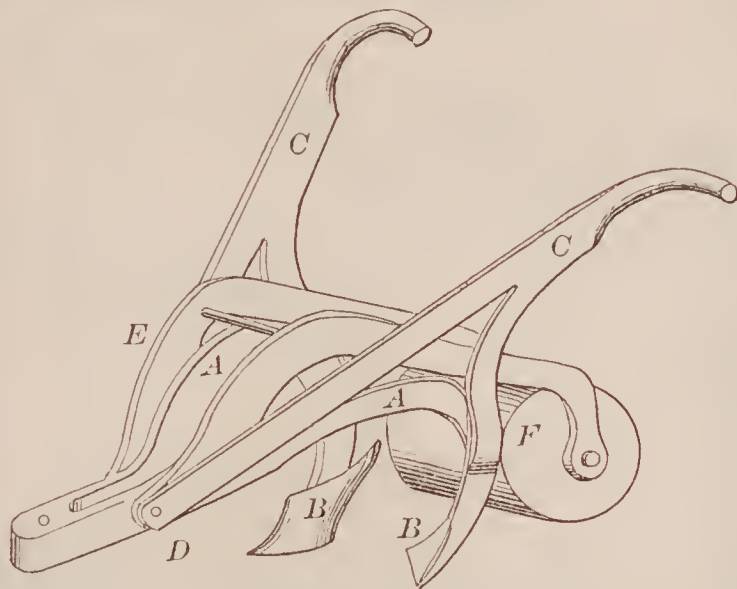
68322—G. St. George, Jr.—*Barrel.*



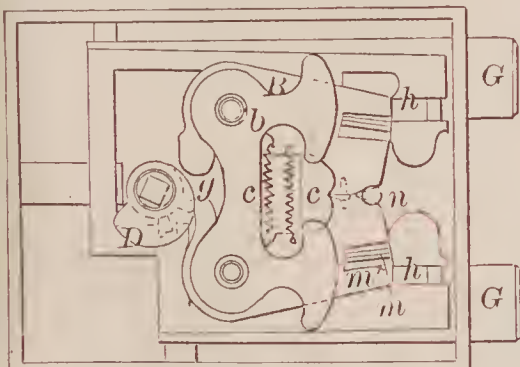
68324—W. B. Tucker—*Watch Regulator.*



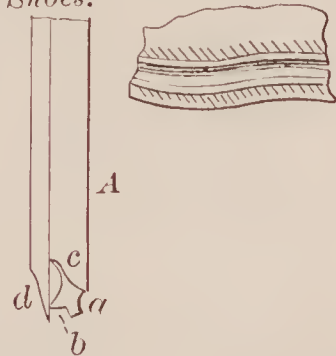
68329—A. J. Combs—*Corn Coverer.*



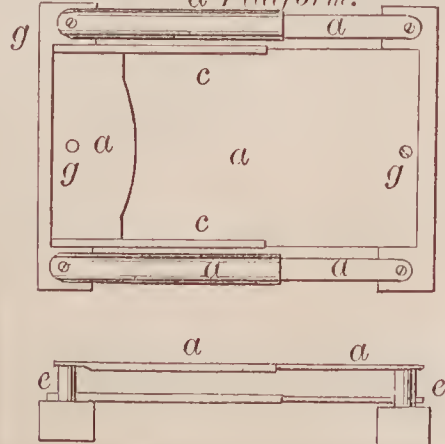
68334—Allen & Brady—*Door Lock.*



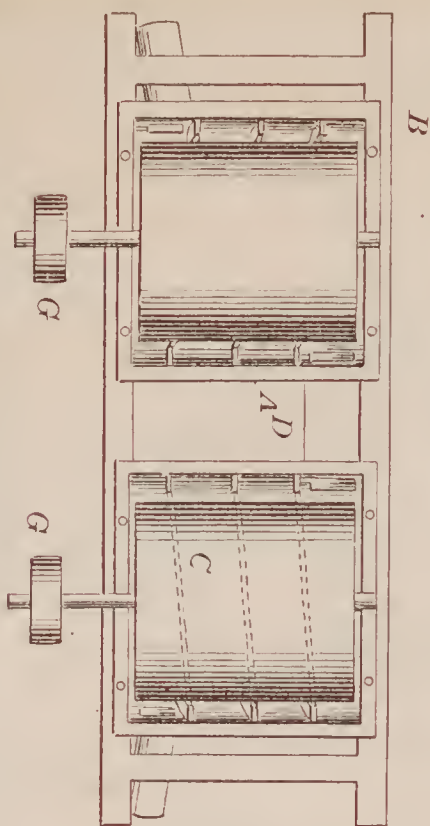
68330—Duchemin & Jeffers—*Boots and Shoes.*



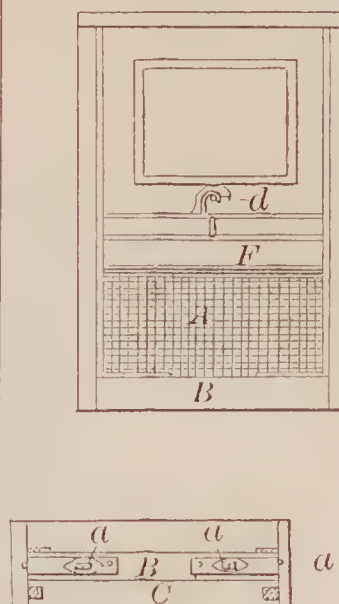
68327—H. S. Wilcox—*Car a Platform.*



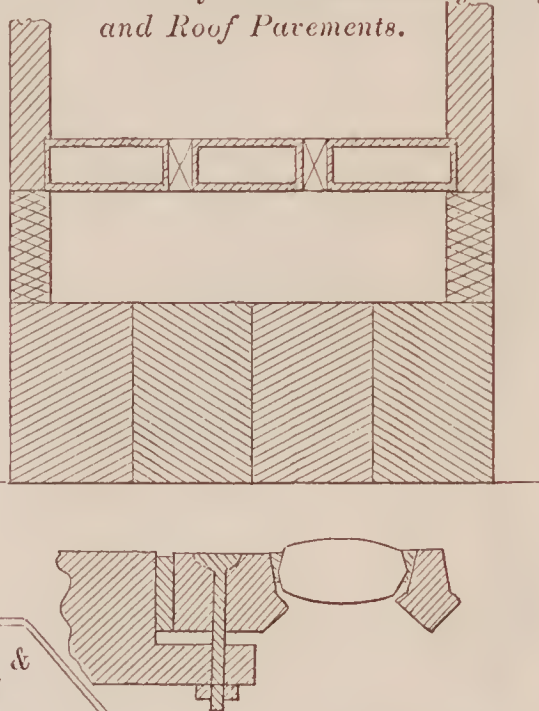
68325—T. Welham—*Water Wheel.*



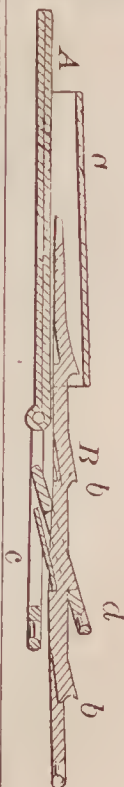
68326—A. J. Whittier—*Mosquito Bar and Window Screen.*



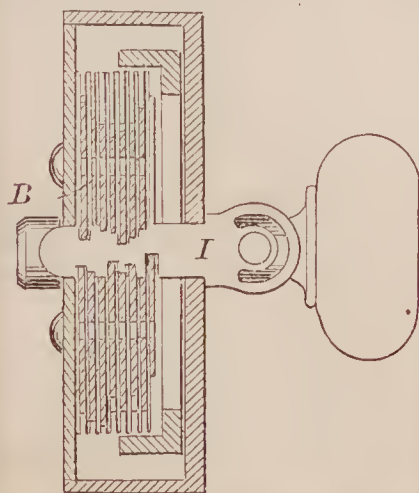
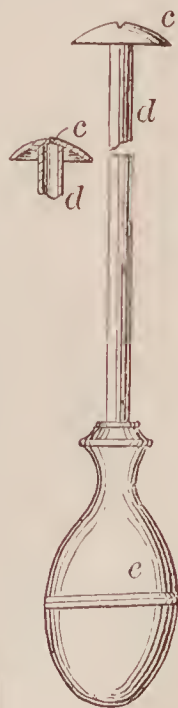
68332—T. Hyatt—*Illuminating Roofs and Roof Pavements.*

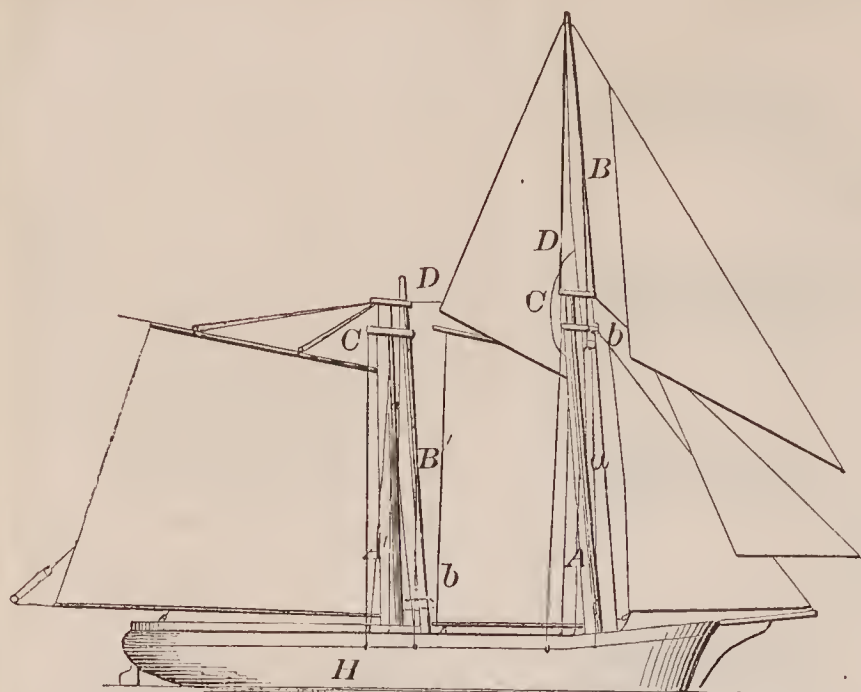
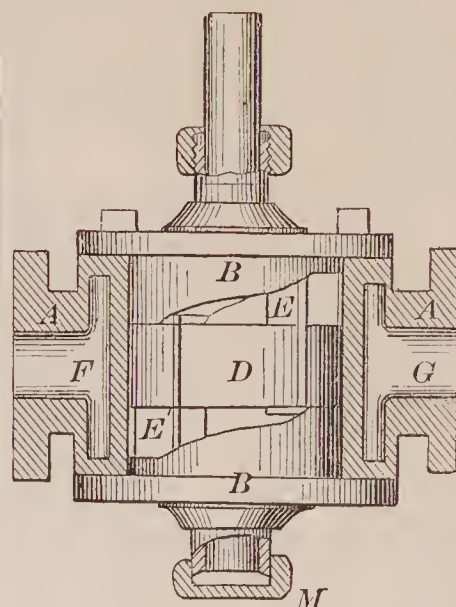
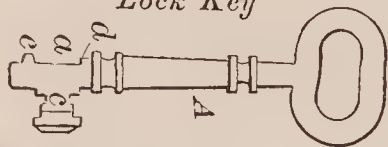
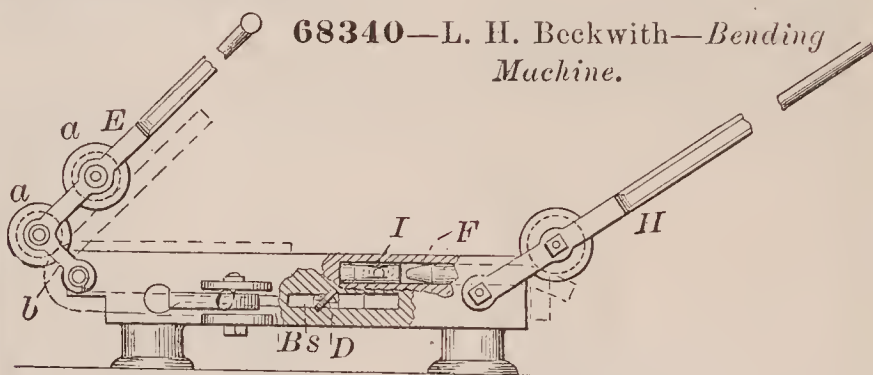
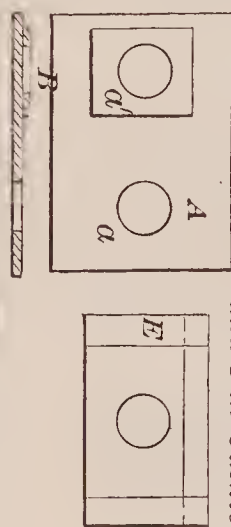
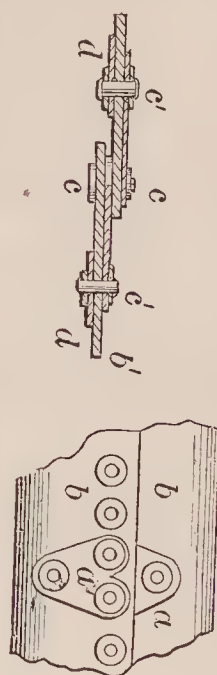
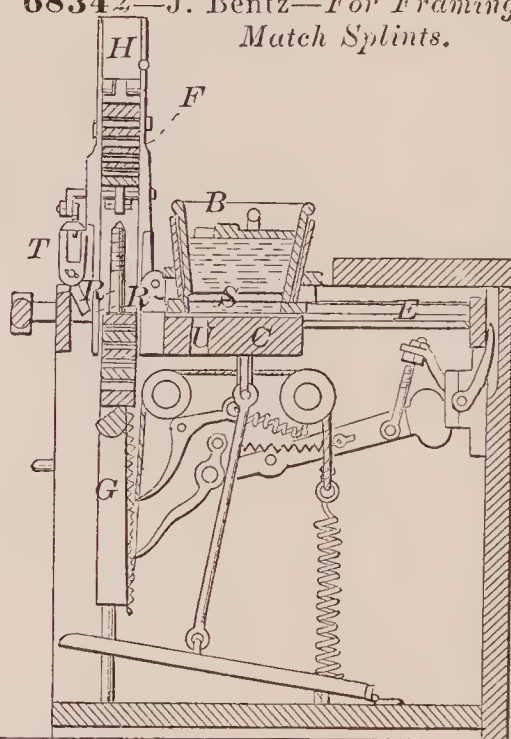
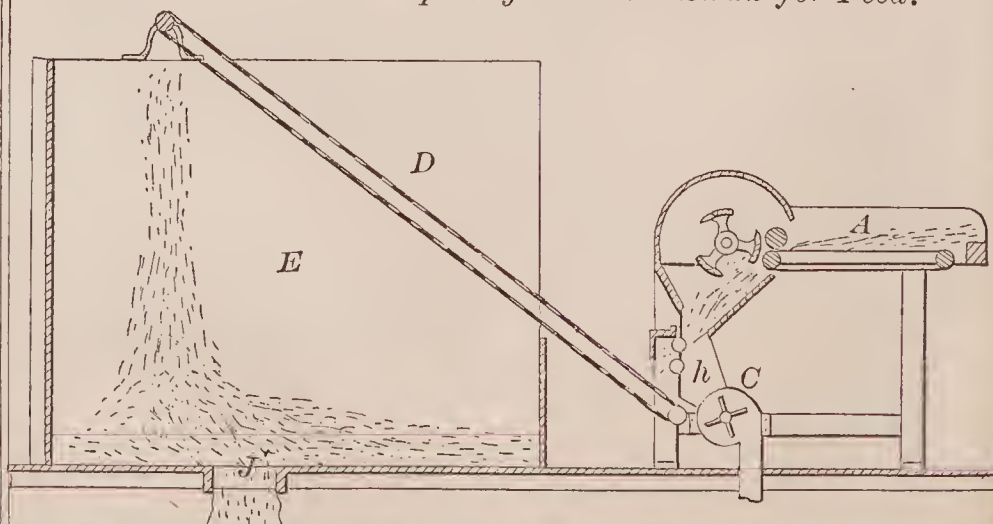
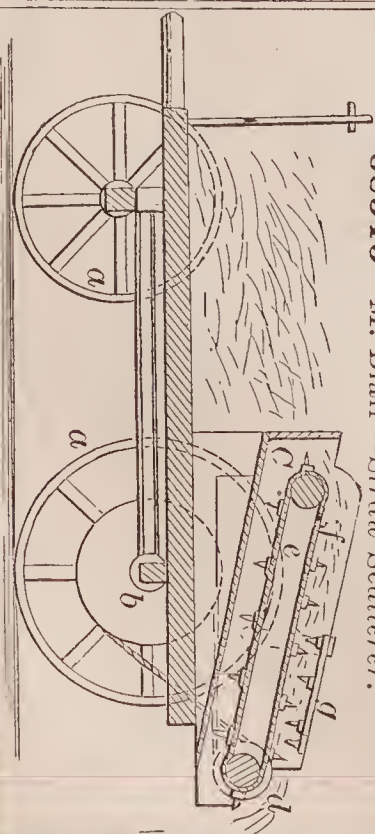


68323—A. Thompson—*Trace Attachment.*

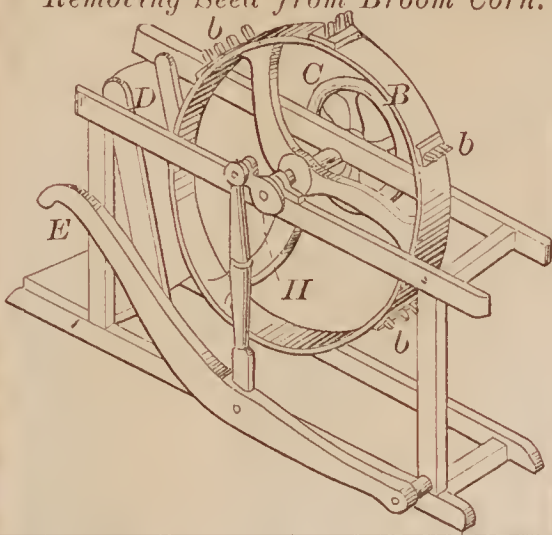


68333—A. W. Washburn—*Vaginal Syringe.*

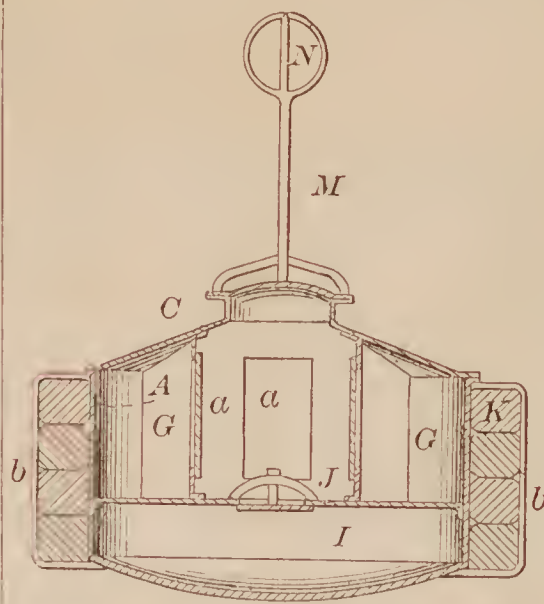


68336—J. Atwood, Jr.—*Rig for Sloops and Schooners.*68337—W. Atwood—*Rotary Engine.*68338—A. G. Batchelder—*Lock Key*68340—L. H. Beckwith—*Bending Machine.*68341—A. Bedford—*Strap Attachment.*68339—De W. C. Beamer—*Business Card and Pin Cushion.*68344—G. H. Bonaffon—*Hose.*68342—J. Bentz—*For Framing Match Splints.*68345—C. Brown—*Preparing Short Cut Straw for Feed.*68343—M. Blair—*Straw Scatterer.*

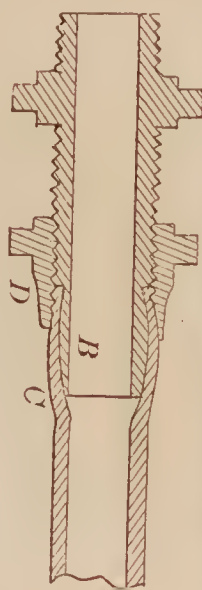
68346—J. D. Brown—*For Removing Seed from Broom Corn.*



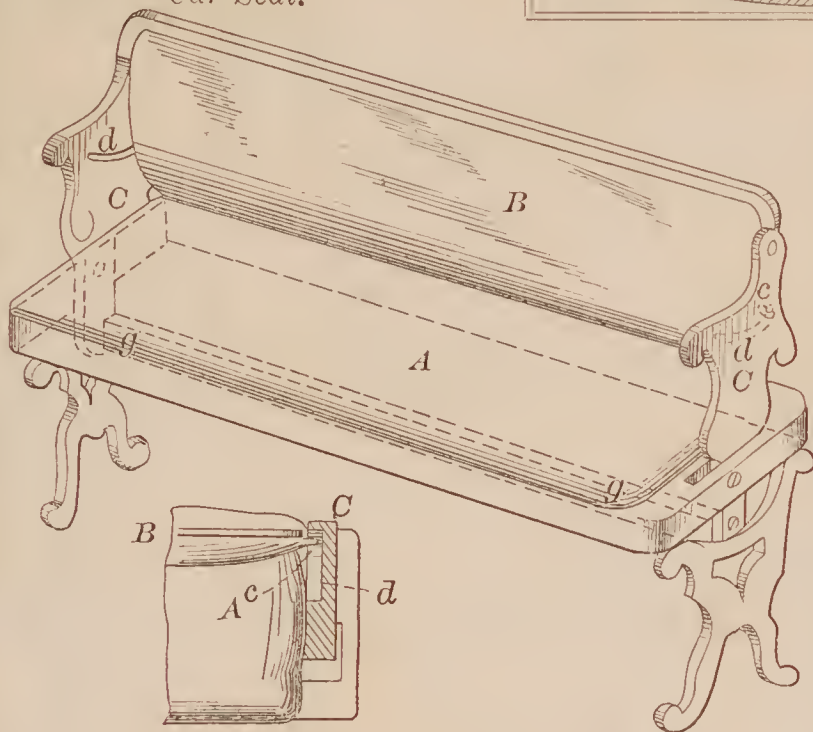
68349—F. C. Buisson—*Buoy Safe.*



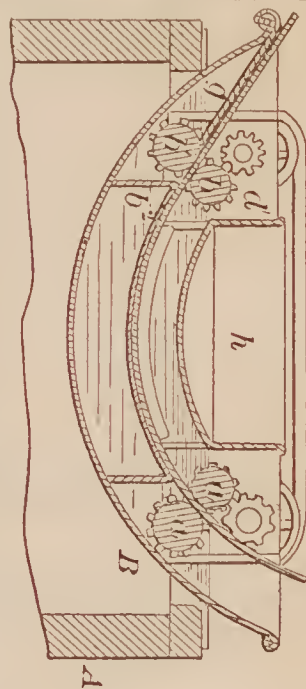
68348—J. R. Buchanan—*Hose Coupling*



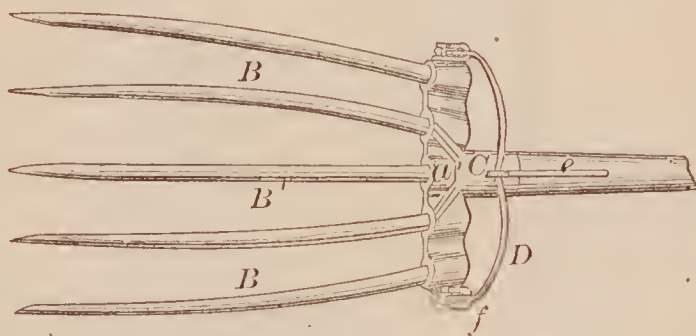
68347—J. A. Brown—*Railway Car Seat.*



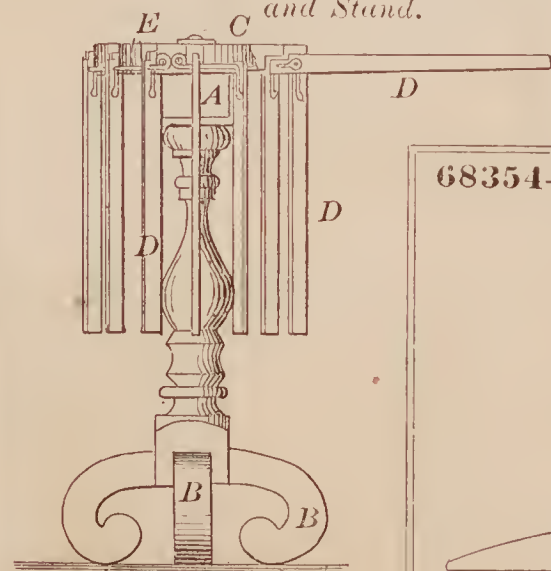
68351—H. W. Butterworth—*For Coating Metal Plates with Tin.*



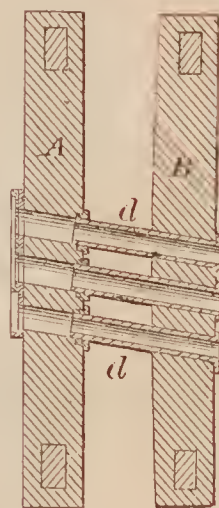
68352—A. Clow—*Grain Fork.*



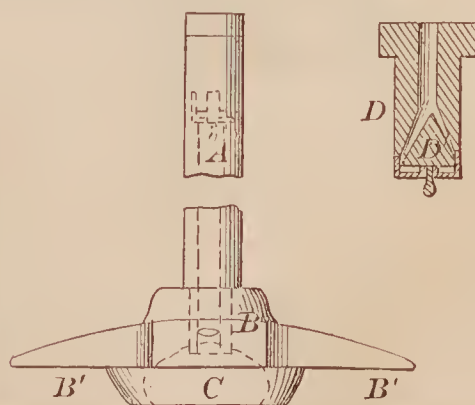
68355—W. H. Earnest—*Clothes Dryer and Stand.*



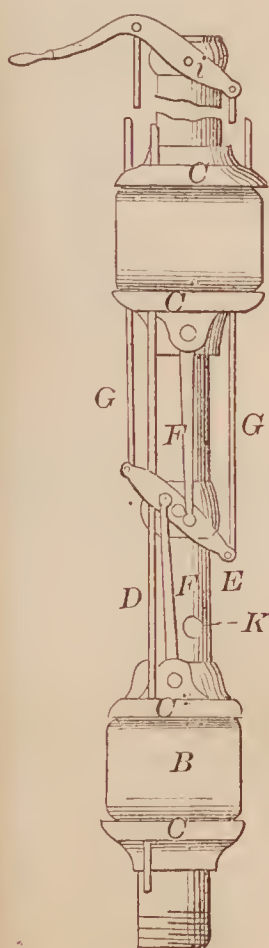
68353—S. Darling—*Window Ventilator.*

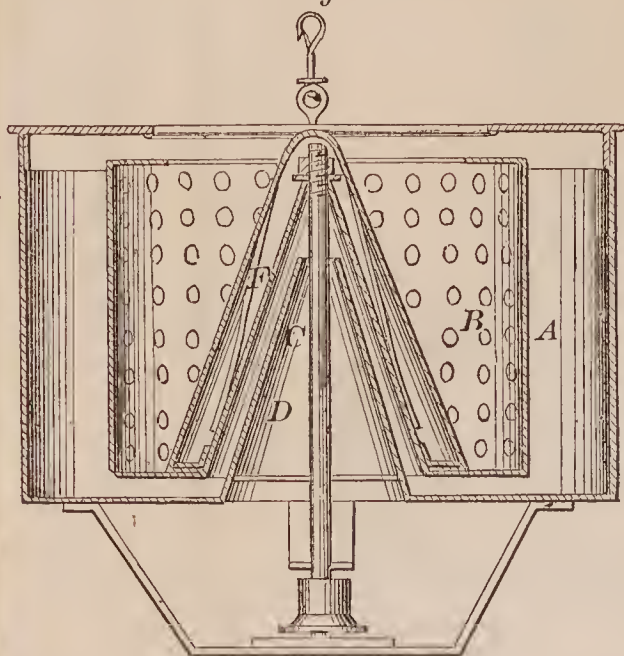
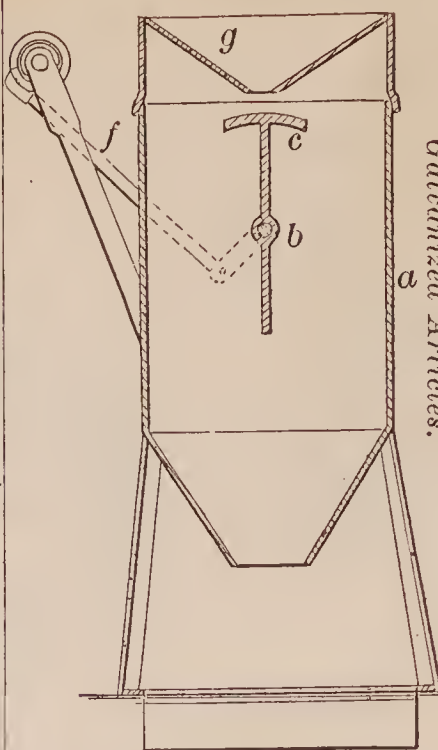
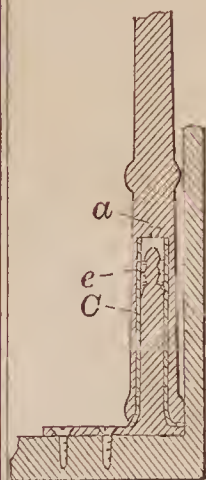
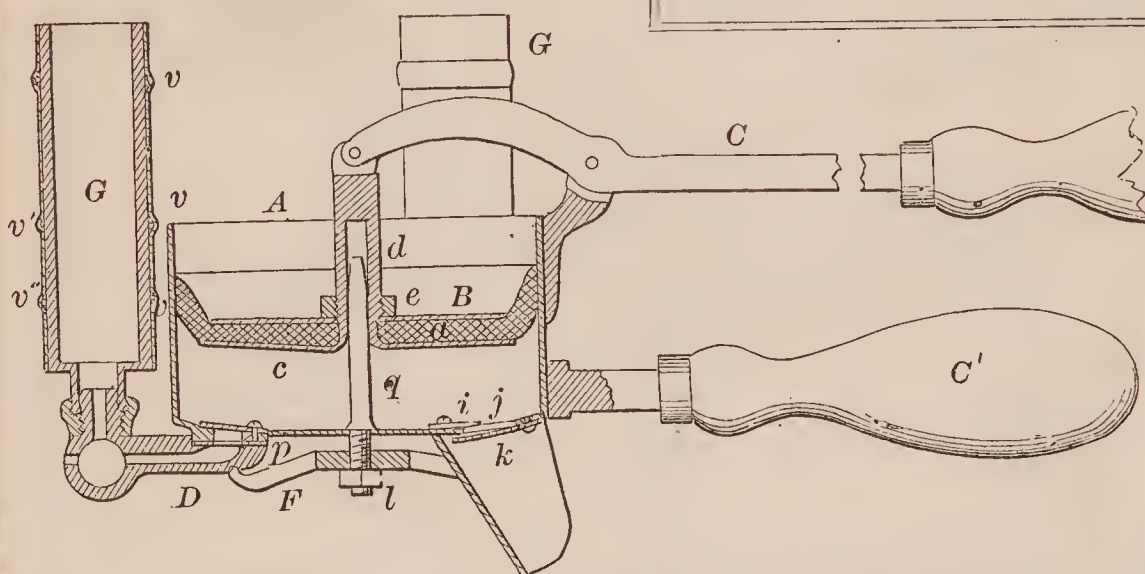
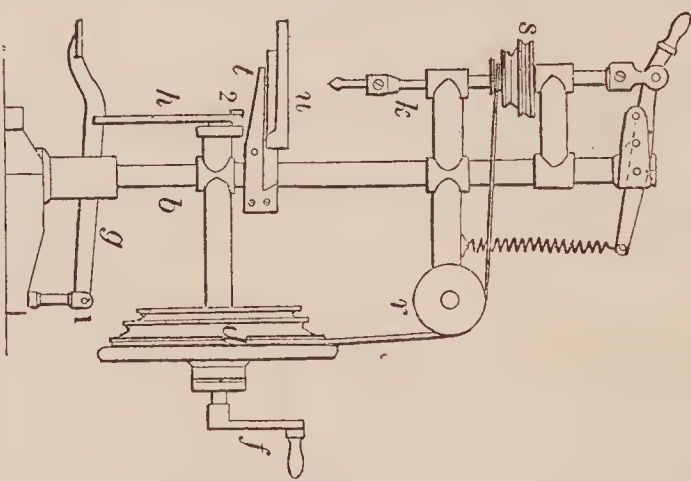
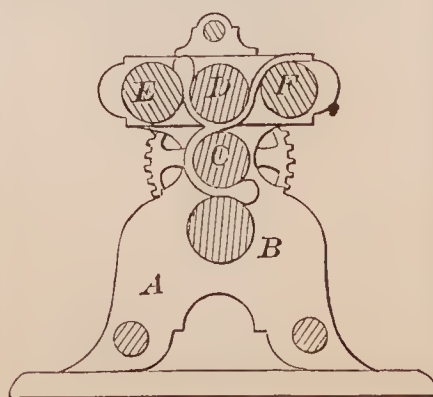
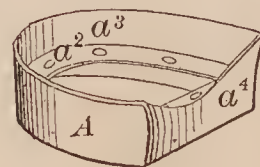
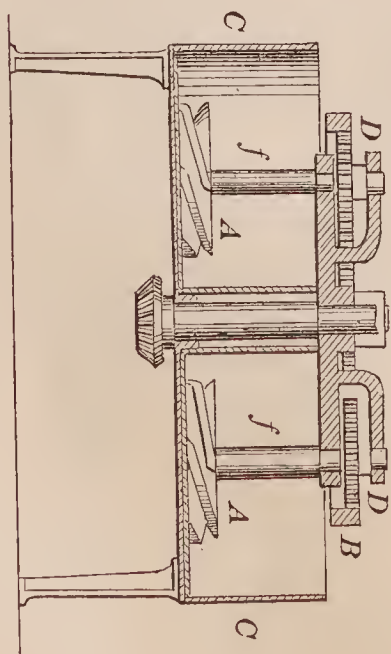
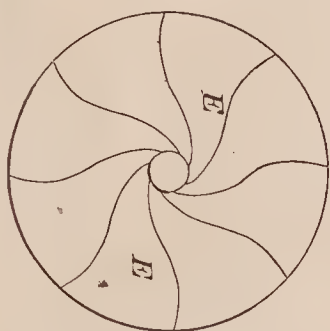


68354—G. H. Dow—*Churn Dasher.*

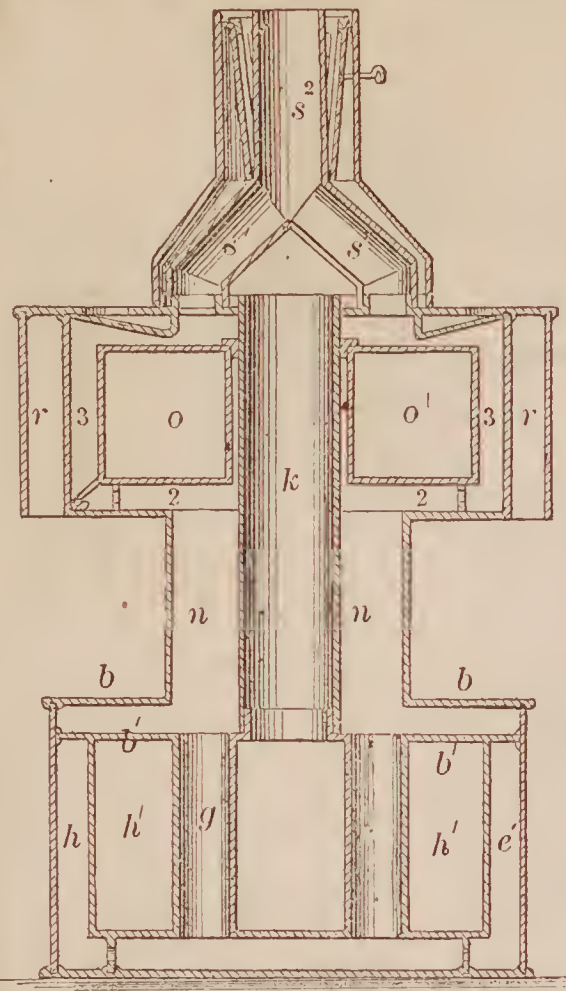


68350—Burr & Wakelee—*For Testing Deep Wells.*

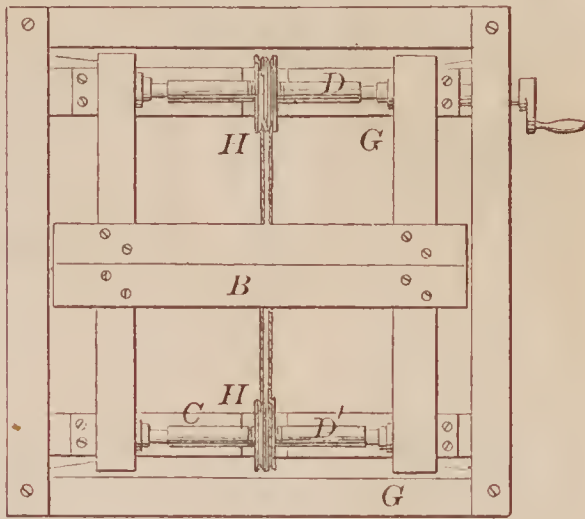


68356—G. E. Evans—*For Washing Sugar.*68357—H. E. Fowler—*For Separating Tinned and Galvanized Articles.*68360—J. Gibson, Jr.—*For Holding Whips.*68358—G. H. Gardner—*Cow Milker.*68361—J. F. Goldthwait—*Shoe Buttoner.*68362—W. D. Grimshaw—*Drilling Machine.*68365—D. C. Hull—*For Rolling Rubber into Sheets.*68364—J. Hubbell—*Boot Heel.*68359—H. A. Gaston—*Analysator.*

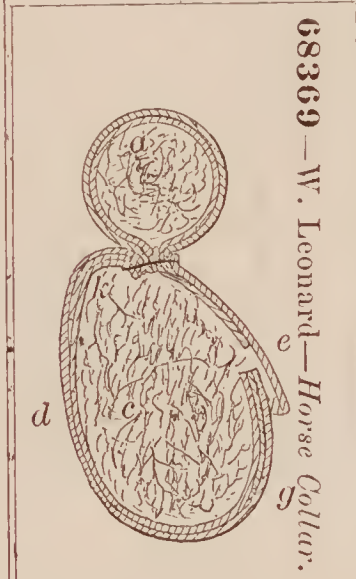
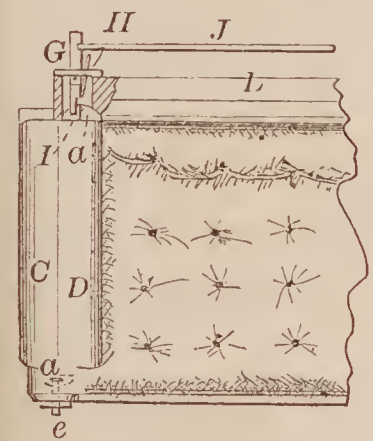
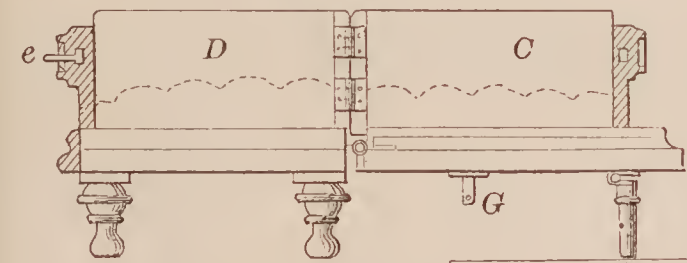
68366—M. C. Hull—Cooking Range.



68371—C. C. Lyman—Platform Scale.

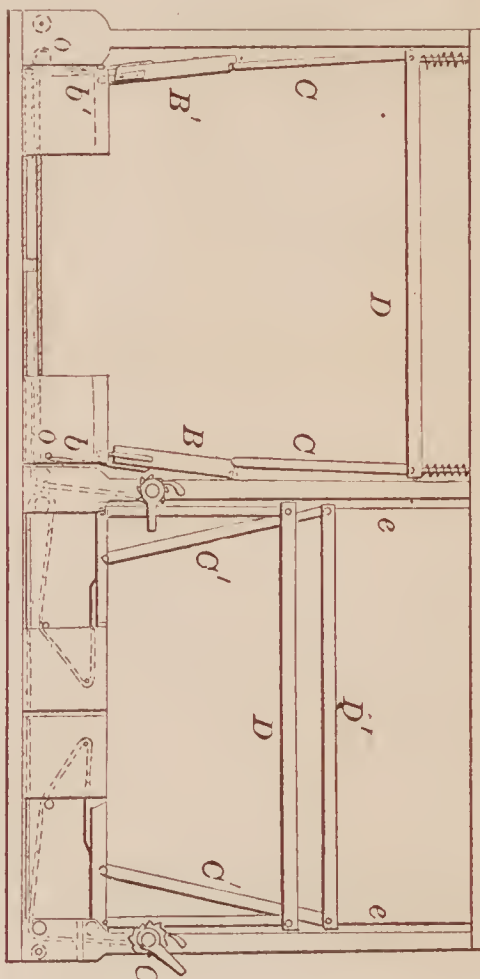


68373—C. F. Martine—Sofa Bedstead.

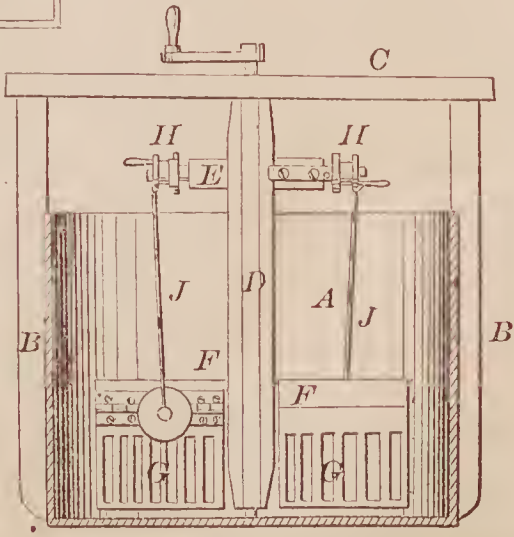


68369—W. Leonard—Horse Collar.

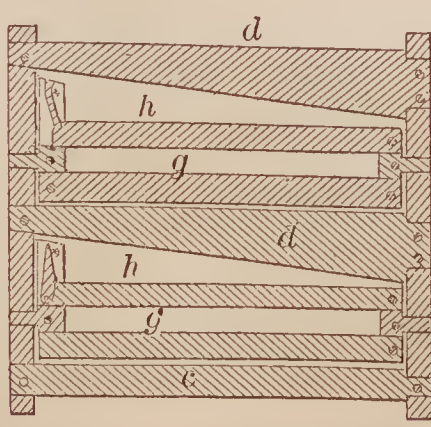
68368—I. W. Lamb—Car Seat and Couch.

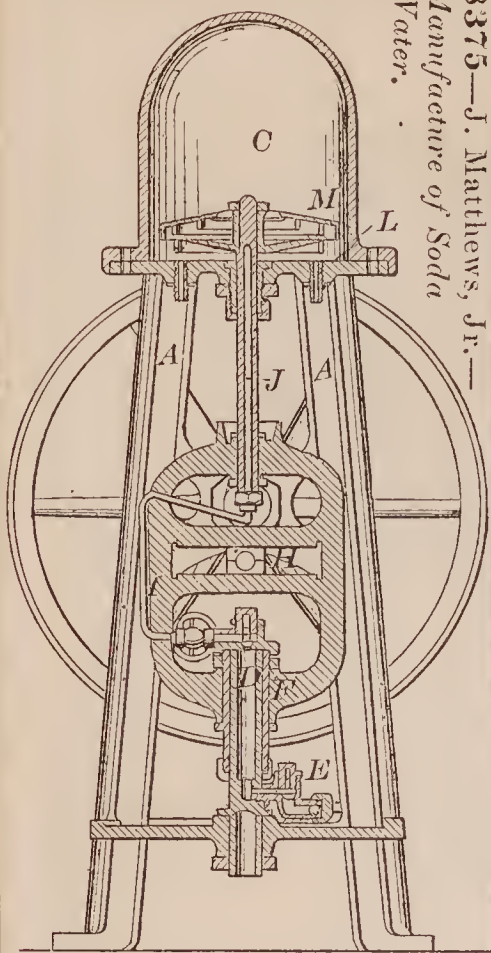


68374—Mason & Brant—For Stirring Starch.



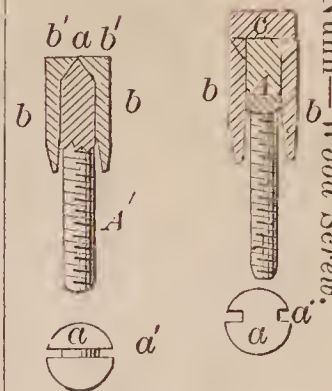
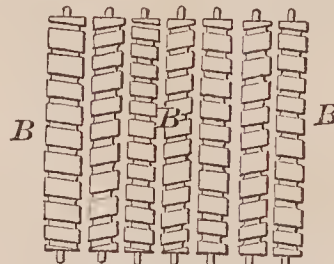
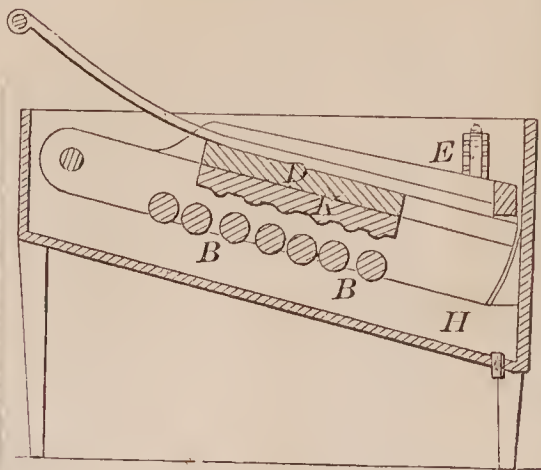
68372—C. H. Mann—Cattle Stanchion.





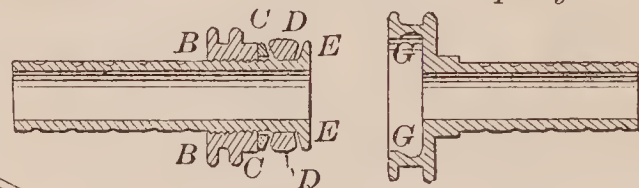
68375—J. Matthews, Jr.—
Manufacture of Soda
Water.

68378—L. Merrifield—*Washing
Machine.*

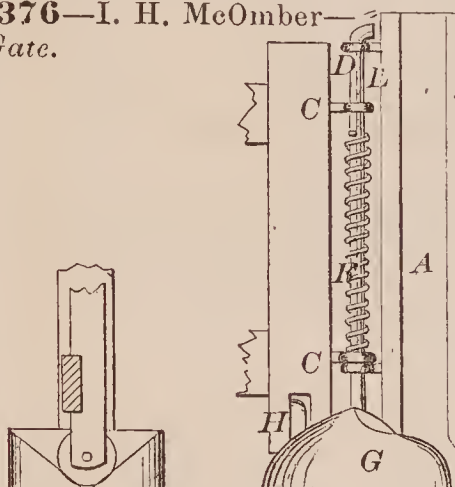


68381—R. J. Nunn—*Wood Screw.*

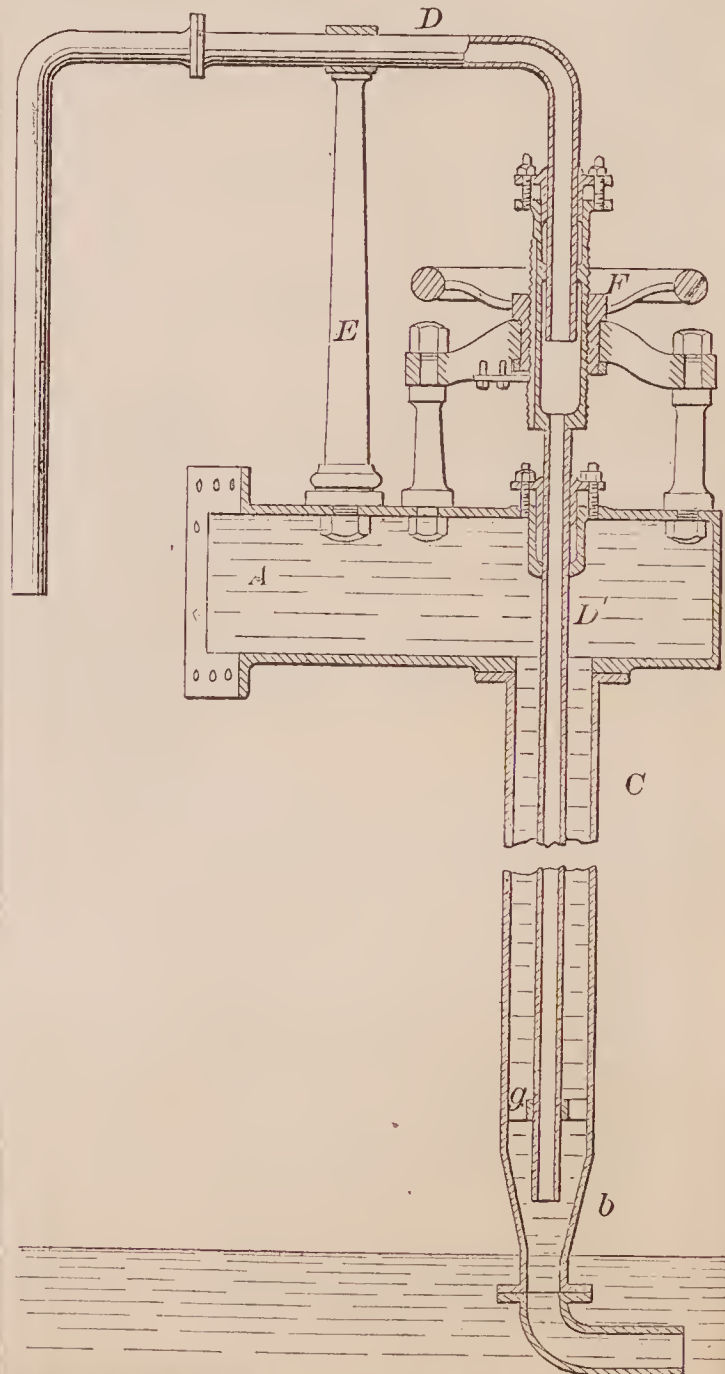
68380—P. H. Niles—*Hose Coupling.*



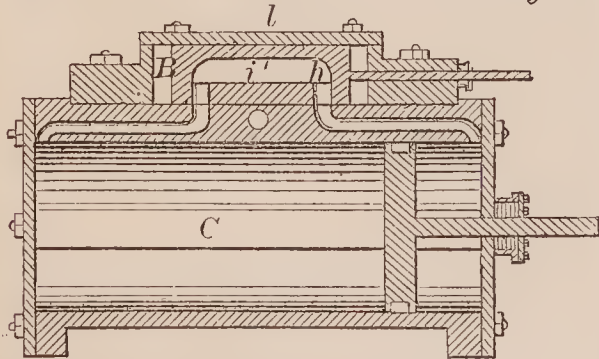
68376—I. H. McOmber—
Gate.



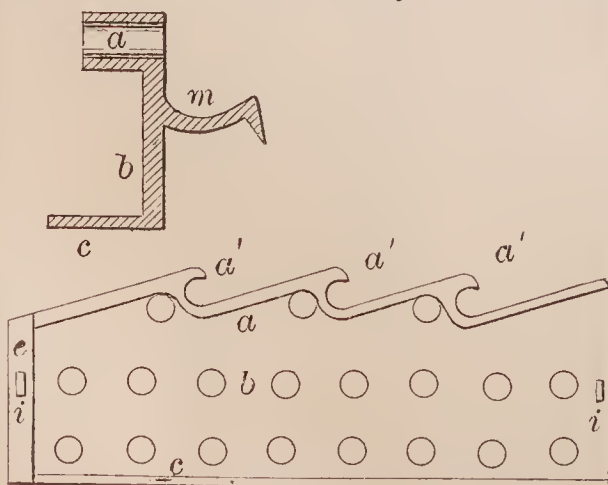
68382—F. Ortlieb—*Condenser.*



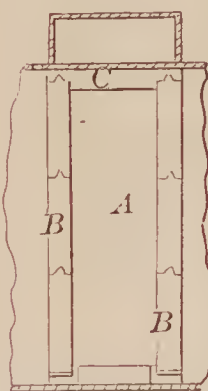
68377—C. H. Merrick—*Steam Engine.*



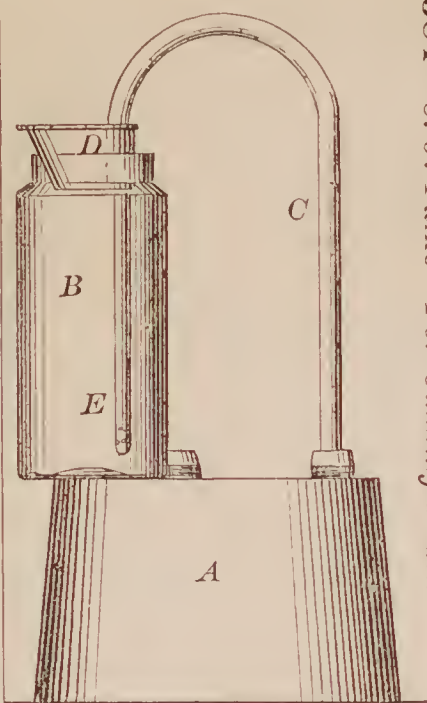
68379—J. Miller—*Curbing.*



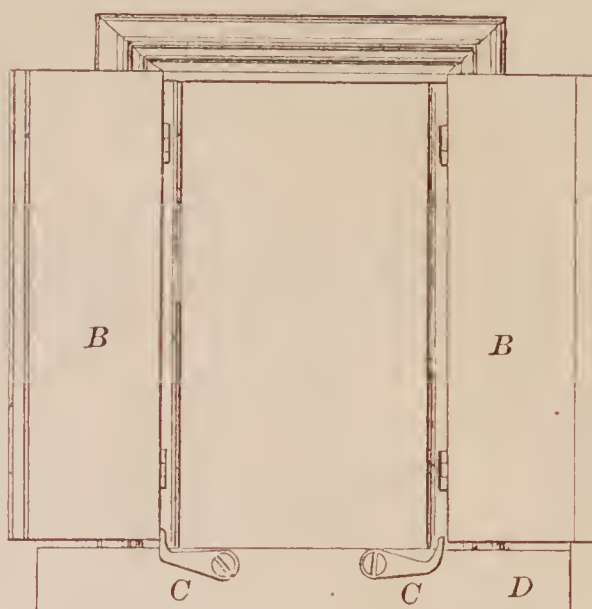
68383—A. Packard—For Securing Linings in Stores.



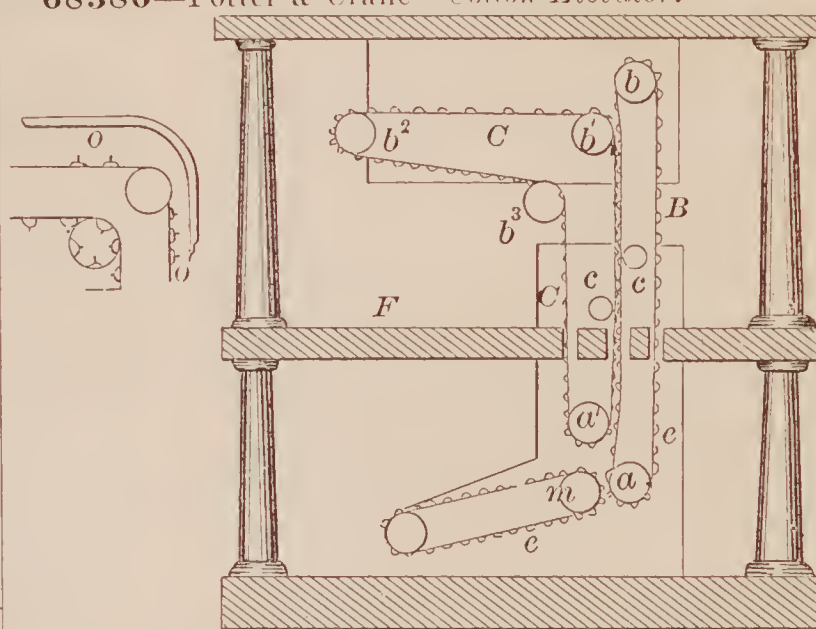
68384—C. J. Paine—For Canning Fruit.



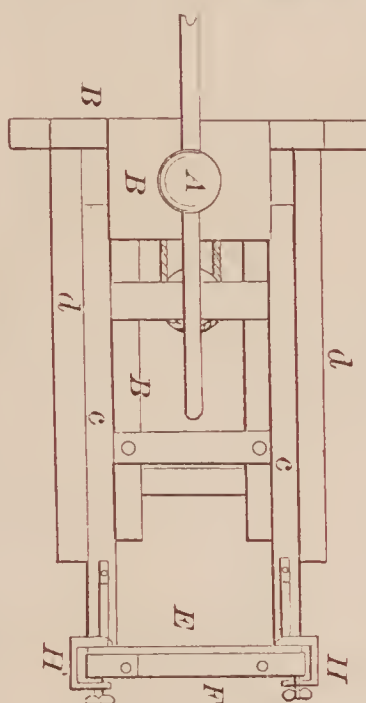
68387—R. Reed—Window Shutter Fastening.



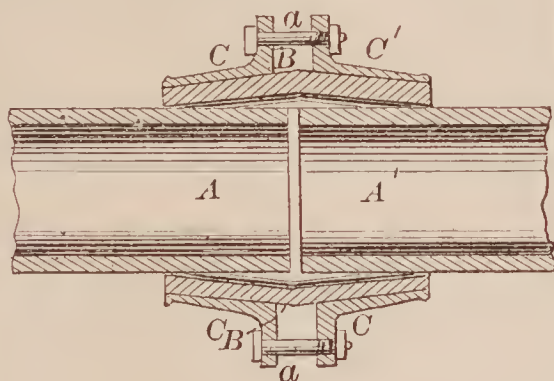
68386—Potter & Crane—Cotton Elevator.



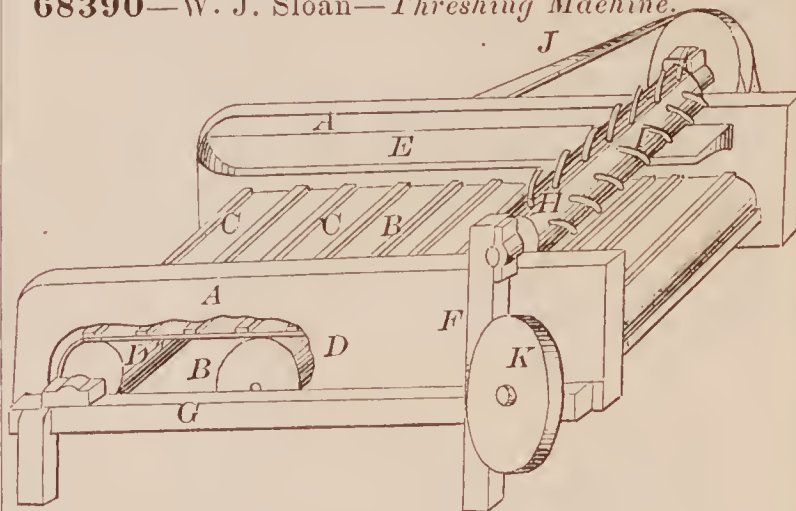
68385—H. & A. Phelps—For Stubbing Soap.



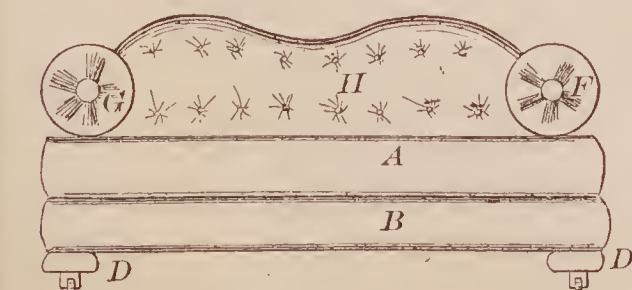
68388—J. H. Rhodes—Pipe Joint.



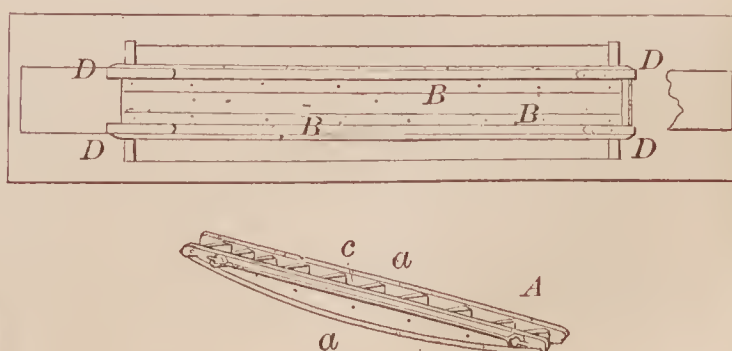
68390—W. J. Sloan—Threshing Machine.

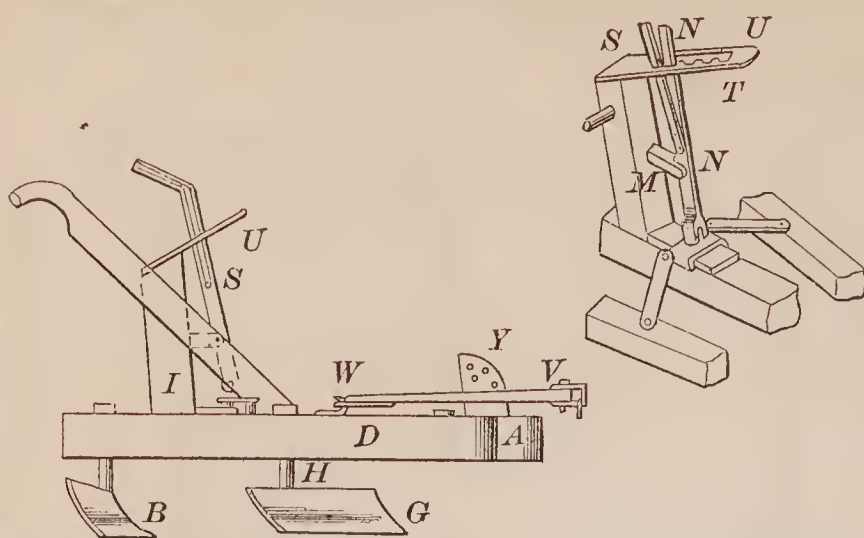
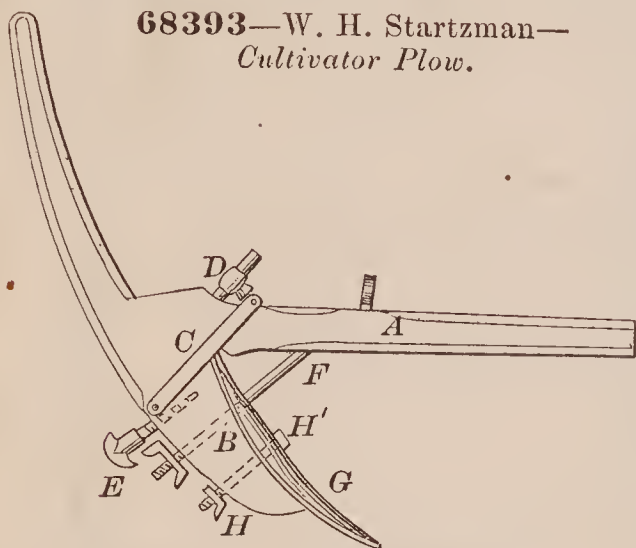
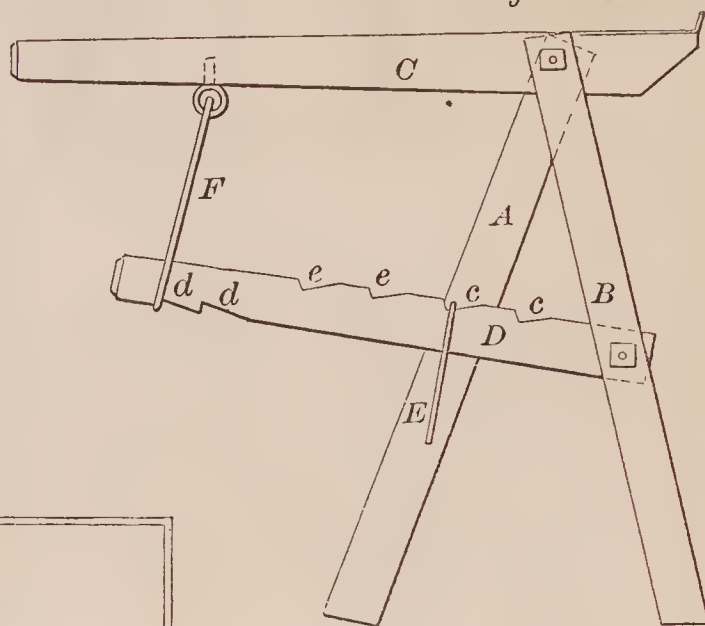
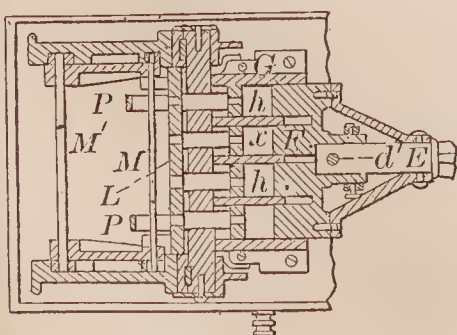
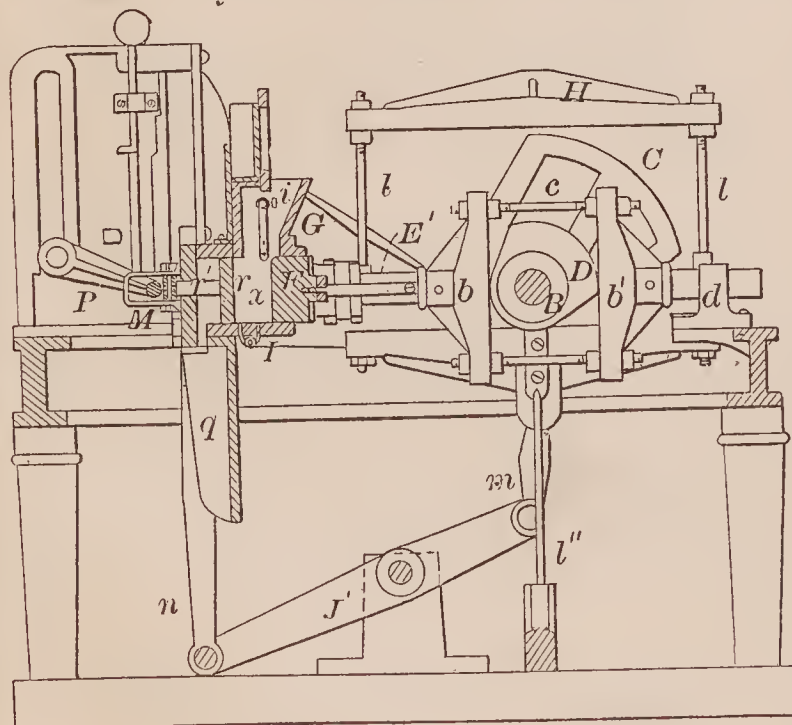
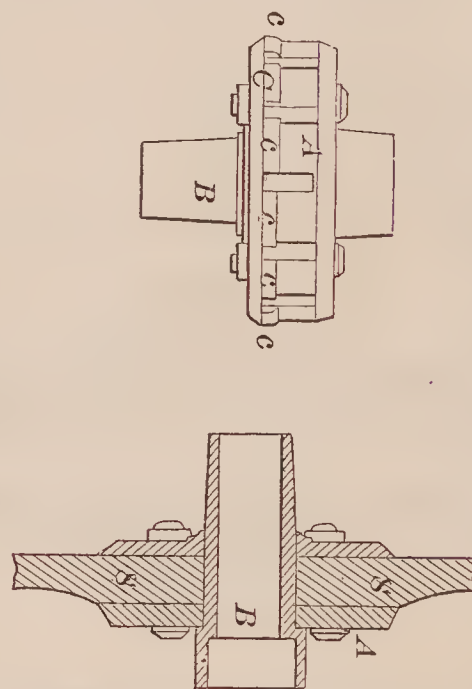
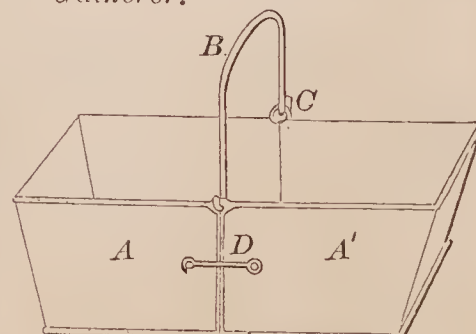


68389—L. Schaefer—Sofa Bedstead.

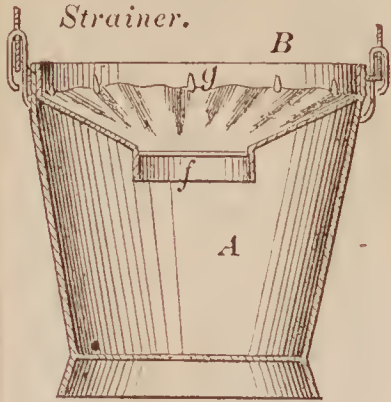


68391—S. Sowle—Staging.

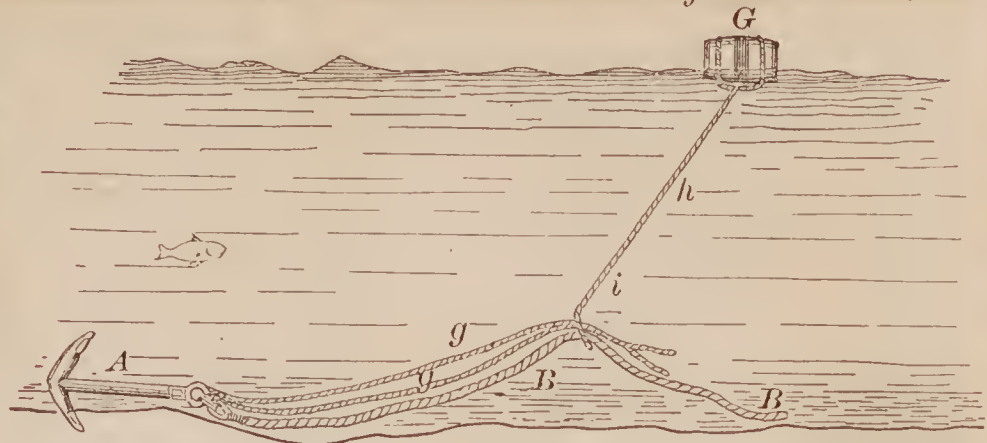


68392—J. P. Stanton—*Potato Plow.*68398—H. G. Tyler—*Overshoe.*68393—W. H. Startzman—*Cultivator Plow.*68395—O. B. Sutton—*Carriage Jack.*68394—W. B. Stephens—*Mill Pick.*68396—L. Sylvester—*Brick Machine.*68397—B. F. Taft—*Wheel Hub.*68399—C. Wadsworth—*Grape Gatherer.*

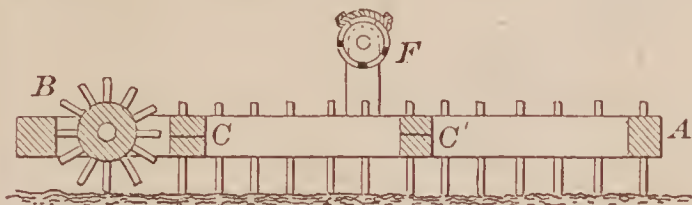
68400—D. N. West—*Milk Bucket and Strainer.*



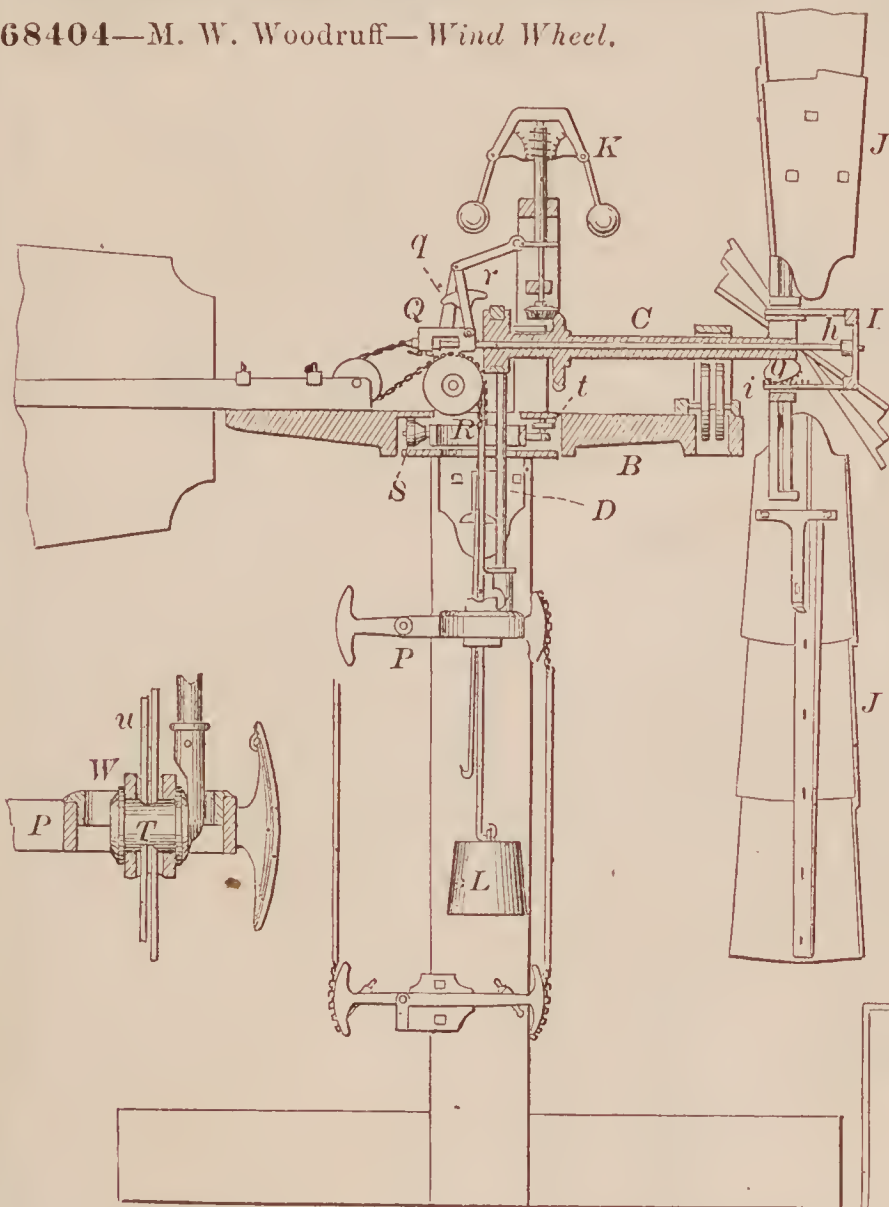
68402—C. B. Whittemore—*For Recovering Lost Anchors.*



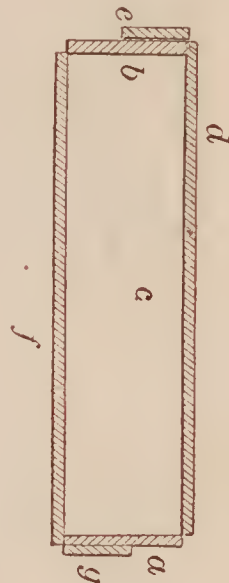
68403—C. Wilson—*Earth Pulverizer and Seeder.*



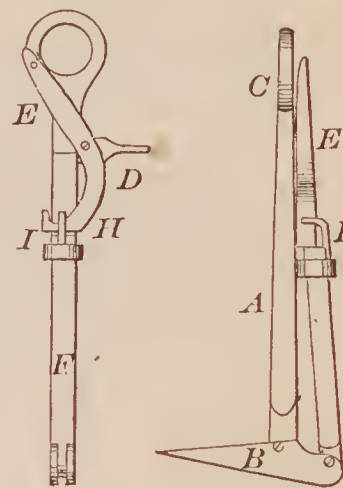
68404—M. W. Woodruff—*Wind Wheel.*



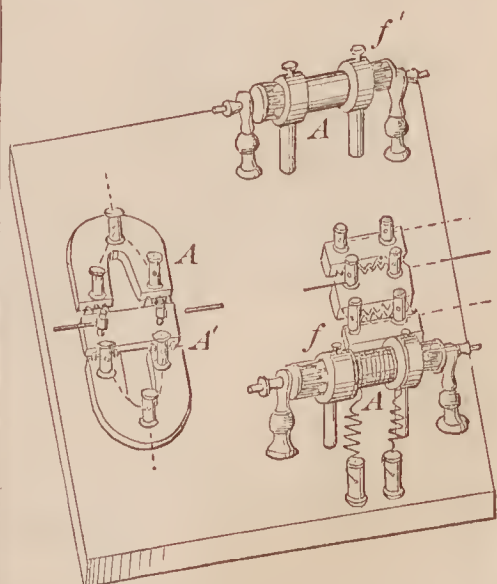
68401—J. F. & O. B. Whitney—*Fruit Box.*



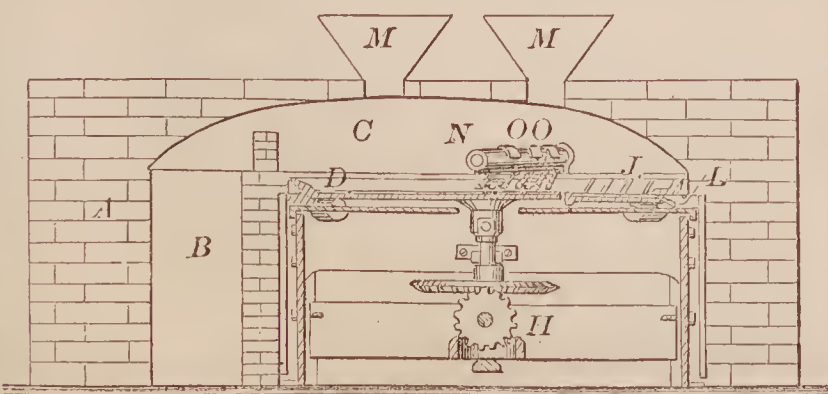
68405—E. Yancy—*Horse Hay Fork.*



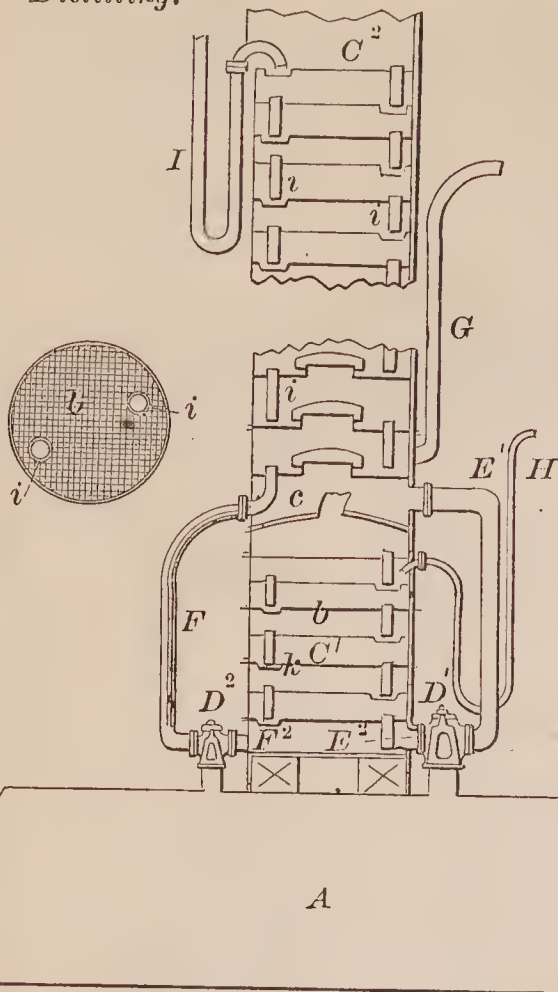
68407—A. Barbarin—*Lightning Arrester.*



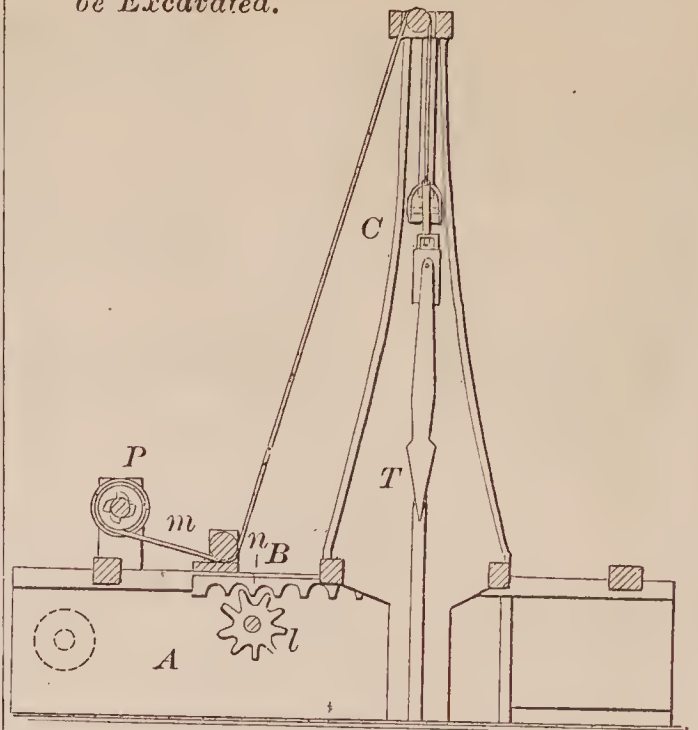
68406—Agrell & Klepzig—*Furnace for Roasting Ores.*



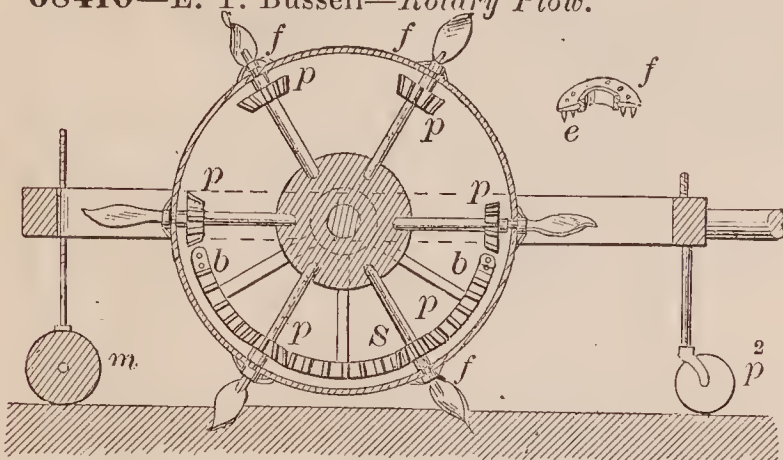
68409—G. Bequet—*For Rectifying and Distilling.*



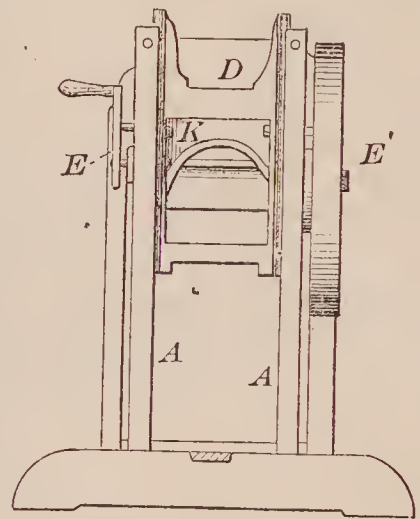
68411—W. H. Butler—*For Loosening Earth to be Excavated.*



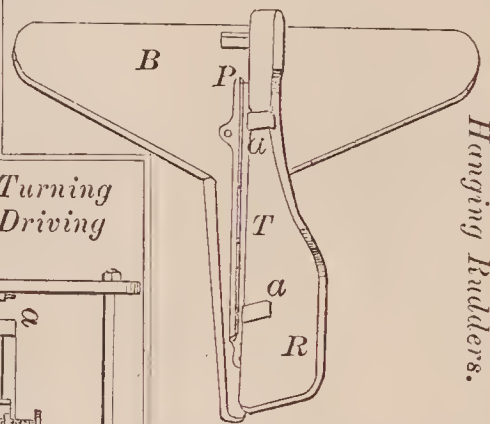
68410—E. T. Bussell—*Rotary Plow.*



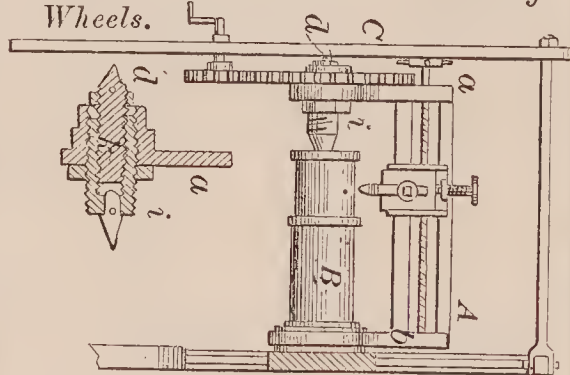
68412—A. P. Chapin—*Feed and Straw Cutter.*



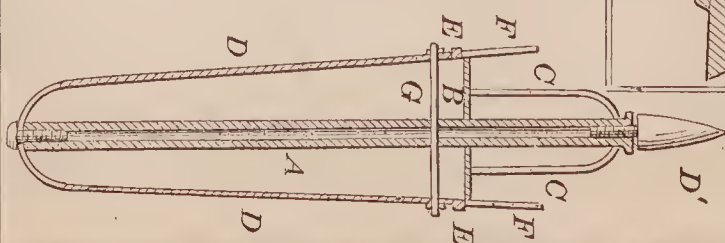
68413—W. A. Clark—*For Hanging Rudders.*



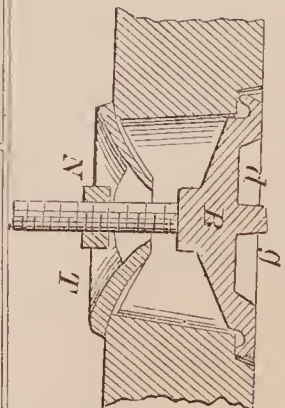
68415—C. J. Clifford—*For Turning Crank Pins on Locomotive Driving Wheels.*



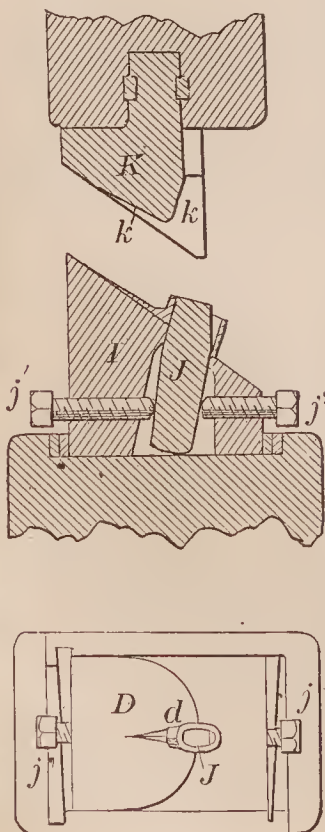
68416—M. H. Collins—*Glass Chimney for Lamps.*



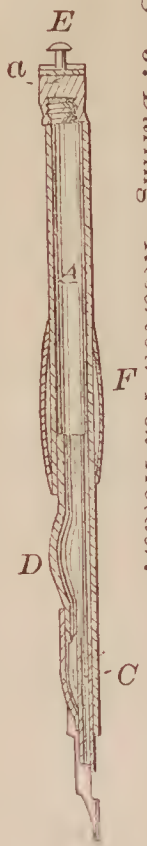
68417—M. C. Cronk—*Barrel Bung.*



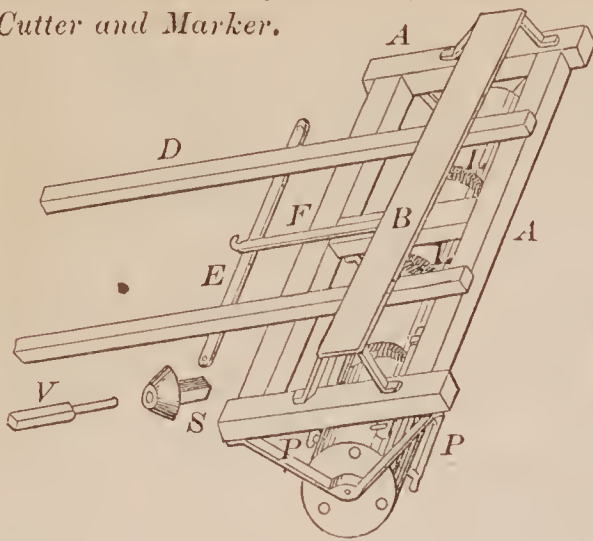
68414—Clement & Foster—*For Manufacturing Hoes.*



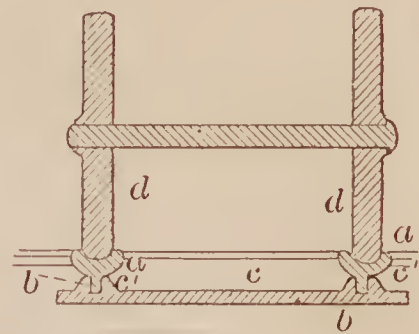
68418—J. Darling—Reservoir Pen Holder.



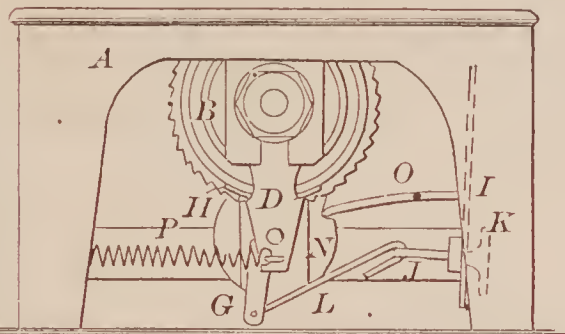
68419—J. W. Dilly—Roller, Stalk Cutter and Marker.



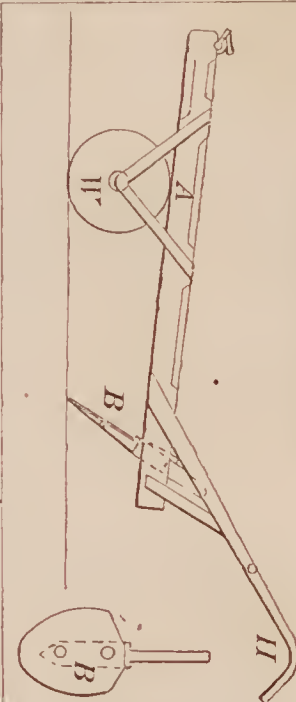
68421—Z. Eastman—Railway.



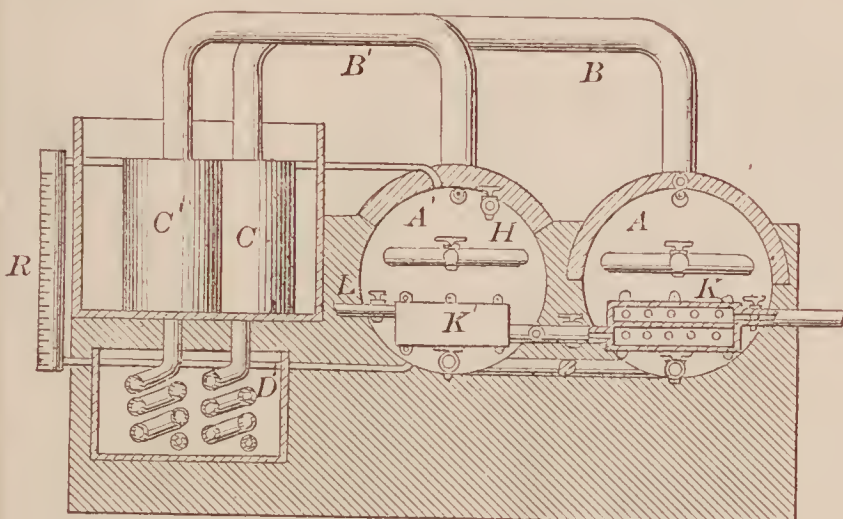
68420—A. Doll—Operating Feed Wheel in Sewing Machines.



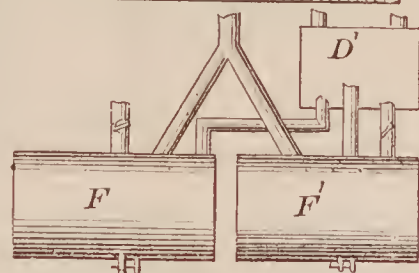
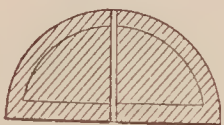
68424—E. R. Ensign—For Marking Holes for Planting.



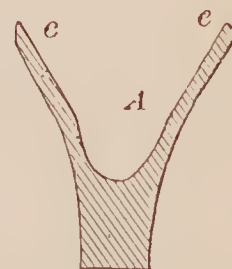
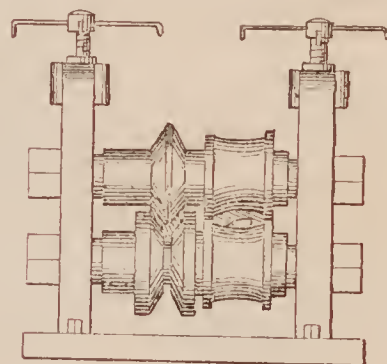
68426—H. B. Everest—For Distilling Petroleum.



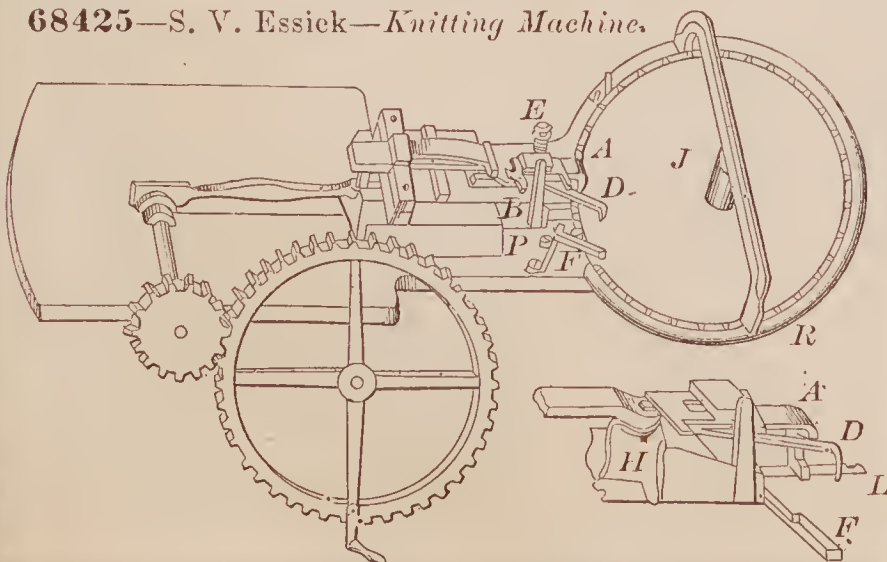
68428—T. St. Clair—Truss Pad.



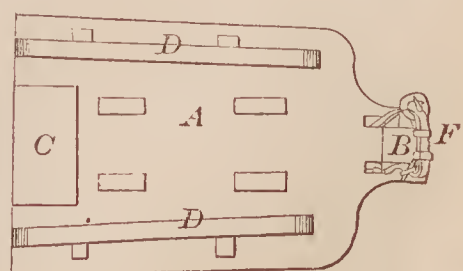
68423—J. W. Ellis—Are Blank.

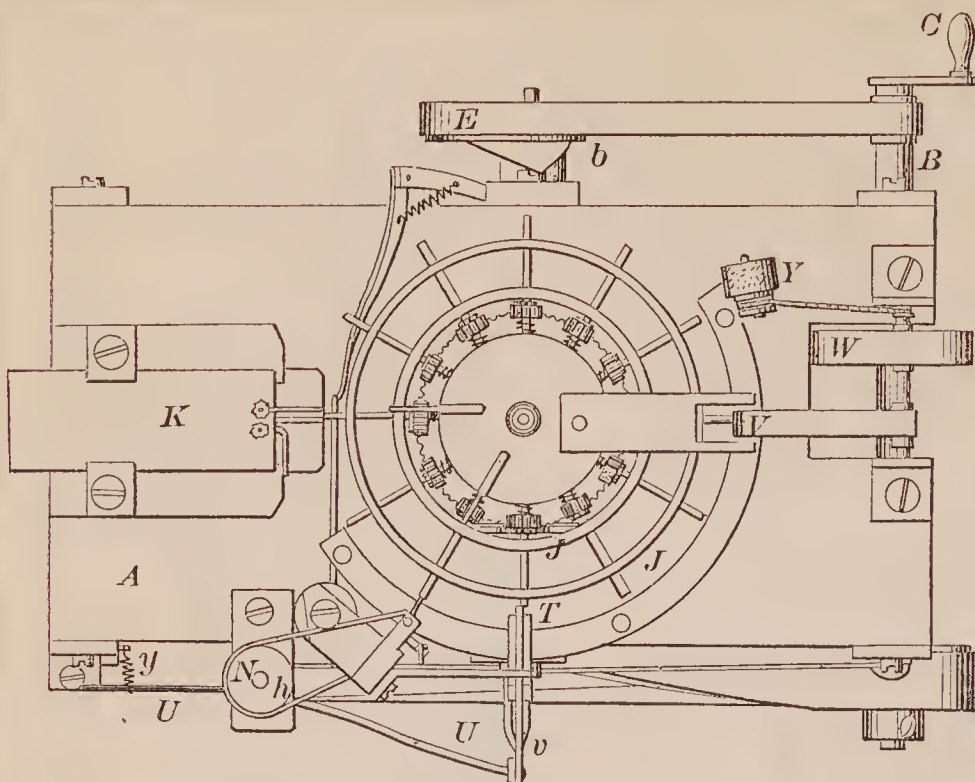
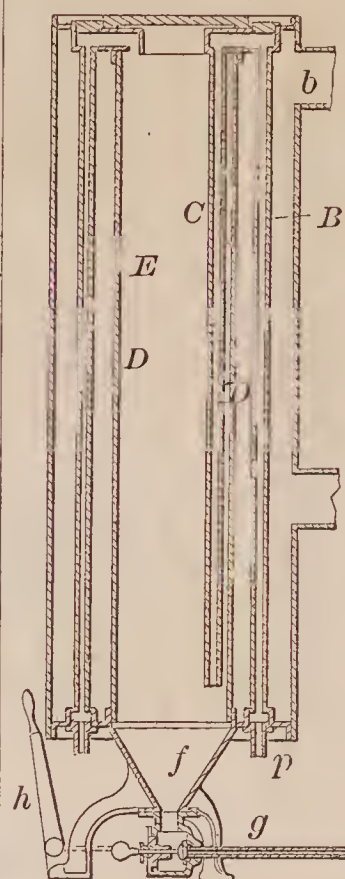
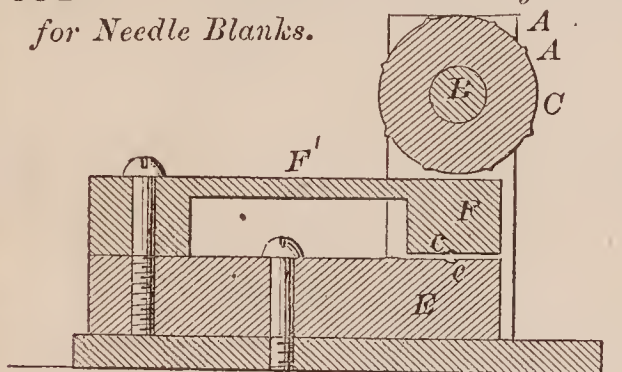
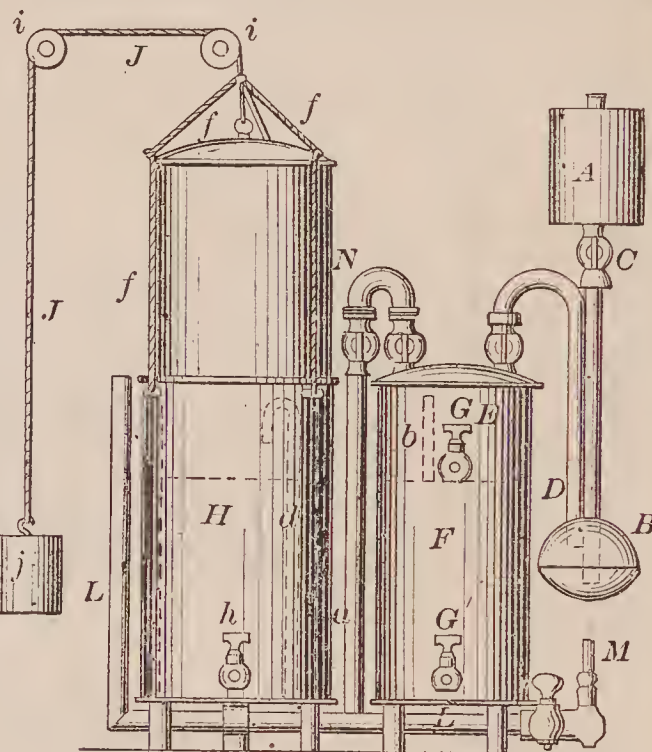
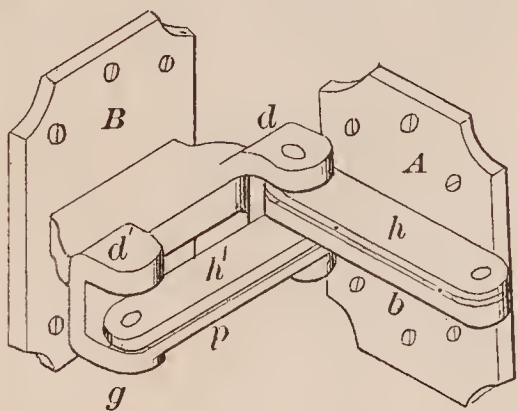
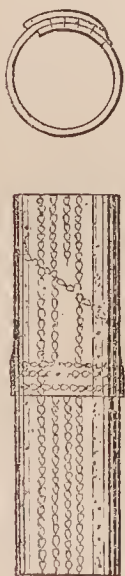
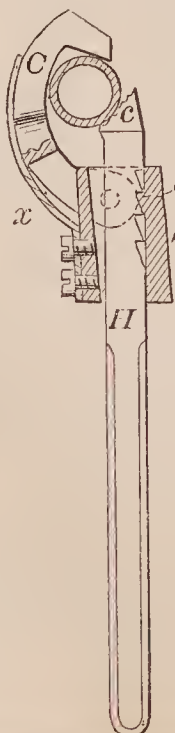
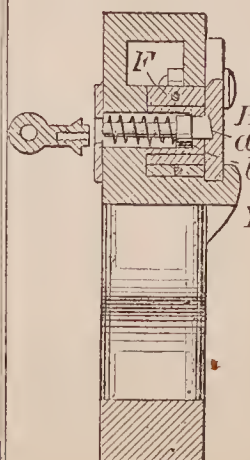
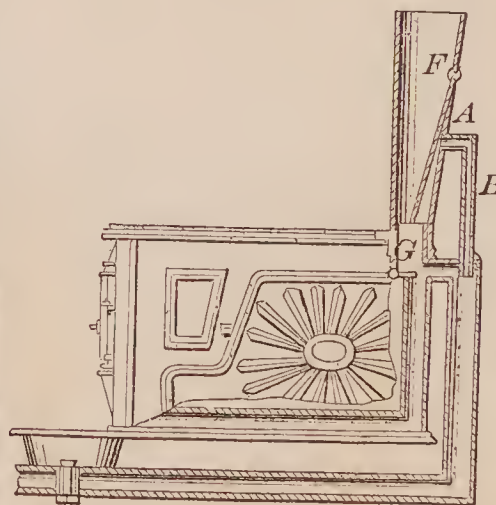


68425—S. V. Essiek—Knitting Machine.

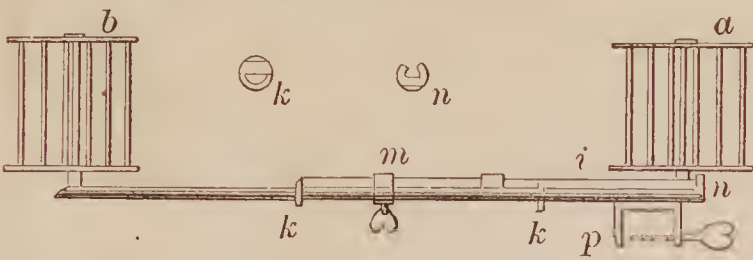


68427—G. Fenton—Sheep Table.

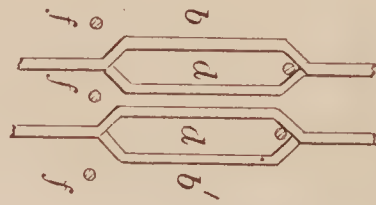


68429—T. Fowler—*For Making Sewing Machine Needles.*68433—J. G. Goessel—*Feed Water Heater.*68430—T. Fowler—*For Reducing Wires for Needle Blanks.*68435—D. M. Graham—*Gas Apparatus.*68434—D. H. Gould—*Gate Hinge.*68432—E. W. French—*Engine Hose.*68431—J. N. Freestone—*Wrench.*68436—E. Hamburger—*Lock for Car Seats.*68437—E. Hamburger—*Stove Pipe.*

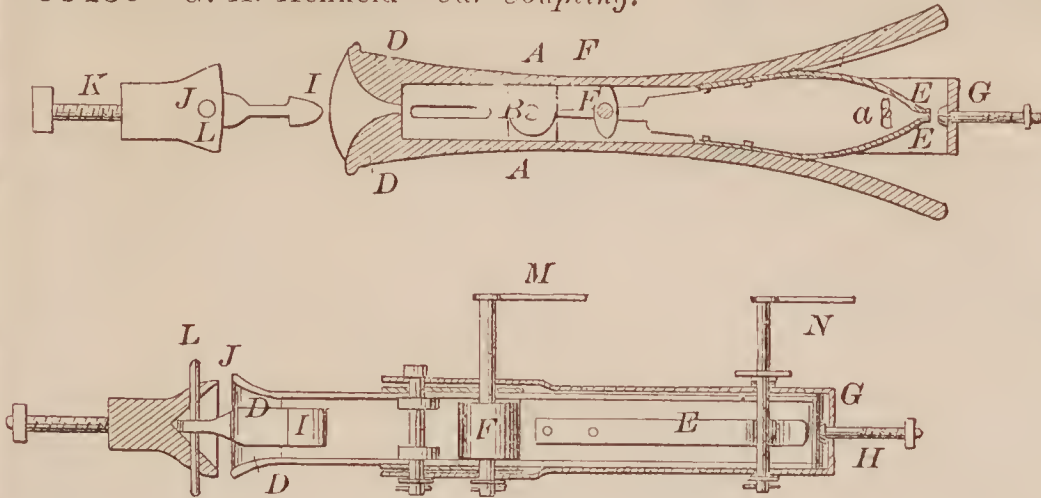
68438—A. Haskell—*Swifts*.



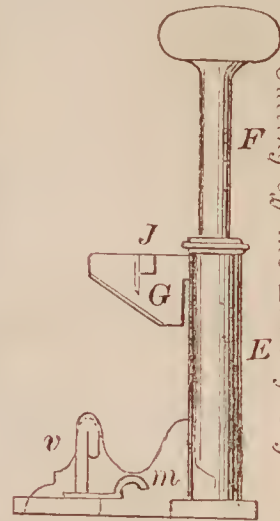
68444—C. Kennedy—*Loom Heddle*.



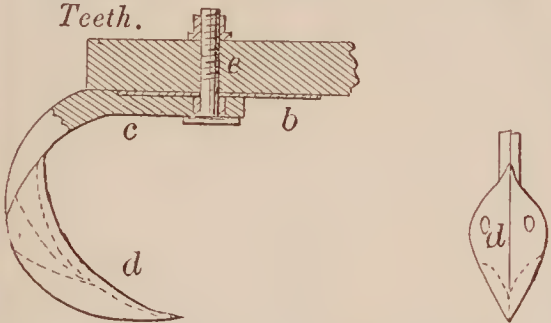
68439—G. H. Henfield—*Car Coupling*.



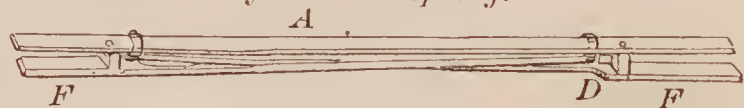
68441—F. W. Hoffmann—*For Cutting off the Ends of Cigars*.



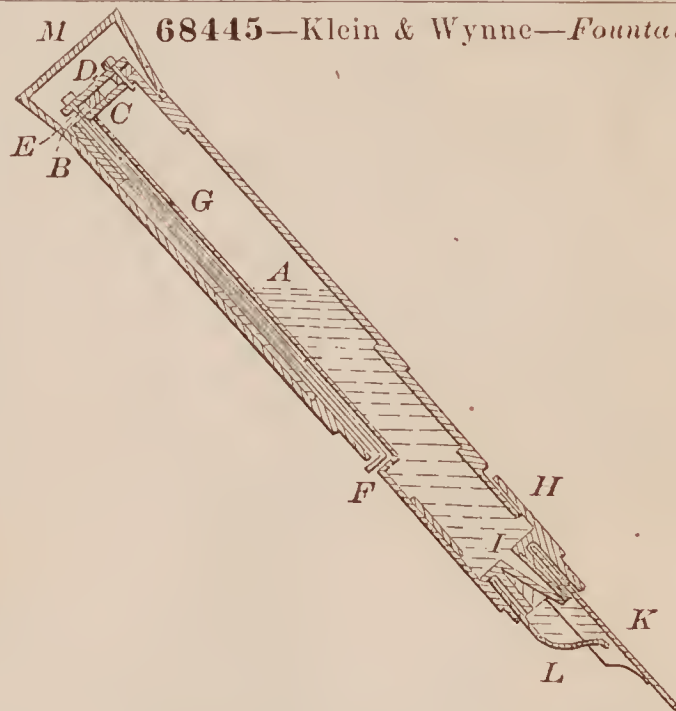
68440—B. F. Hisert—*Cultivator Teeth*.



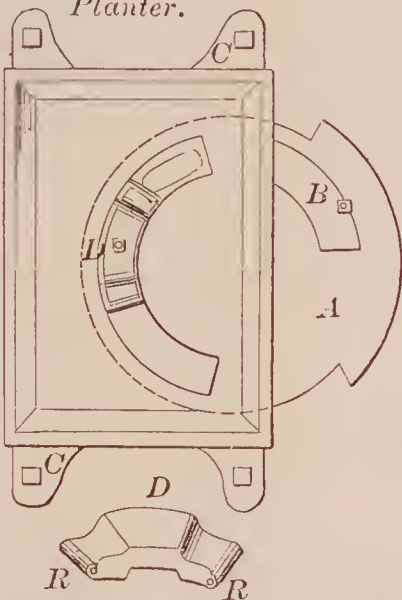
68442—J. Hyde—*Bed Spring*.



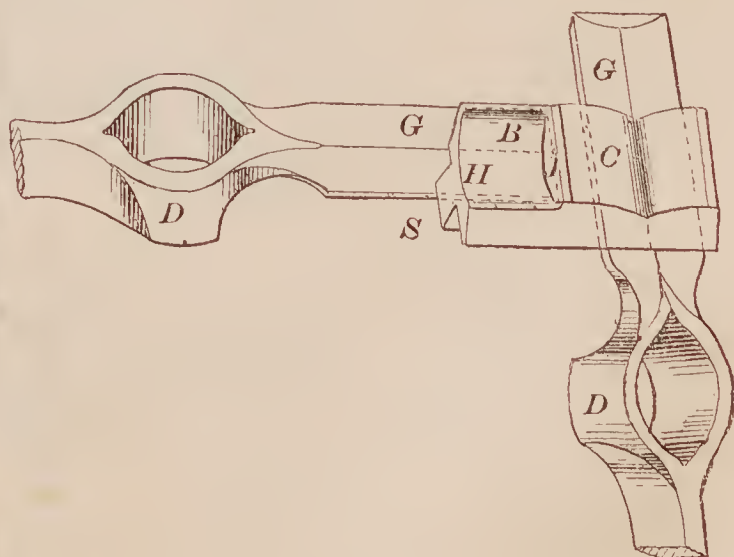
68445—Klein & Wynne—*Fountain Pen*.



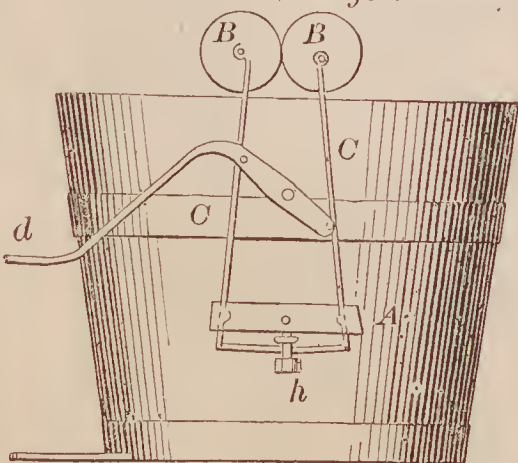
68443—D. W. Jacoby—*Corn Planter*.




68446—C. Konold—*Die for Swaging Mattocks &c.*



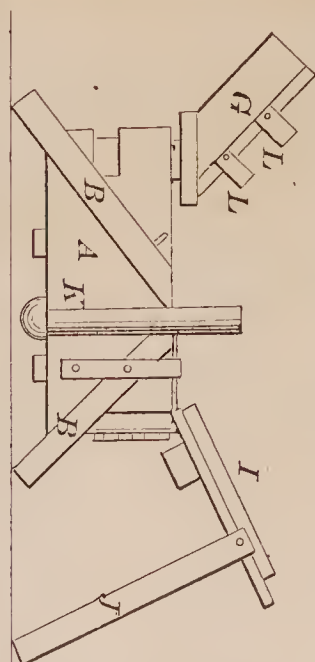
68447—Lord & Hinman—*Mop Pail and Wringer*.



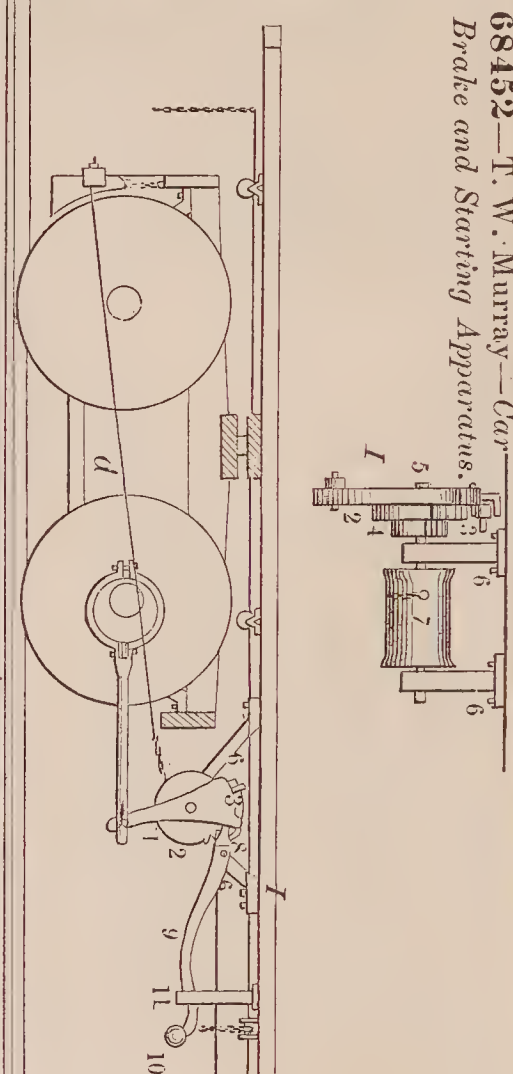
68448—A. Man—Bank Check.

		<p align="center">Scott & Co. Bankers Leavenworth, Kansas. 186</p> <p align="center"><i>In Current Funds</i></p> <p align="center">Pay to the order of _____ Dollars</p> <p align="center">C 100</p> <p align="center"><small>National Bank Note Co. New York.</small></p>	
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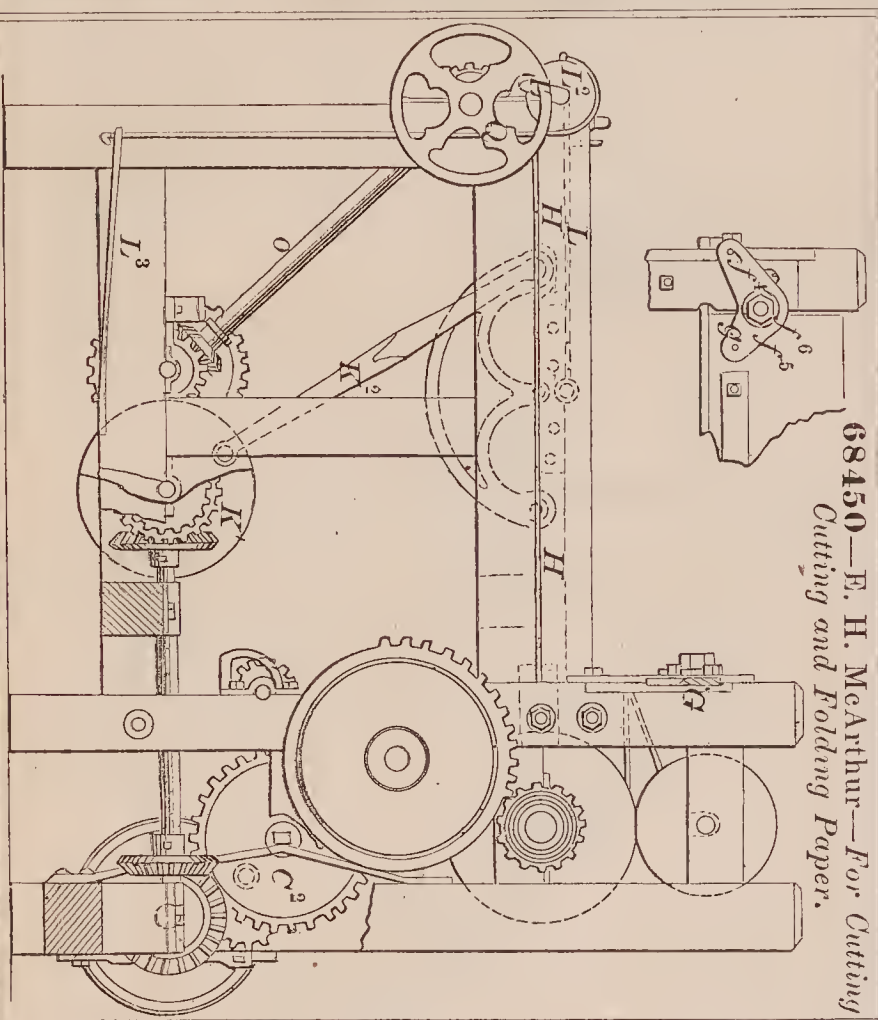
68449—G. D. Matcham—Sheep Chair and Vat.



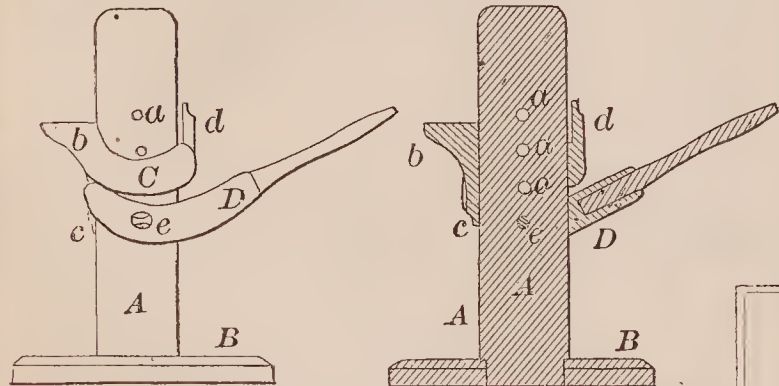
68452—T. W. Murray—Car Brake and Starting Apparatus.



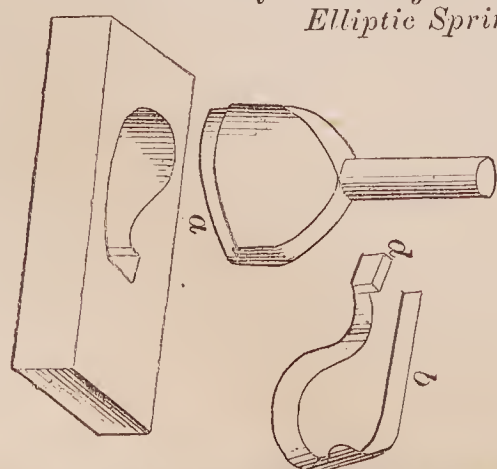
68450—F. H. McArthur—For Cutting and Folding Paper.



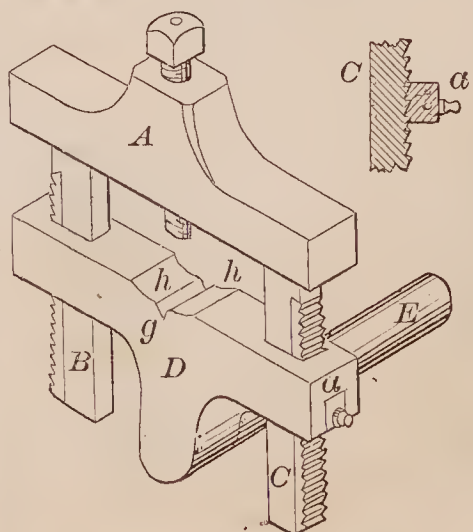
68451—J. P. Moore—Carriage Jack.



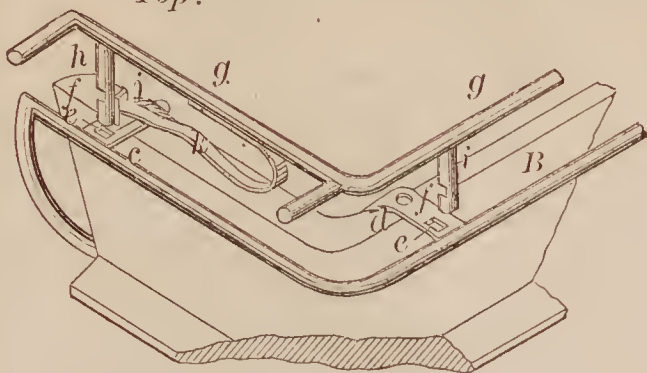
68454—J. Palmer—Die for Making Heads for Elliptic Springs.



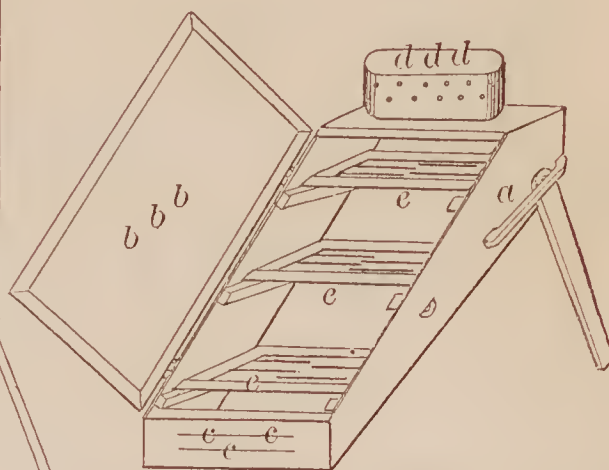
68453—J. L. Nettleton—Tool.



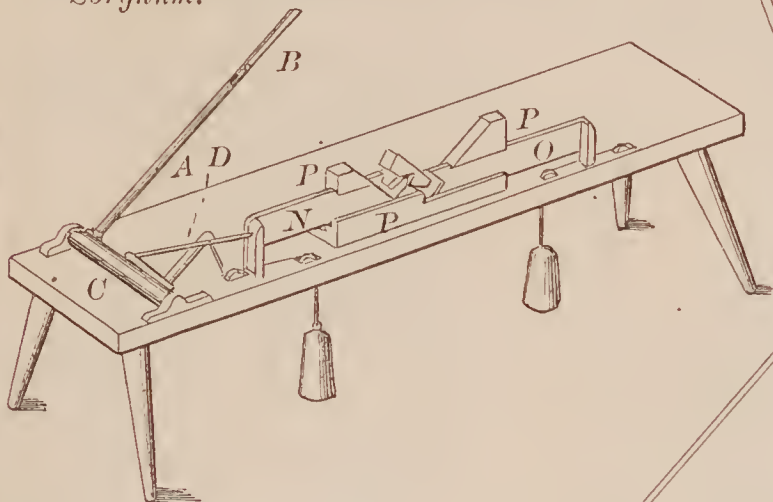
68455—A. M. Plimpton—*Detachable Buggy Top.*



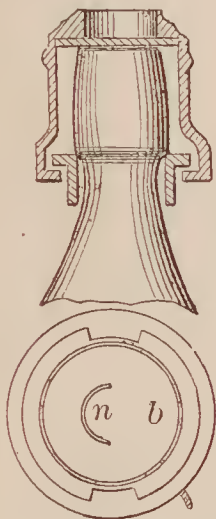
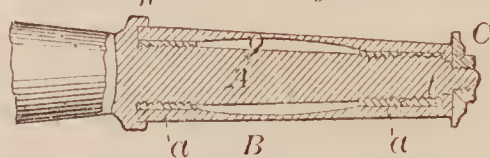
68459—D. Rice—*For Drying Fruit.*



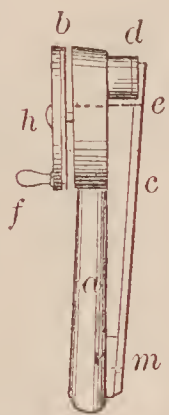
68458—S. A. Rankin—*For Stripping Sorghum.*



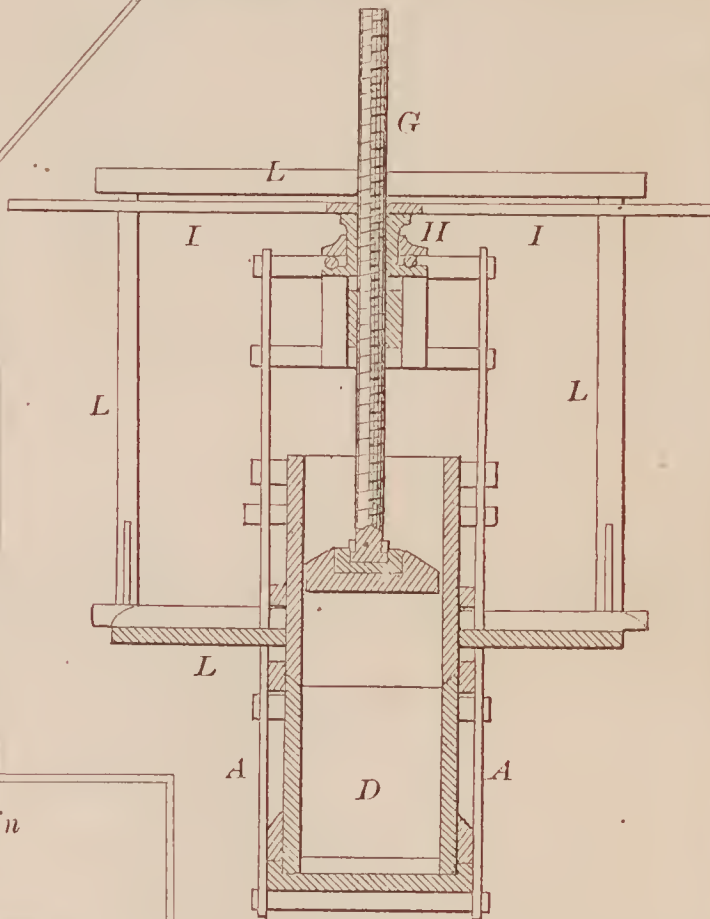
68460—H. Richardson—*Axle Bearing for Wagons.*



68456—N. Prescott—*For Closing Bottles.*

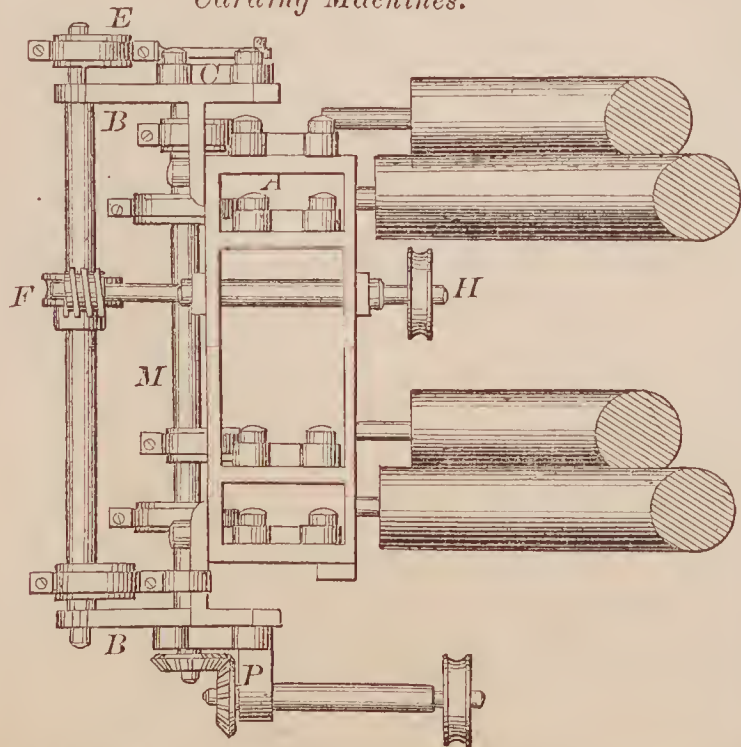


68463—Skillin & Reed—*Nutmeg Grater.*

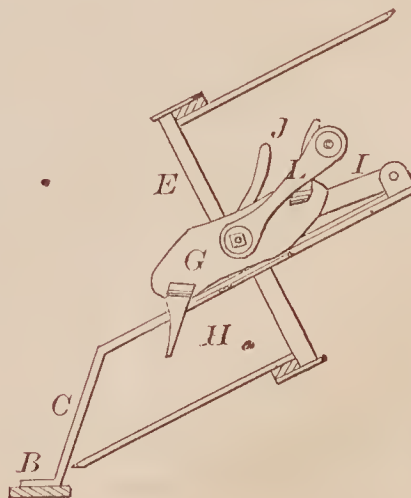


68462—J. S. Schofield—*Hay and Cotton Press.*

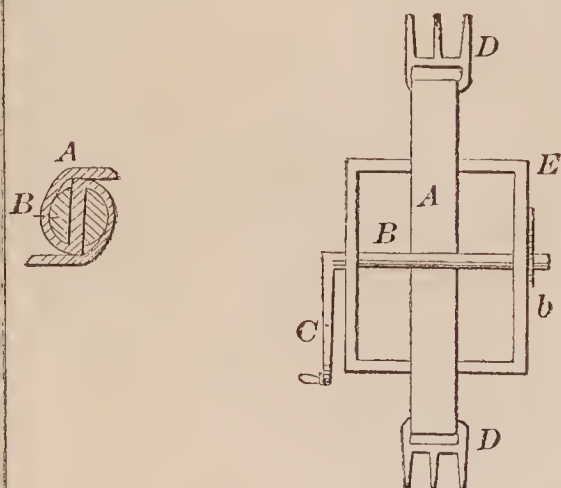
68464—E. Stafford—*Condensing Roller in Carding Machines.*



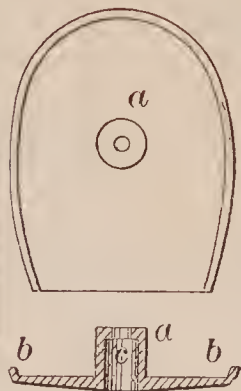
68461—E. P. Russell—*Dumping Reel for Harvesters.*



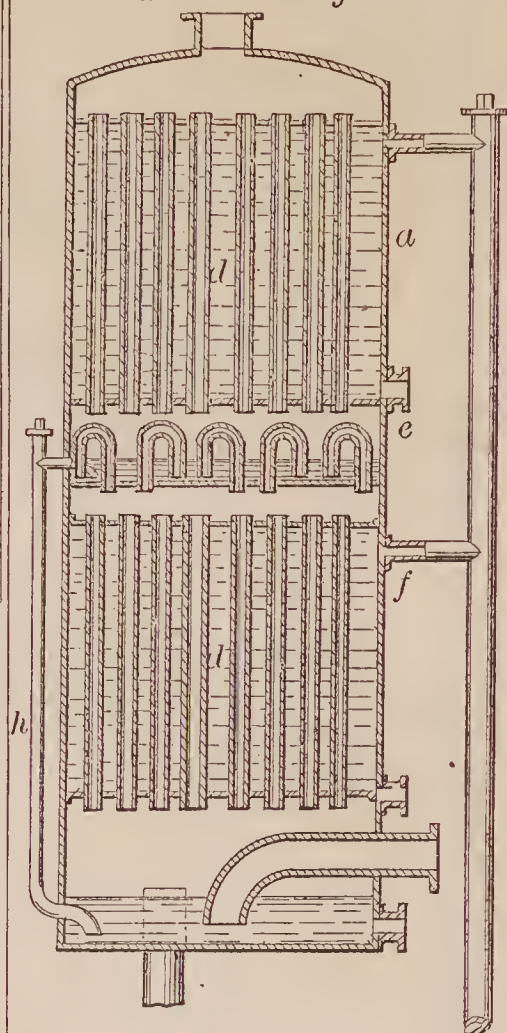
68465—T. G. Stansberry—*Belt Tightener.*



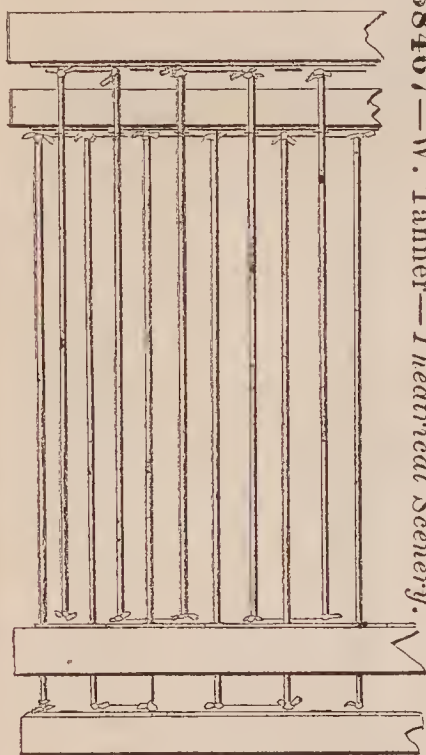
68466—N. A. Swett—*Heeling Plate.*



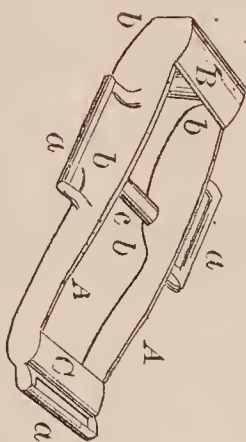
68470—Trageser & Illofsky—*For Distilling.*



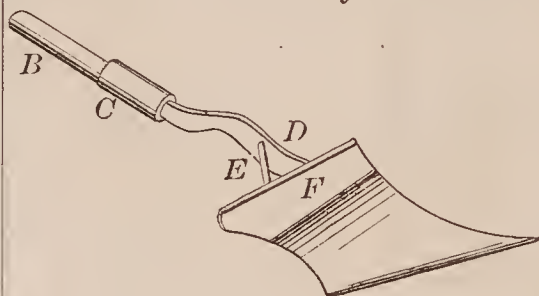
68467—W. Tanner—*Theatrical Scenery.*



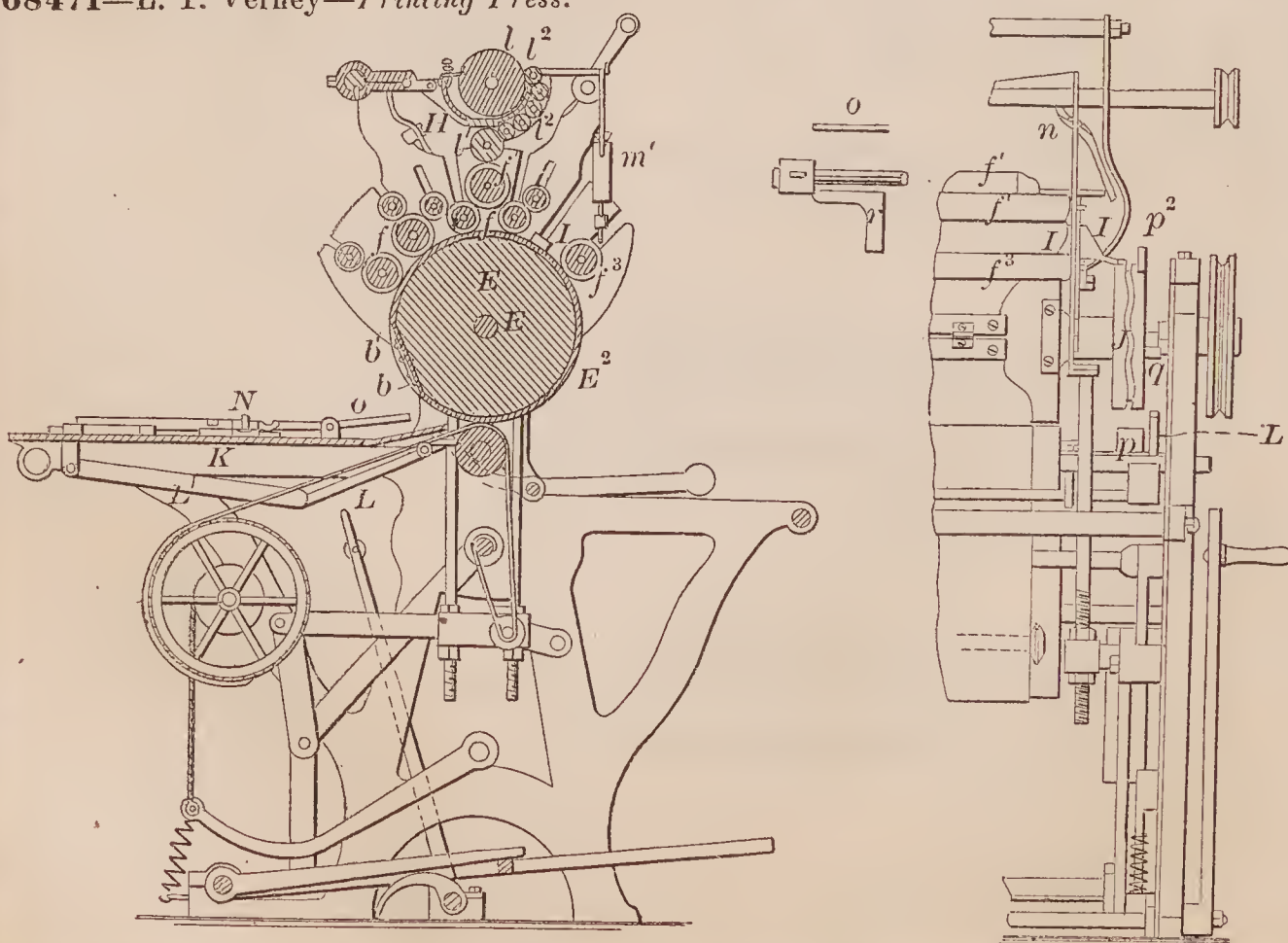
68468—W. McK. Thornton—*Buckle.*



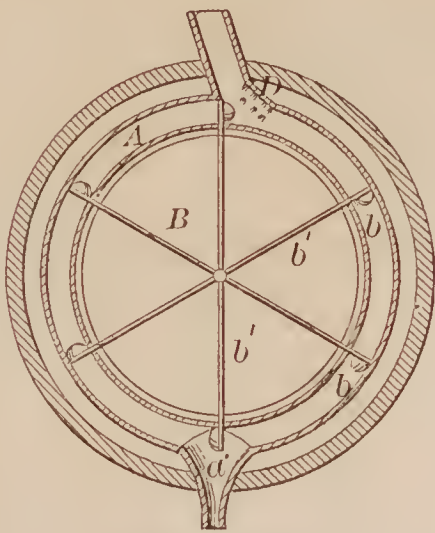
68469—H. H. Tietjens—*Cultivator.*



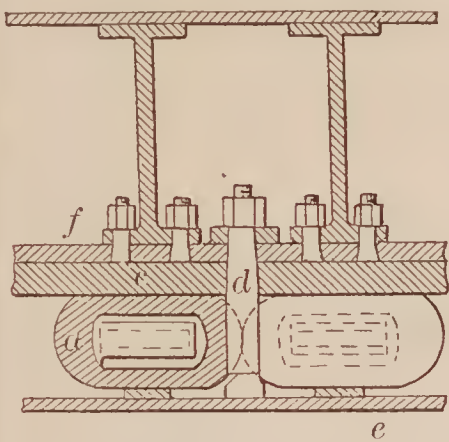
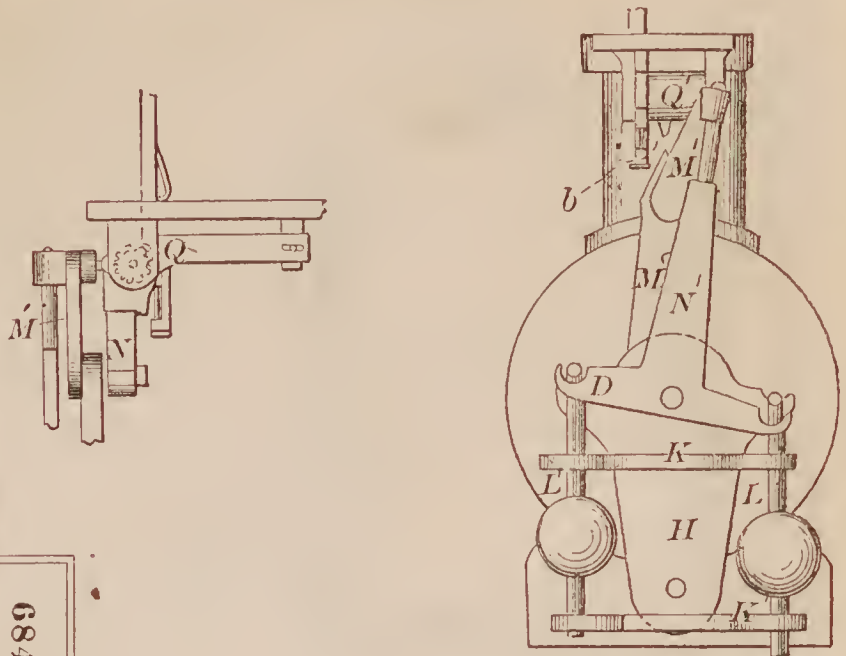
68471—L. T. Verney—*Printing Press.*



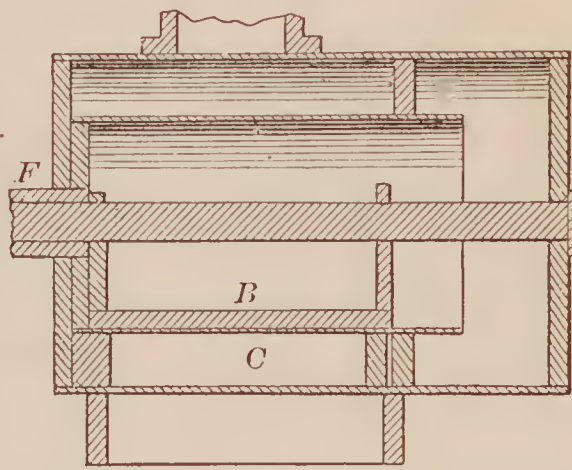
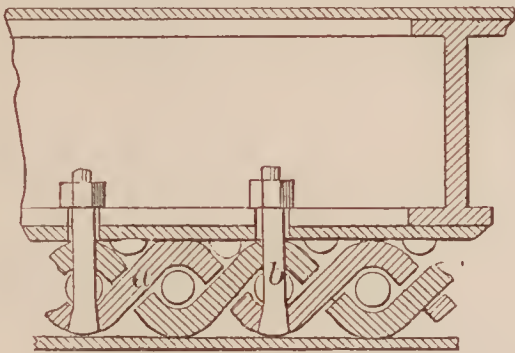
68472—J. C. Walker—*Grain Meter.*



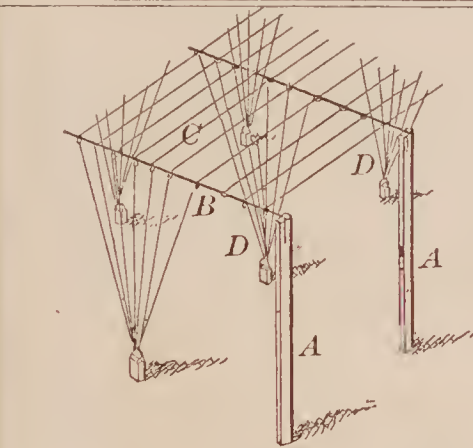
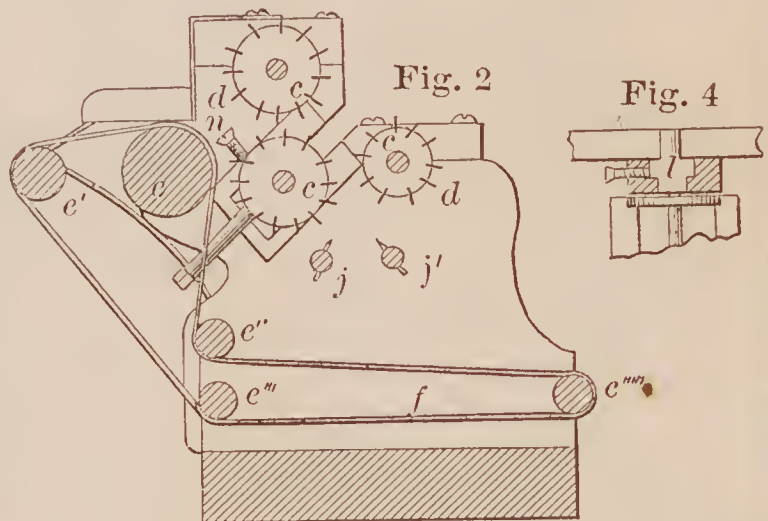
68473—J. V. Weitz—*Low Water Detector for Steam Generators.*



68474—T. Whitby—*Armor for Ships of War.*



68477—Witt & Sina—*Hemp Brake.*



68475—L. H. Whitney—*Vine Trellis.*

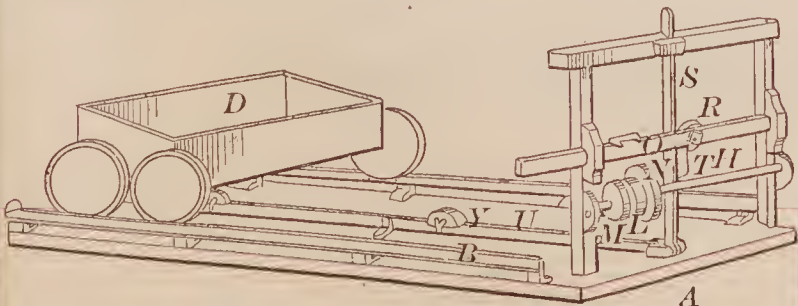
Fig. 6



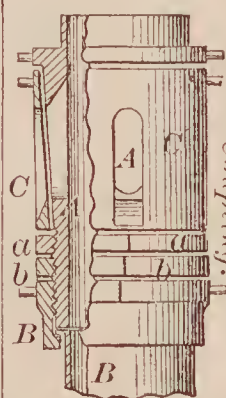
Fig. 3



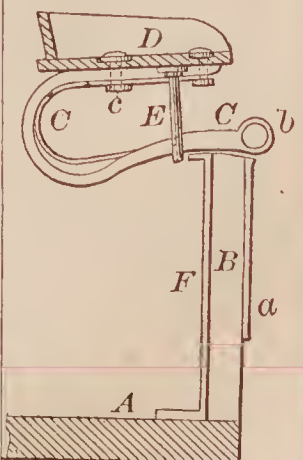
68476—Winterbottom & Lord—*Spinning Jack.*

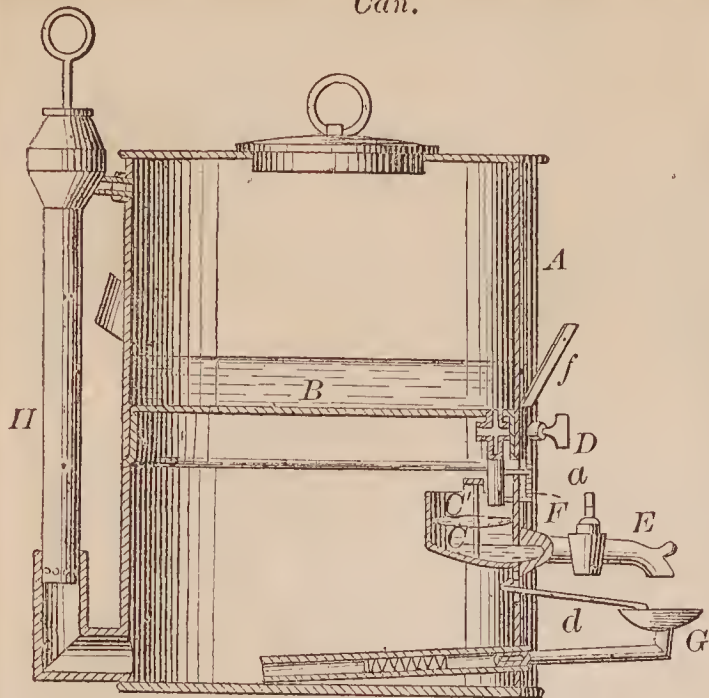
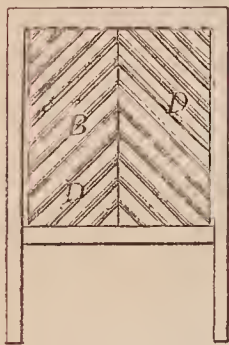
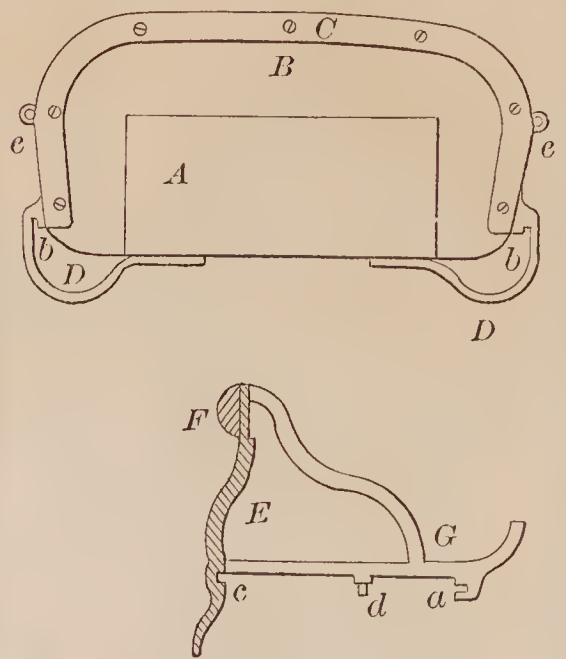
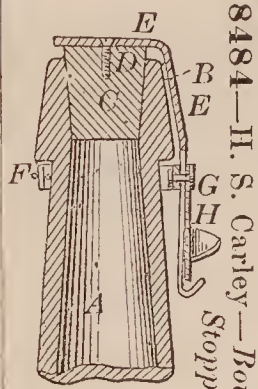
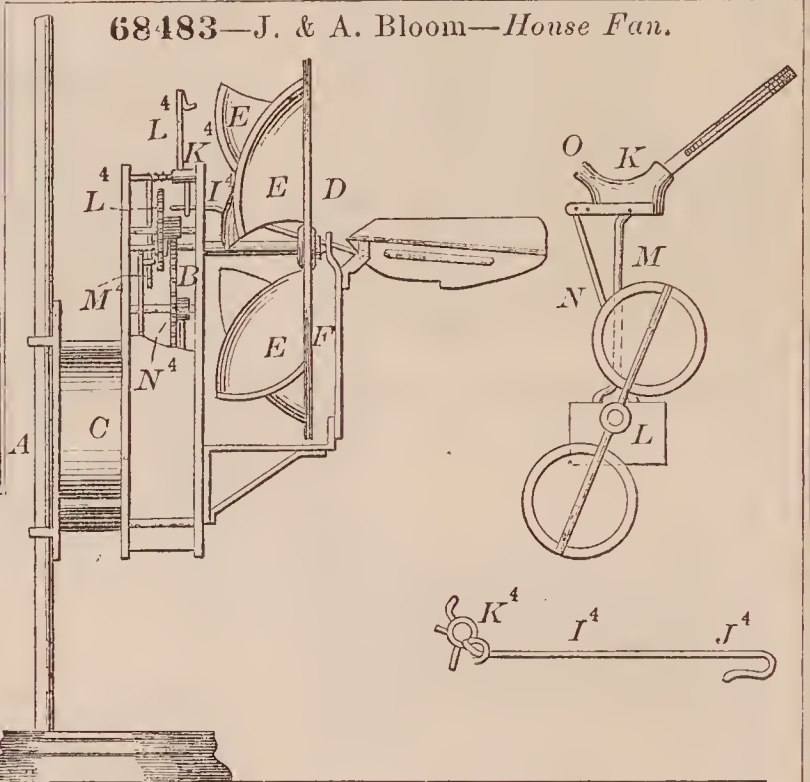
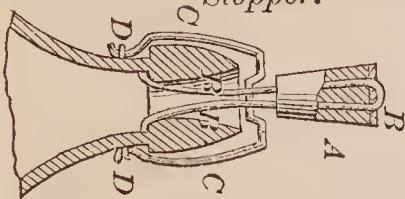
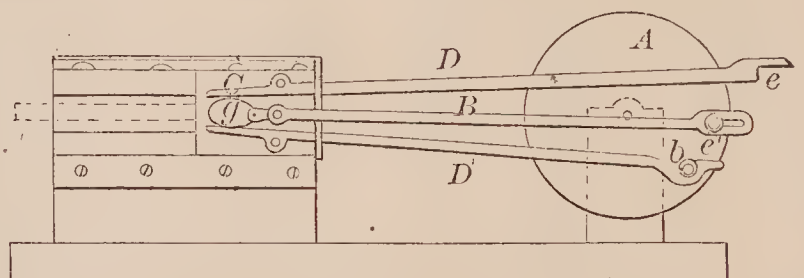
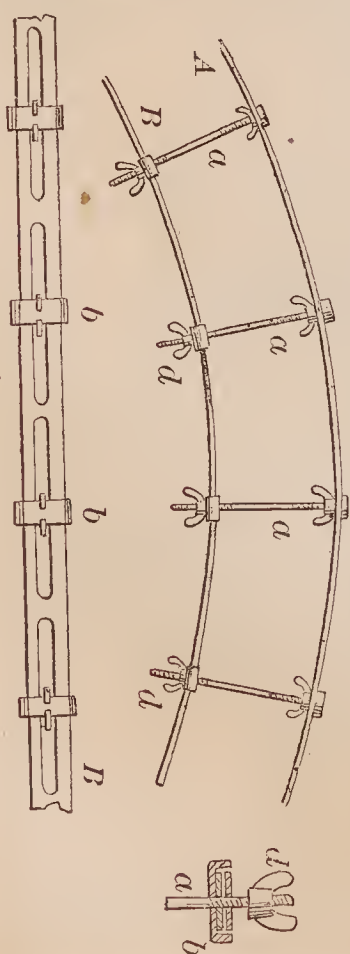
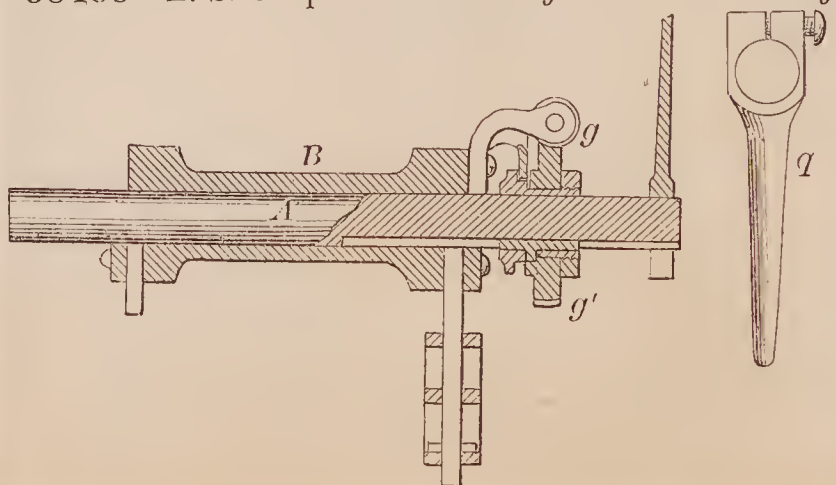


68478—A. F. Allen—*Escape Valve Hose Coupling.*

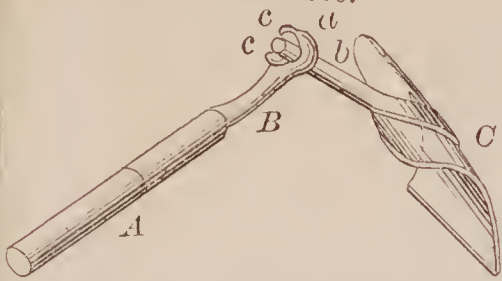


68479—R. L. Allen—*Wagon Seat and Spring.*

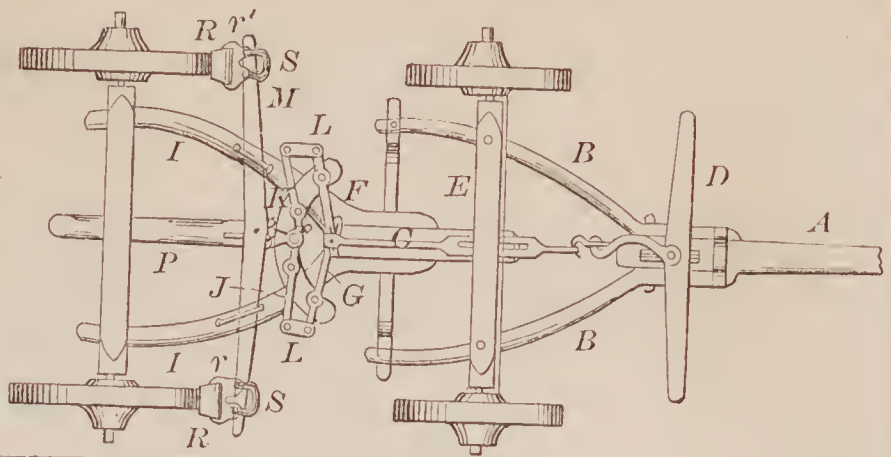


68480—Arkle & Greer—*Automatic Measuring Can.***68486**—J. Carlisle—*Rail for Buggy Seats.***68481**—P. Auduin—*Wash Board.***68484**—H. S. Carley—*Bottle Stopper.***68485**—H. S. Carley—*Bottle Stopper.***68483**—J. & A. Bloom—*House Fan.***68482**—W. Bicknell—*Crank Motion.***68488**—E. S. Chapell—*For Boring and Screw Cutting.***68487**—J. J. Cassidy—*Adjustable Shipbuilders' Mould.*

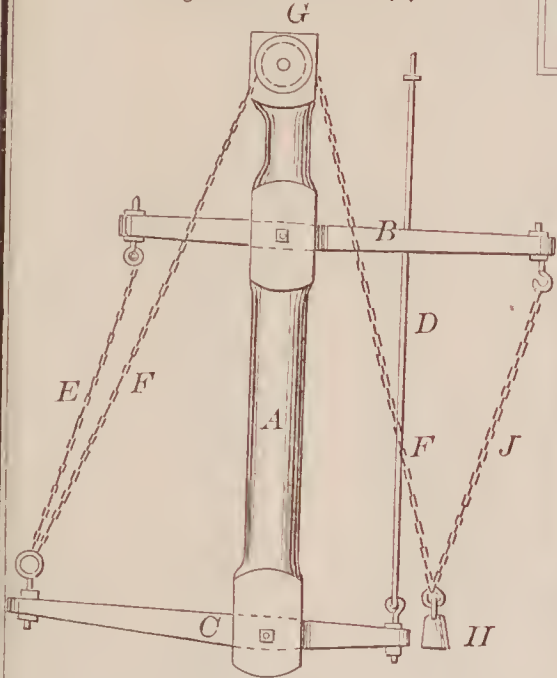
68489—D. W. Colburn—*Plow and Hoe.*



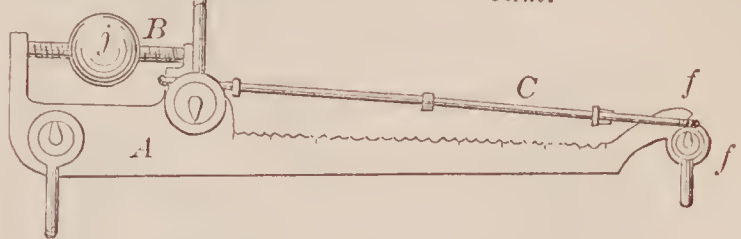
68493—A. Downer—*Wagon Lock.*



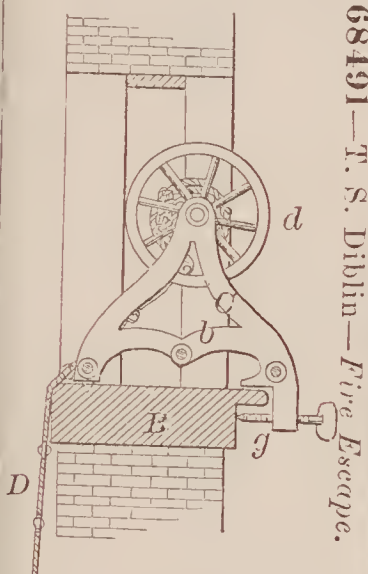
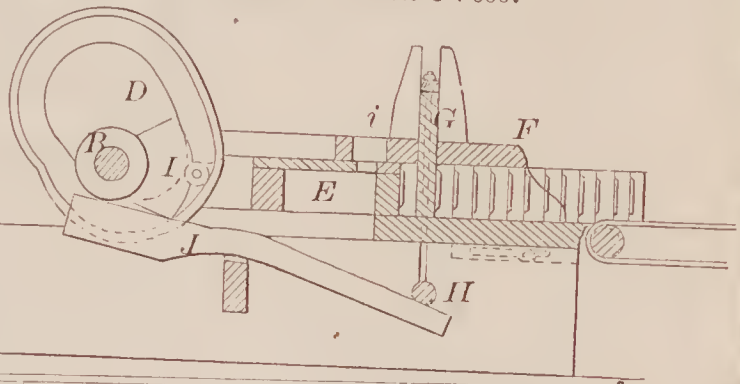
68495—J. Eddy—*Steam Engine Governor.*



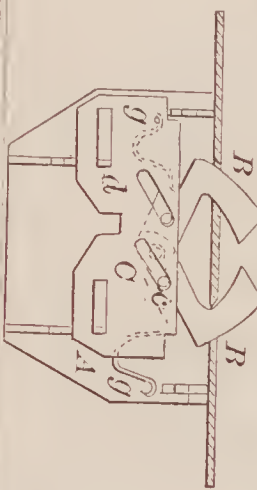
68490—E. P. Crain—*Scale Beam.*



68494—W. L. Drake—*Brick Press.*

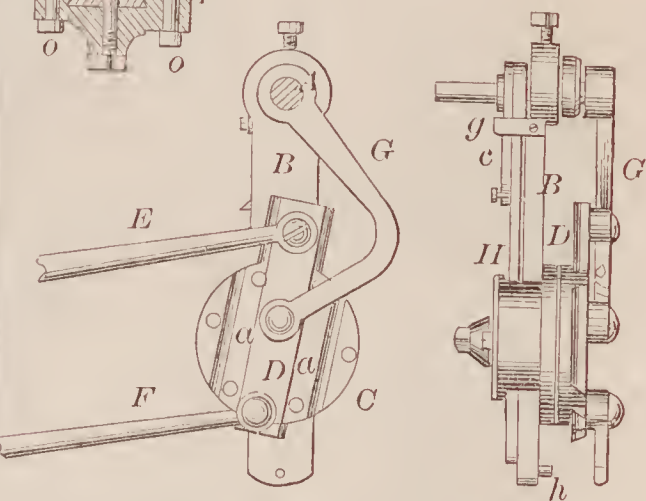


68491—T. S. Diblin—*Fire Escape.*

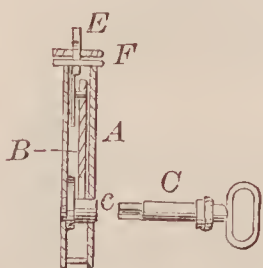
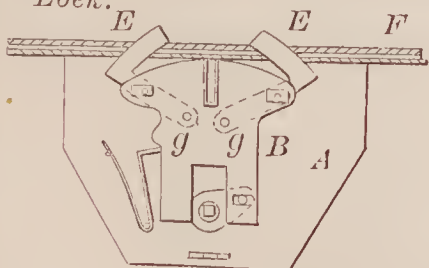


68497—E. L. Gaylord—*Piano Lock.*

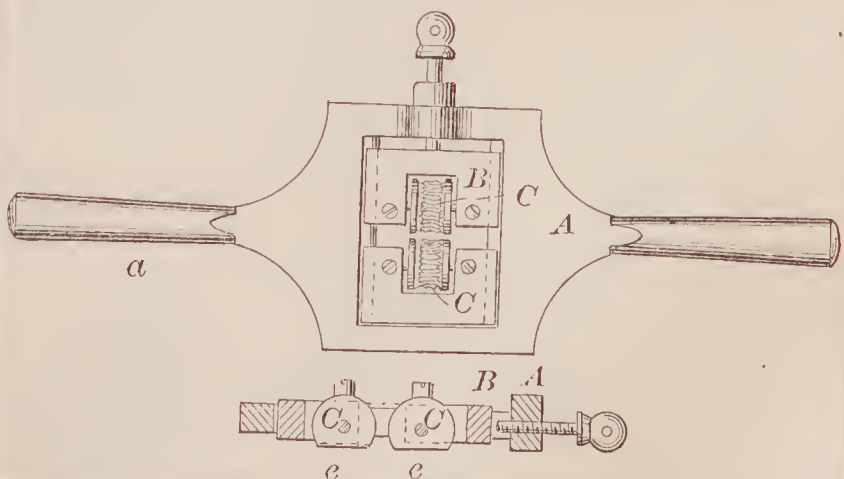
68492—J. L. Dickinson—*Variable Cut-off Valve Gear.*

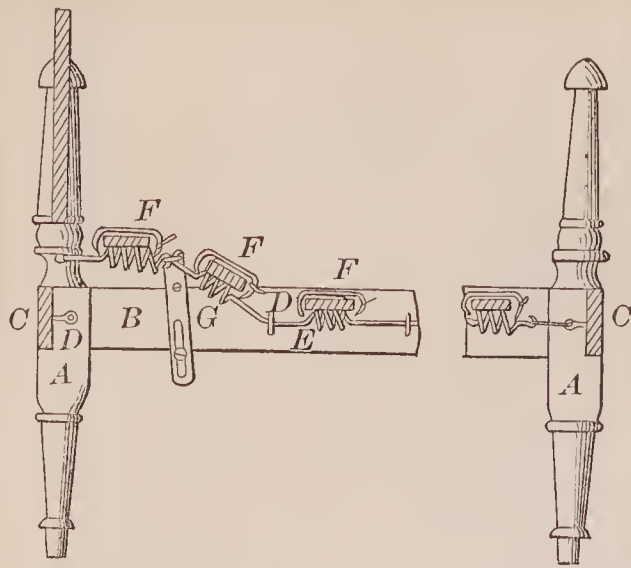
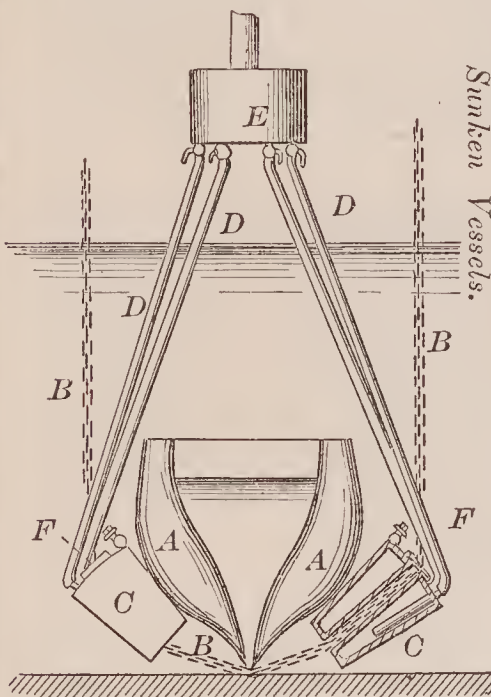
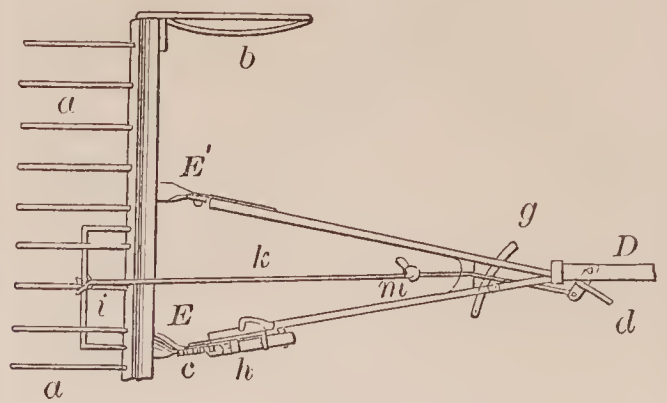
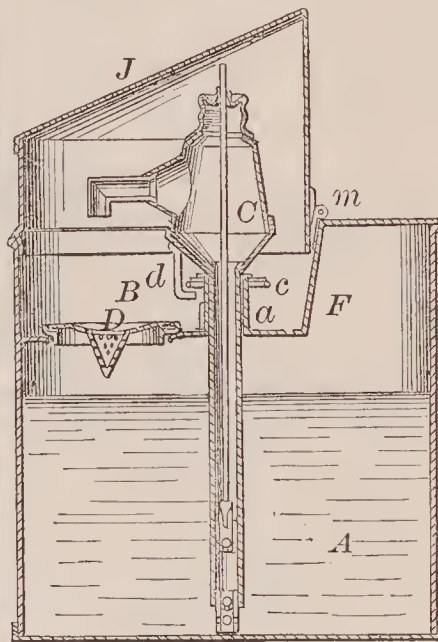
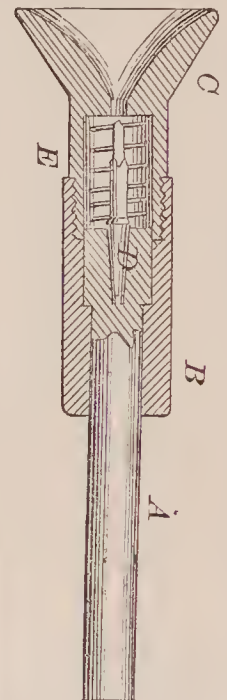
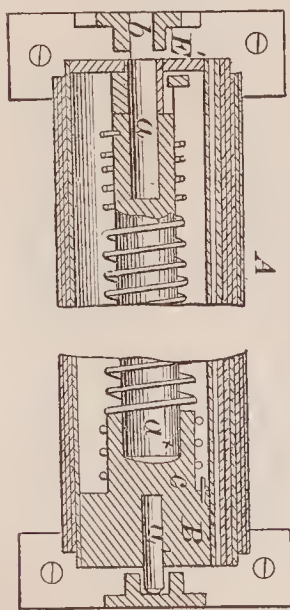
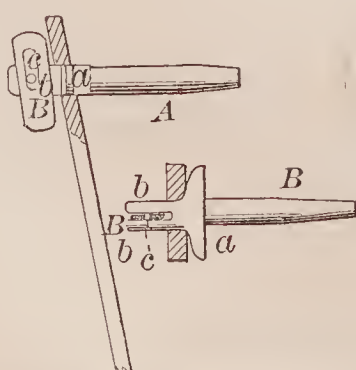
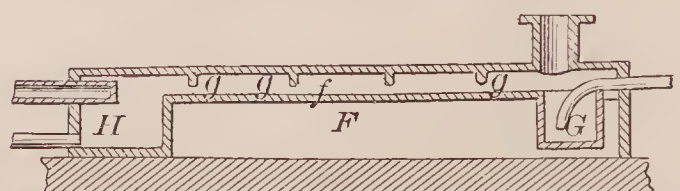
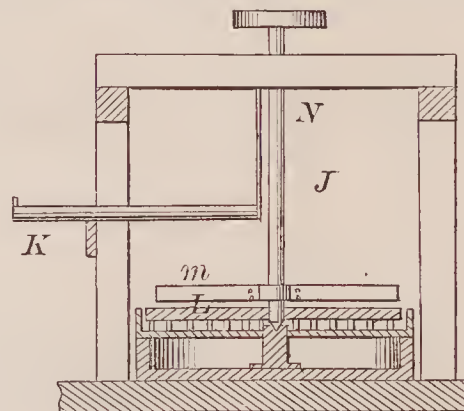
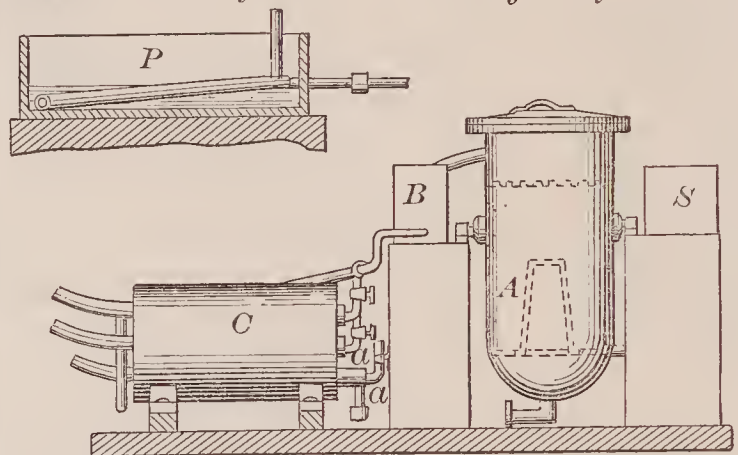


68496—E. L. Gaylord—*Piano Lock.*

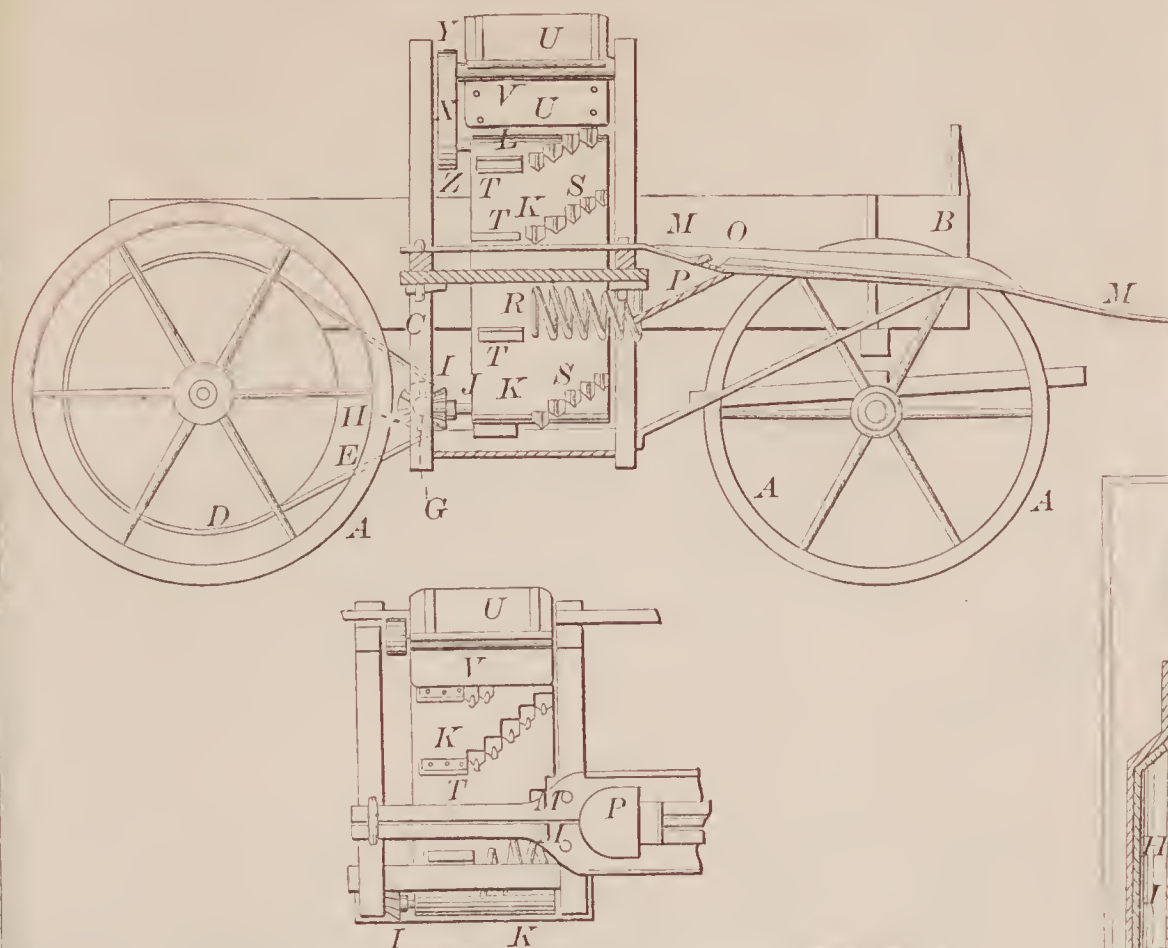


68498—H. Gill—*Screw Plate for Cutting Screws.*

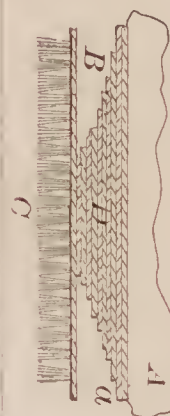


68499—J. S. Grant—*Bed Bottom.*68500—J. S. Grant—*Horse Rake.*68501—R. W. Hallett—*For Raising Sunken Vessels.*68503—G. Hatch—*Oil Can.*68504—R. Haworth—*Centering Tool.*68502—S. Hartshorn—*Shade Fixture.*68506—C. O. Heyl—*For Extracting Oil from Substances.*68505—C. Hayden—*Trace Fastener.*

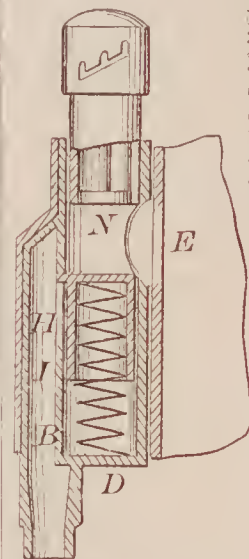
68507—J. D. Hill—*For Gathering and Husking Corn.*



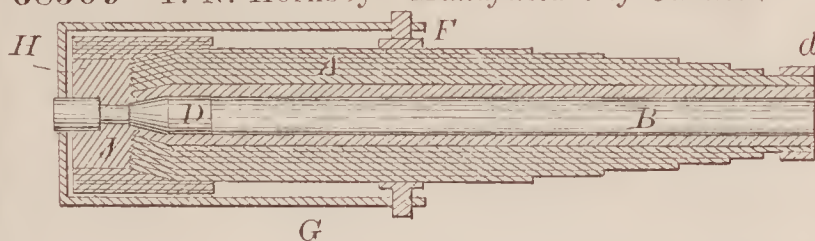
68513—O. Jones—*Horse Brush.*



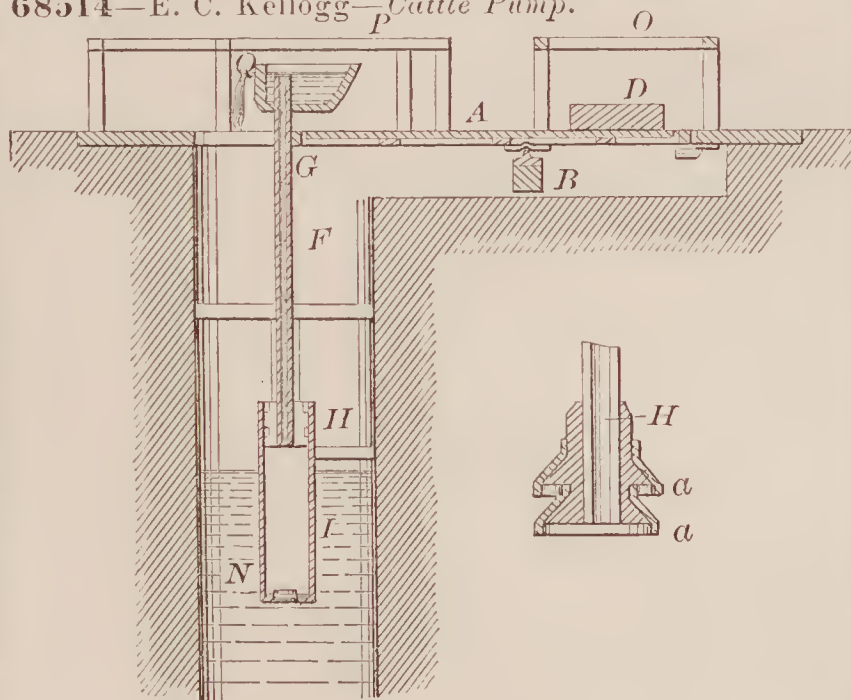
68512—C. Johnston—*Charger for Shot Pouches.*



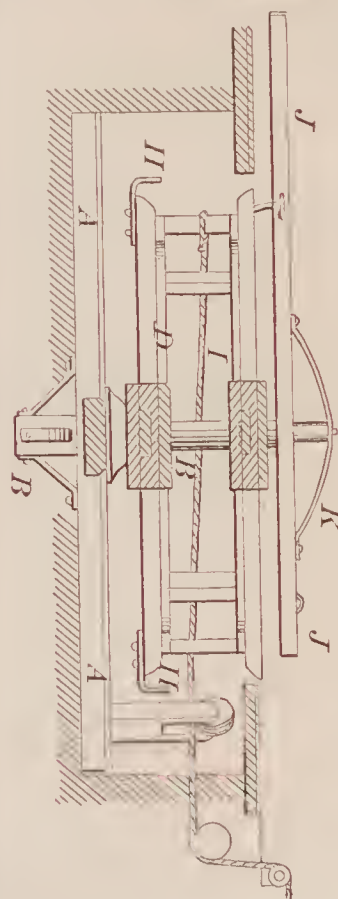
68509—T. N. Hornsby—*Manufacture of Cannon.*



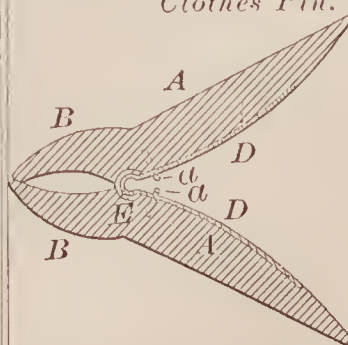
68514—E. C. Kellogg—*Cattle Pump.*



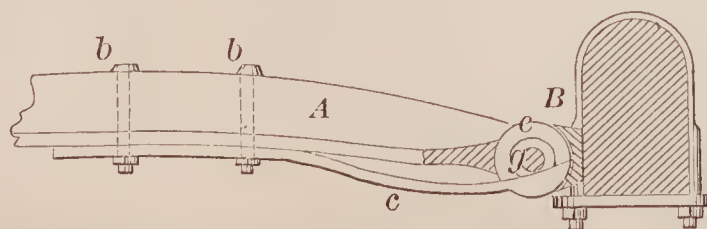
68508—Hipp & Faut—*Hay Elevator.*



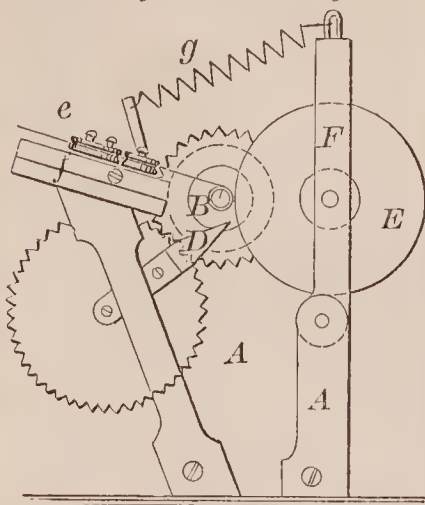
68510—J. P. R. James—*Clothes Pin.*



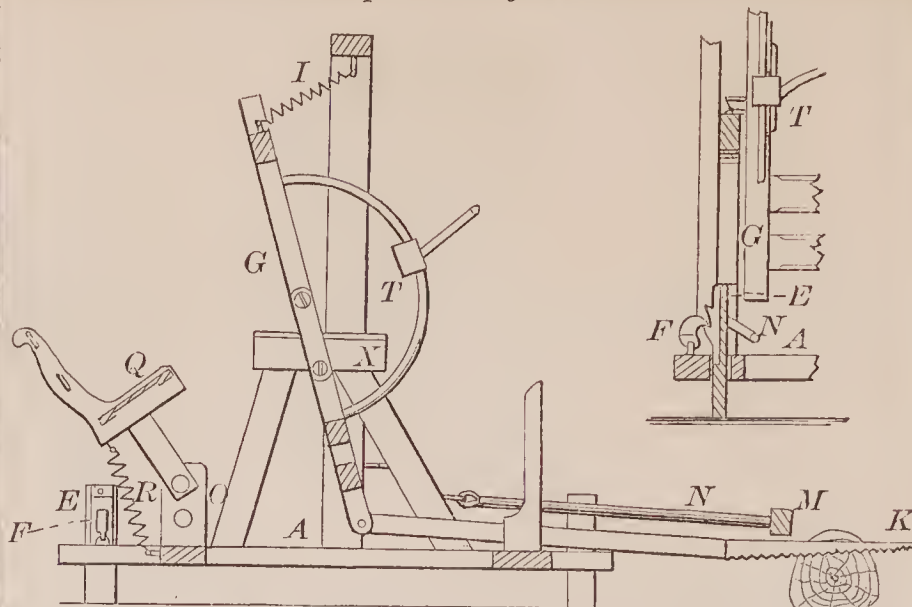
68515—J. Knox—*Thill Coupling.*



68516—S. B. Lane—*For Making Button Rings.*

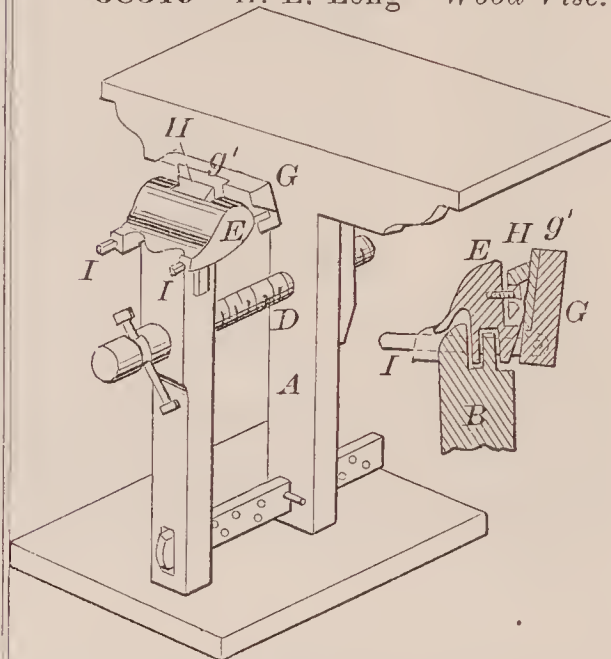


68517—G. C. Lathrop—*Sawing Machine.*

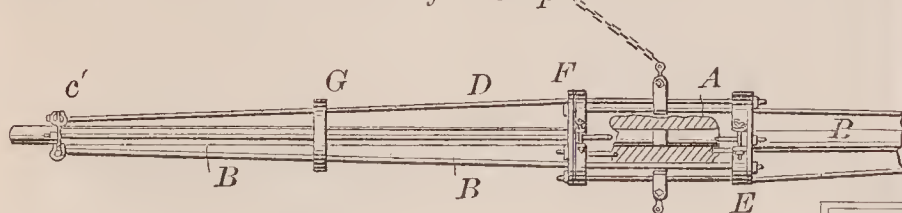


68521—S. B. Manley—*Obstetric Supporter.*

68519—H. E. Long—*Wood Vise.*



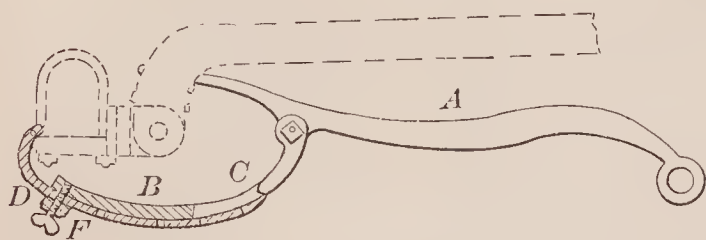
68522—E. Masters—*Yard for Ships.*



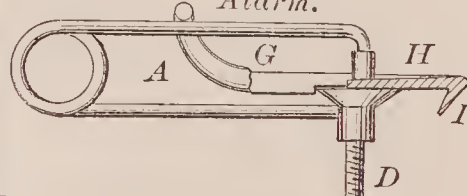
68518—L. B. & G. W. Lee—*Fly Net.*



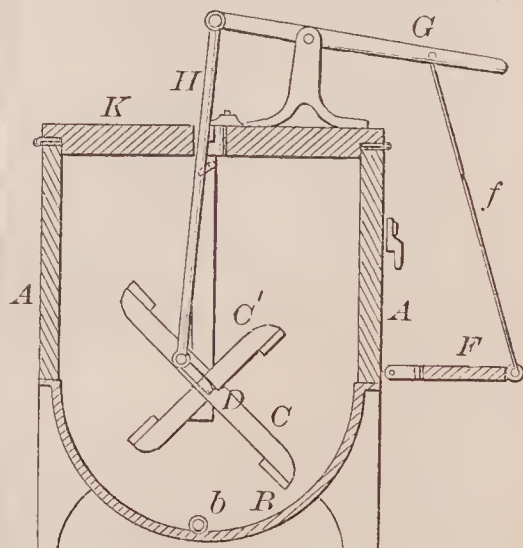
68524—M. J. Mellyn—*Adjusting Thills to Carriages.*



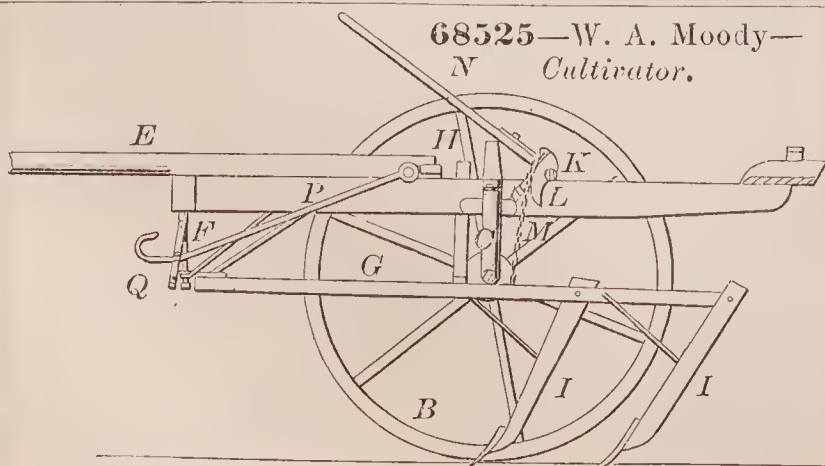
68520—E. F. Mallory—*Burglar Alarm.*



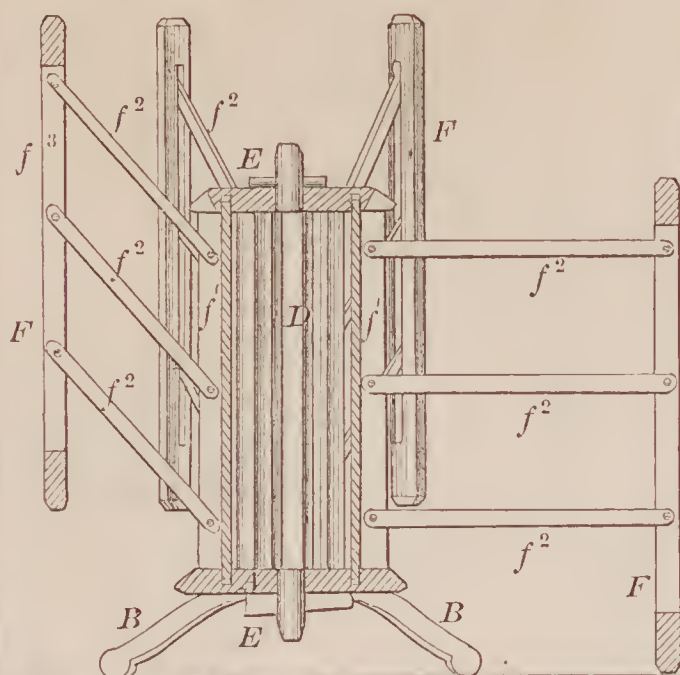
68523—D. C. McNeil—*Churn.*



68525—W. A. Moody—*N Cultivator.*

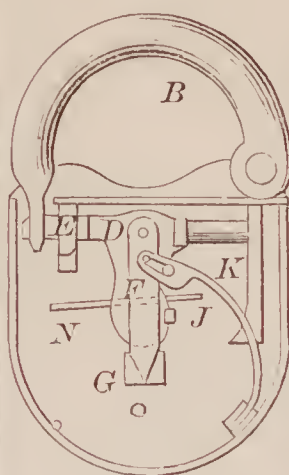


68526—R. M. Morriell—*Clothes Dryer.*

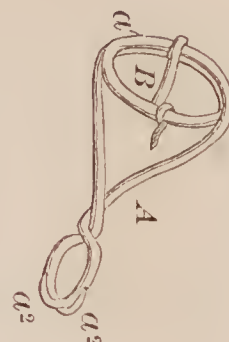


68527—

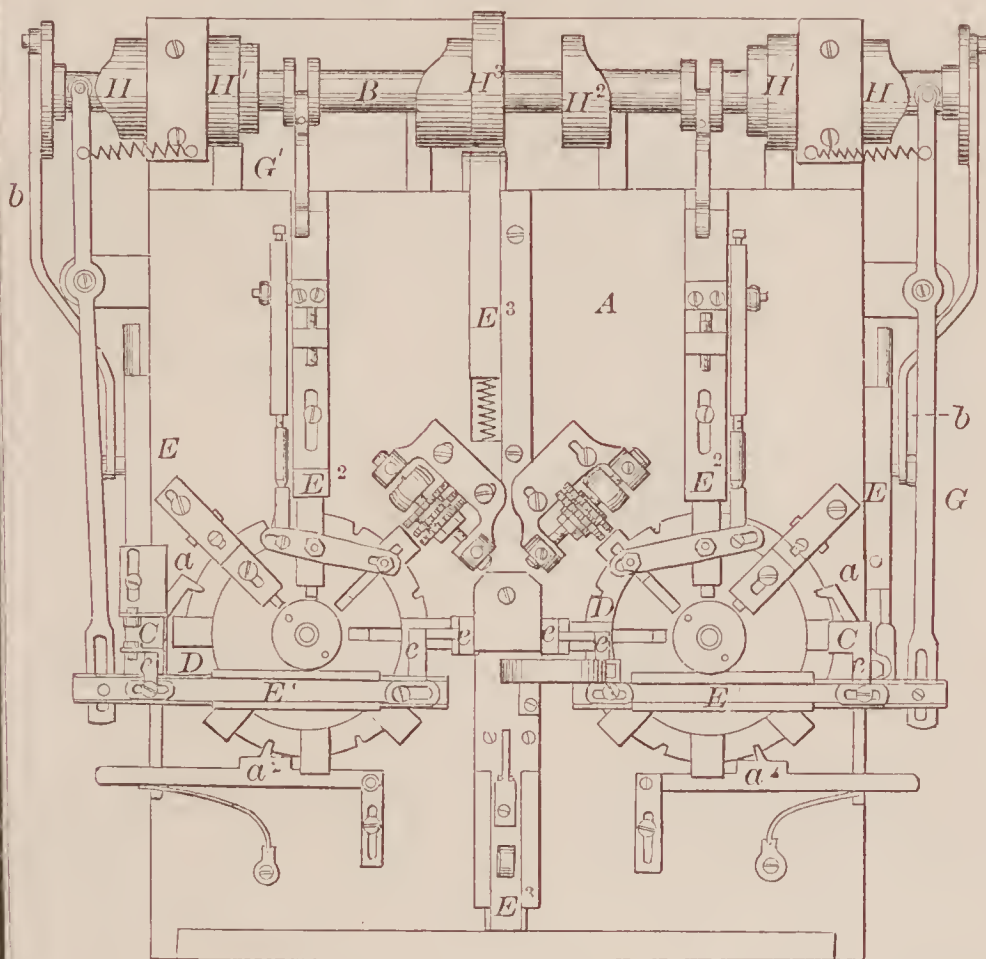
W. H. Murphy—*Padlock.*



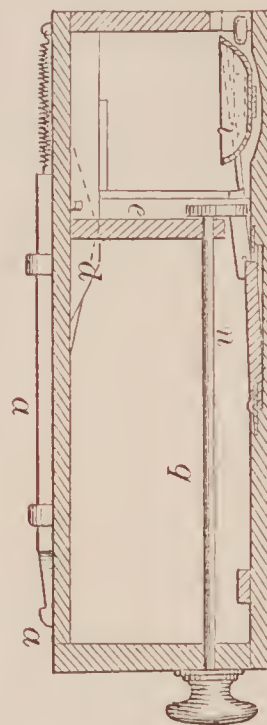
68528—S. W. Perkins—*Wire Snap Hook.*



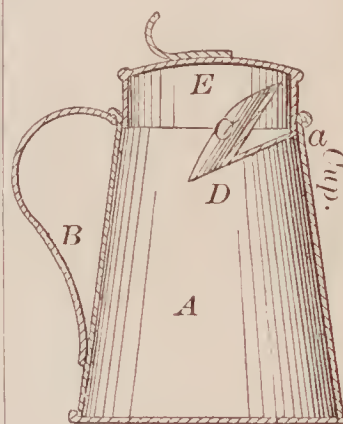
68529—A. Rais—*For Making Butt Hinges.*



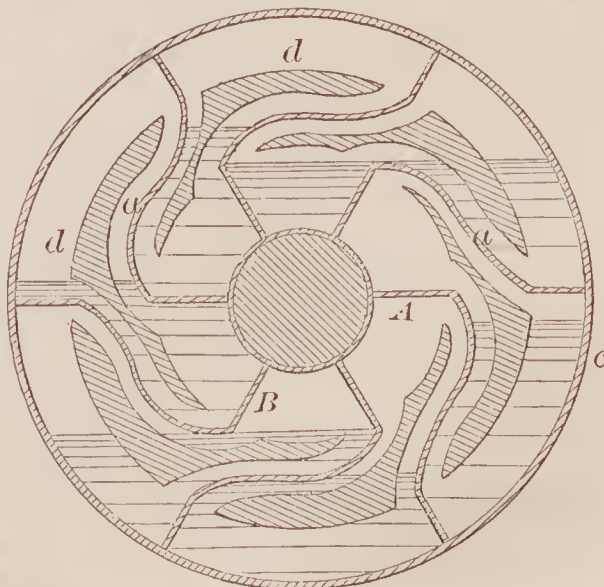
68531—L. Robbins—*Alarm Money Drawer.*



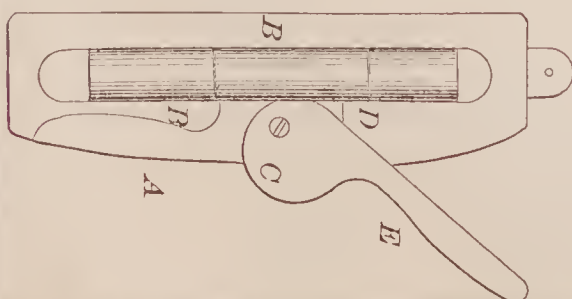
68532—W. S. Rooney—*Melasses.*

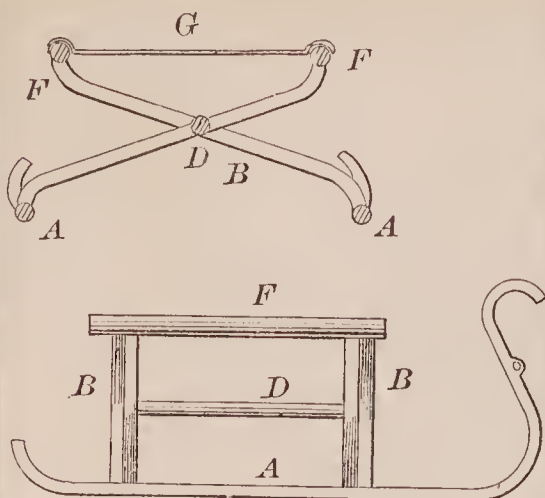
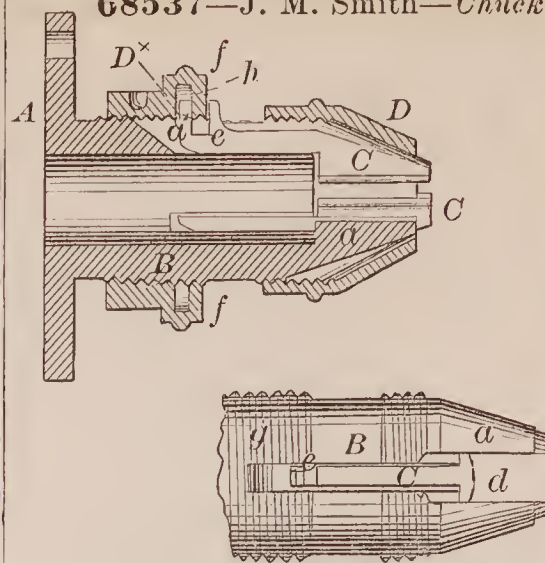
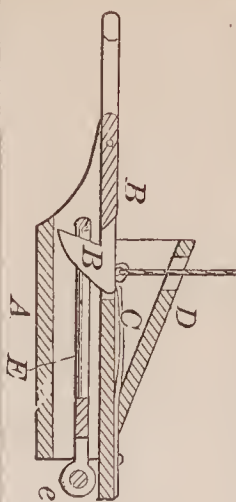
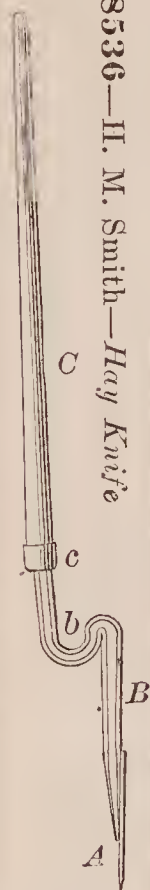
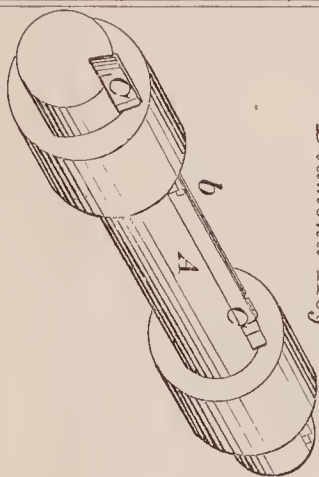
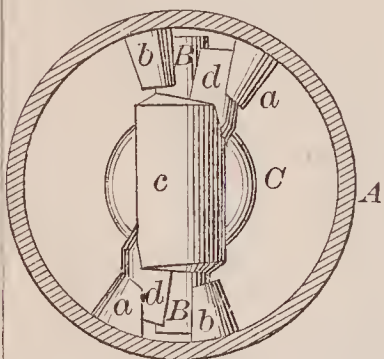
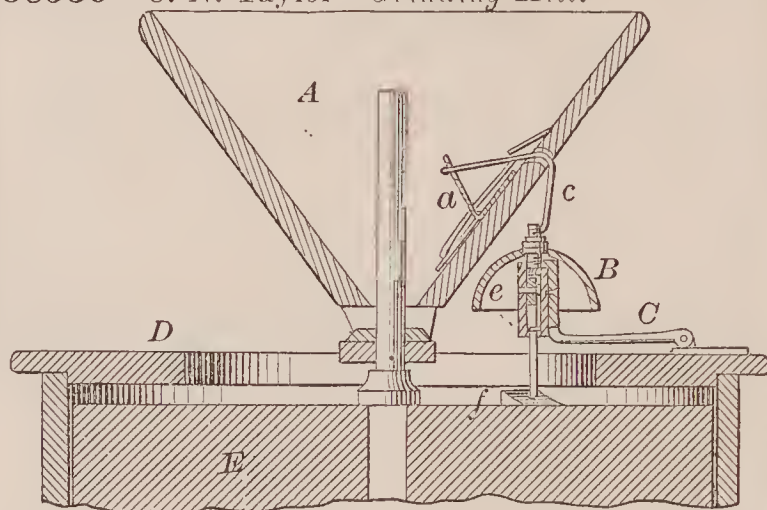
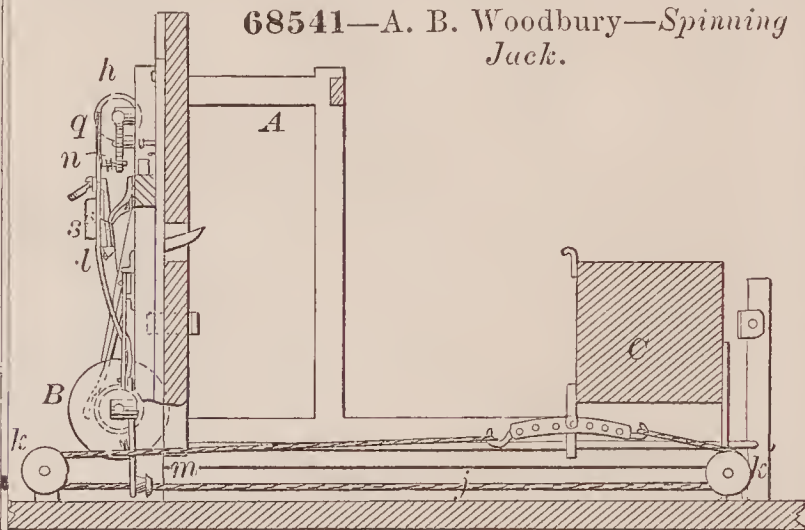
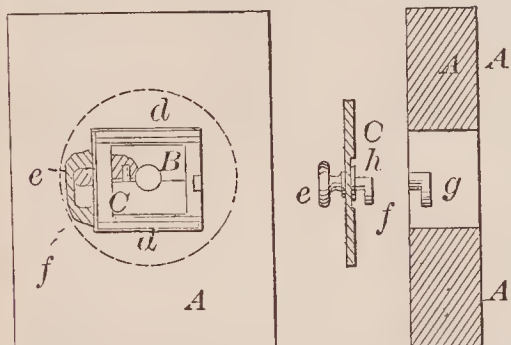
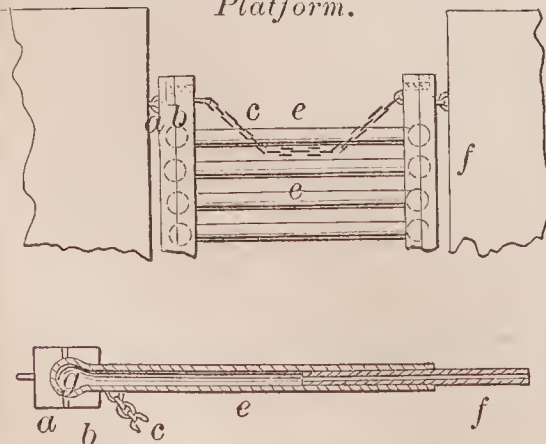
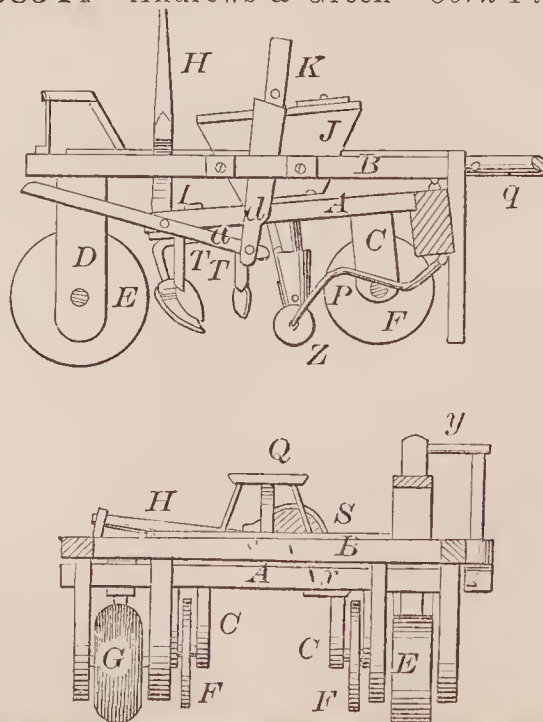


68530—R. Rice—*Fly or Balance Wheel.*

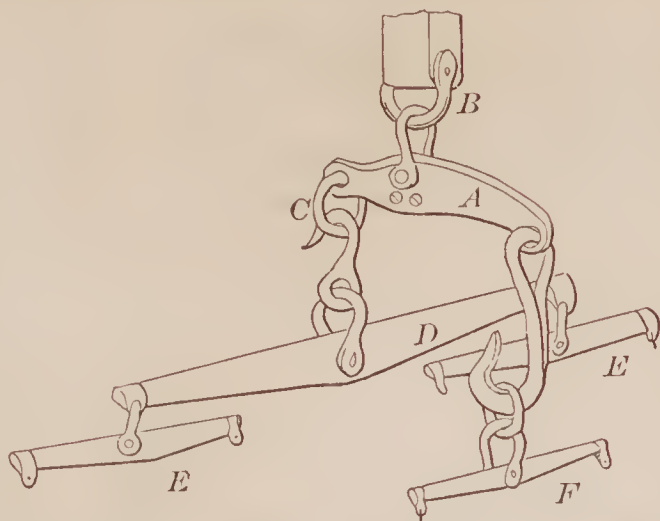


68533—Seger & Smith—*Clamp for Hinges.*

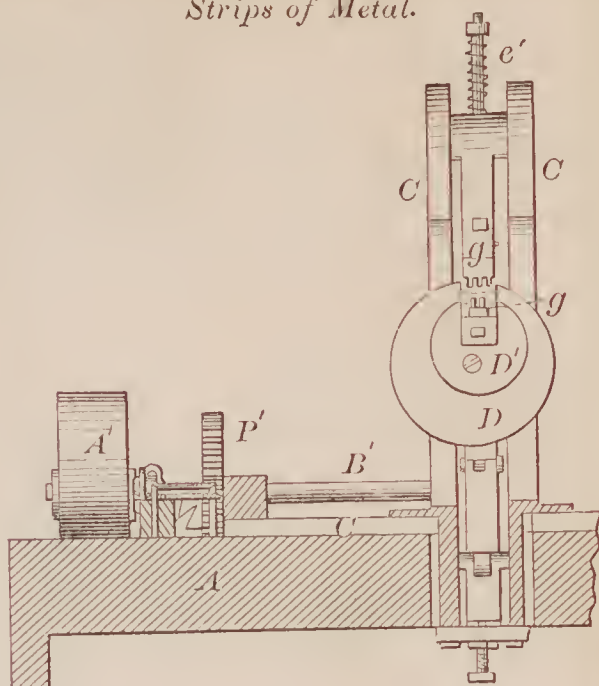


68534—J. Shaaber—*Sled.*68537—J. M. Smith—*Chuck.*68535—J. L. Short—*Trace Fastener.*68536—H. M. Smith—*Hay Knife.*68538—B. F. Southgate—*Diamond Key.*68542—A. Zwiebel—*Universal Joint.*68539—C. N. Taylor—*Grinding Mill.*68541—A. B. Woodbury—*Spinning Jack.*68540—W. Welch—*Locking Device.*68543—C. R. Abbot—*Safety Car Platform.*68544—Andrews & Green—*Corn Planter.*

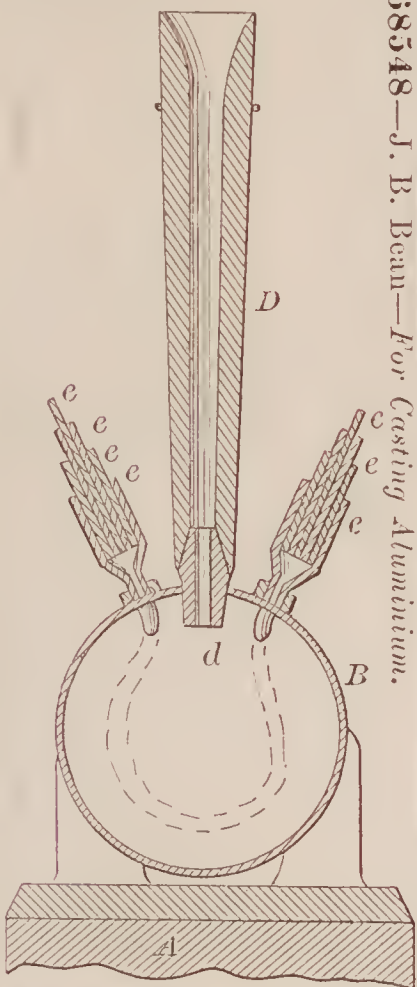
68545—Austin & Schaw—*Plow Clevis.*



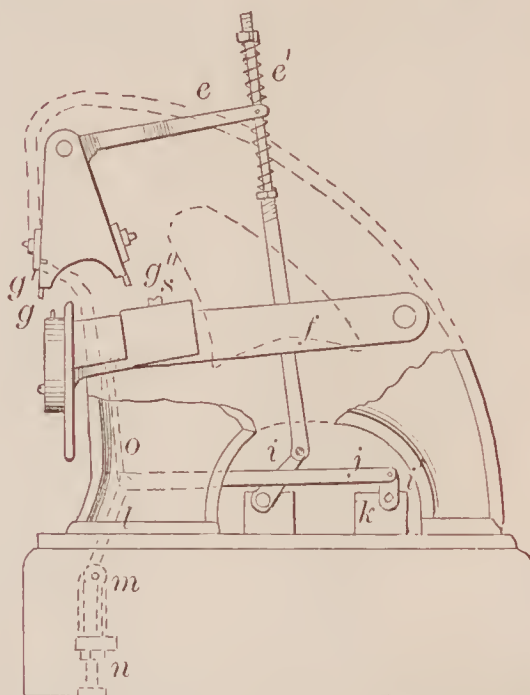
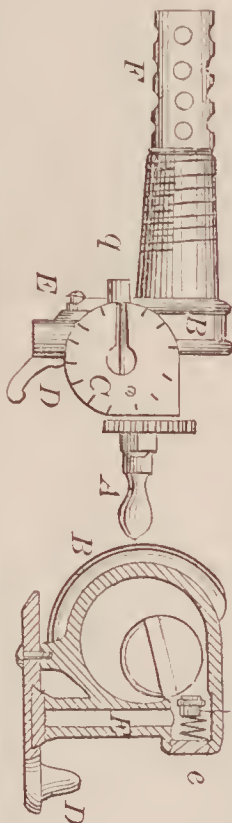
68547—H. A. Bartlett—*For Connecting Strips of Metal.*



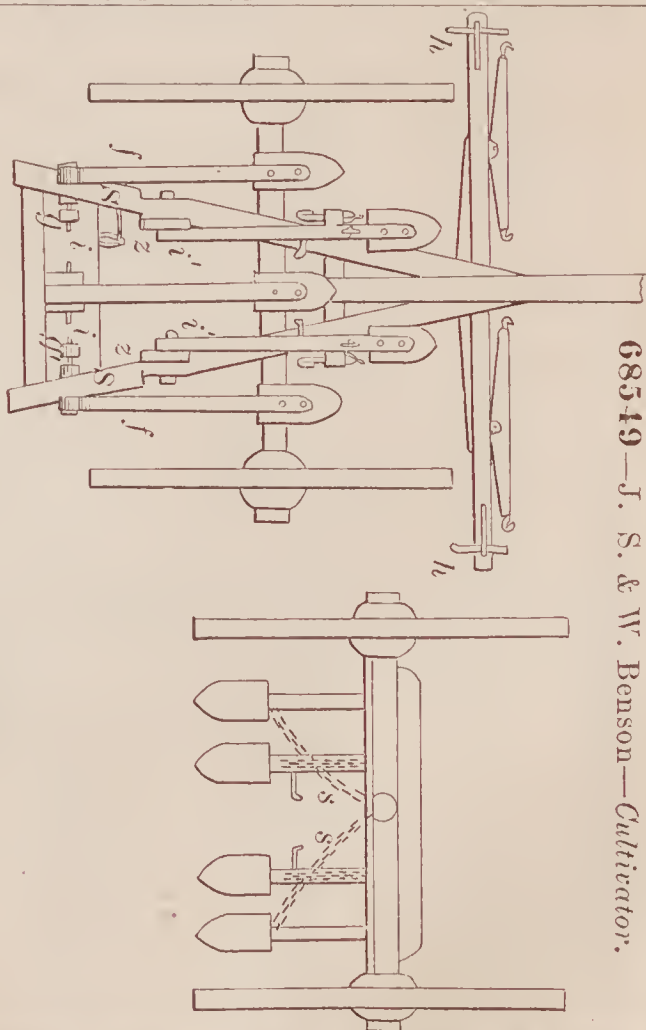
68548—J. B. Beam—*For Casting Aluminium.*



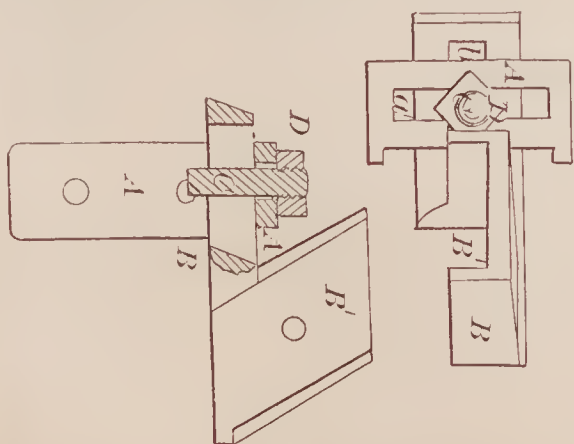
68546—Baker & Harbster—*Rotary Measuring Faucet.*



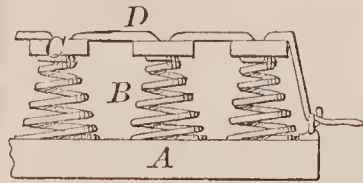
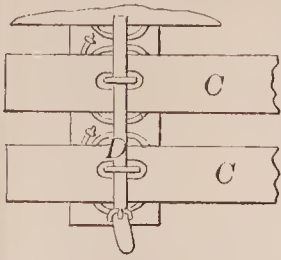
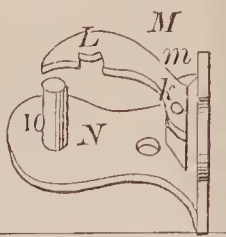
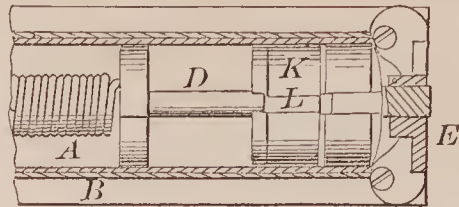
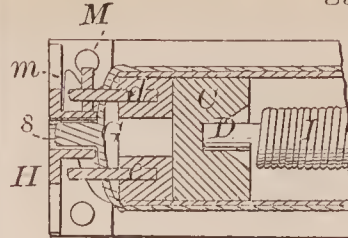
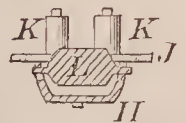
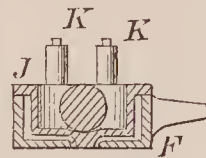
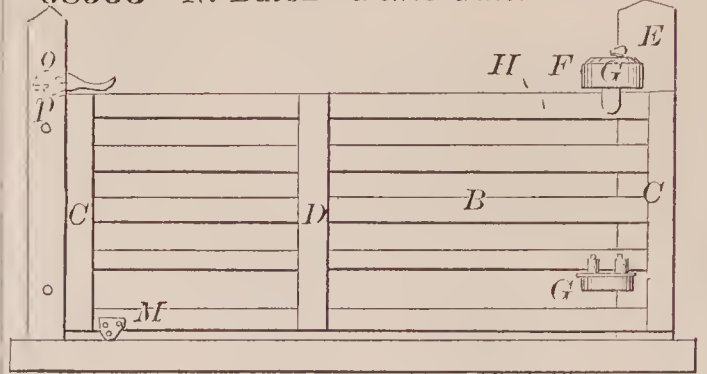
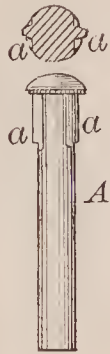
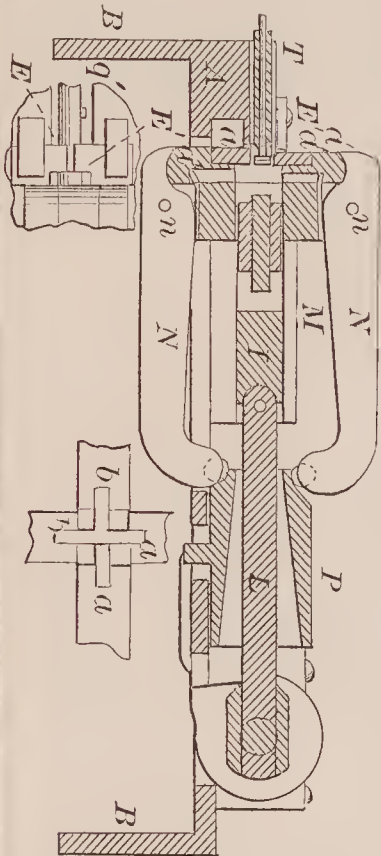
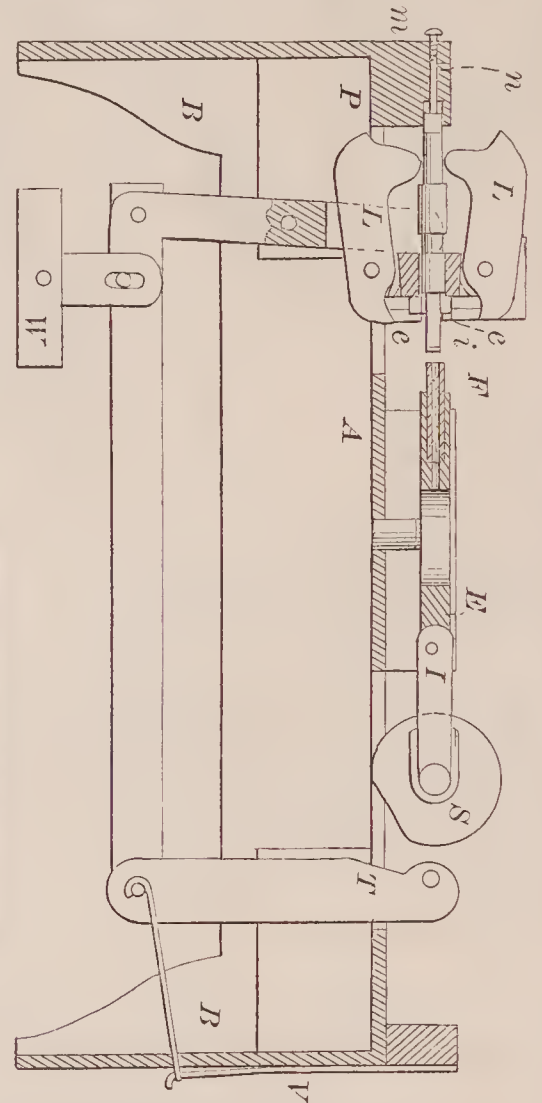
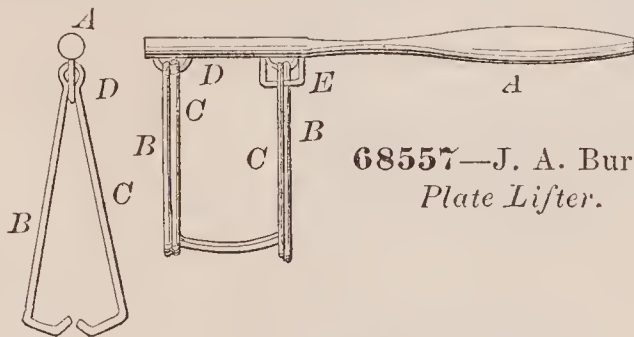
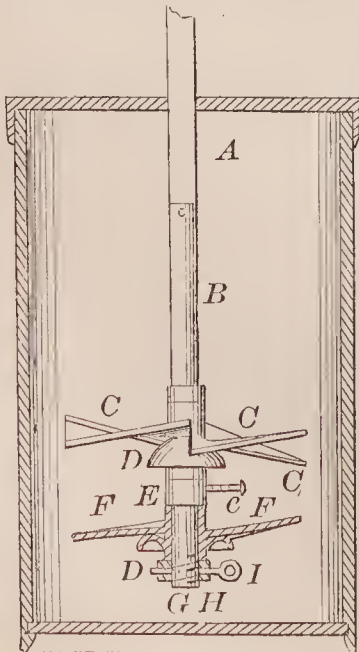
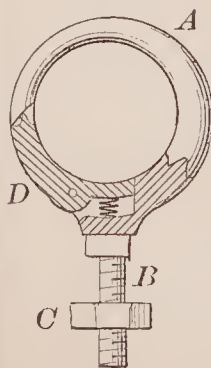
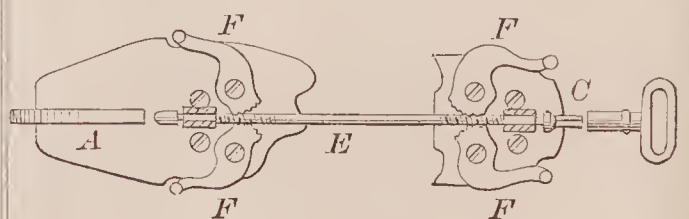
68549—J. S. & W. Benson—*Cultivator.*



68550—E. L. Bergstresser—*Plow.*



68551—

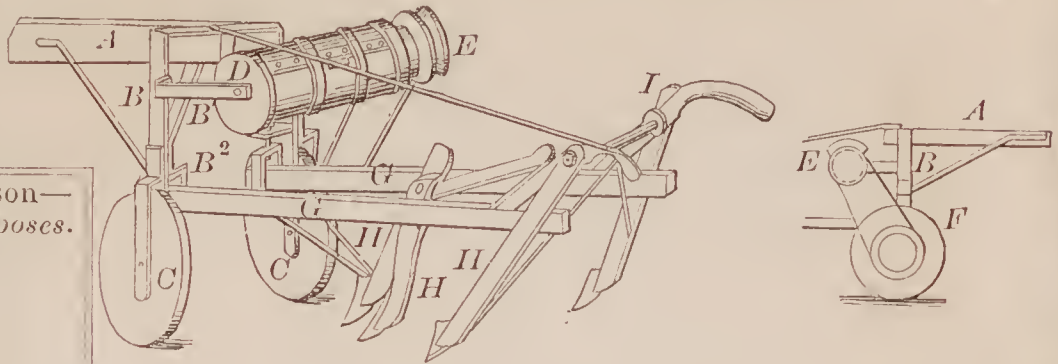
B. R. Boynton—
Bed Bottom.68552—E. T. Briggs—*Curtain Fixture.*68553—N. Burch—*Fence Gate.*68554—O. C. Burdick—*Carriage Bolt.*68555—O. C. Burdick—*For Heading Bolts.*68556—O. C. Burdick—*Nut Machine.*68557—J. A. Burns—
Plate Lifter.68560—J. E. Finley—*Churn.*68559—E. Deming—*Check Hook.*68558—R. Carmichael—*Skate.*

68562—

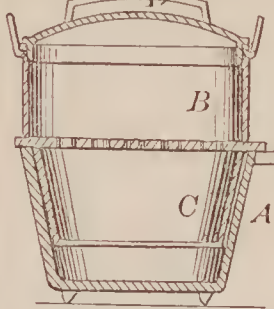
R. H. Guilford—
b Button.



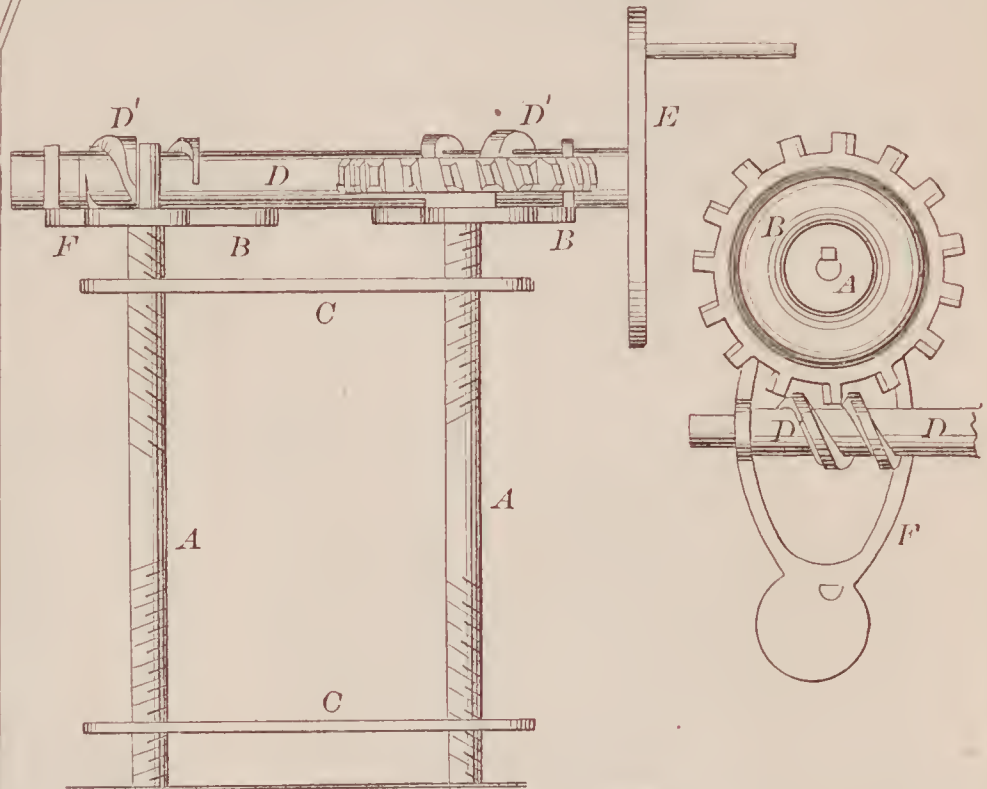
68563—P. Hackett—Seed Sower and Corn Plow.



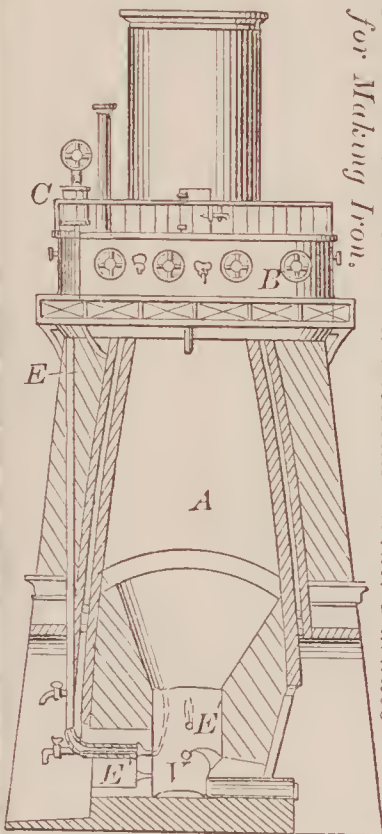
68564—W. H. Henderson—
Boiler for Culinary Purposes.



68568—M. McElroy—Hay and Cotton Press.



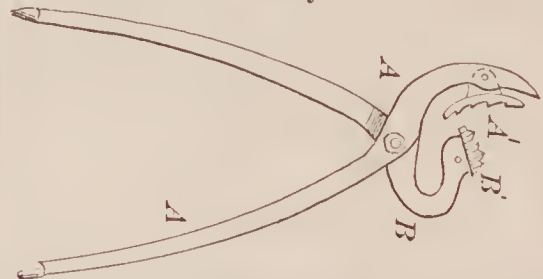
68565—Hendrickson & McLean—Blast Furnace
for Making Iron.



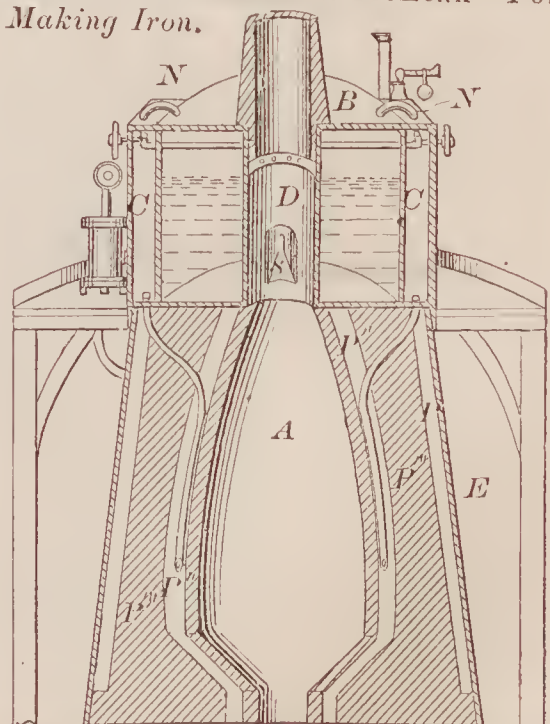
68570—F. B. Morse—
Whiffletree Iron.



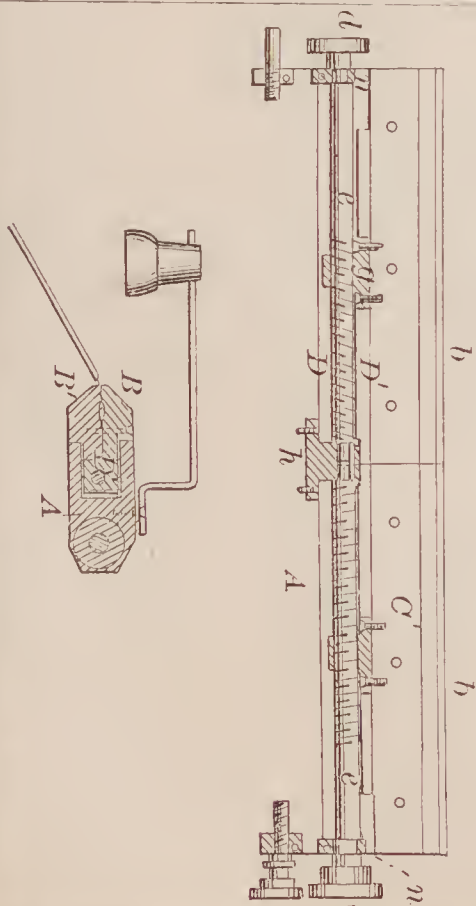
68567—J. Koyl—Nail Clincher.



68566—Hendrickson & McLean—For
Making Iron.

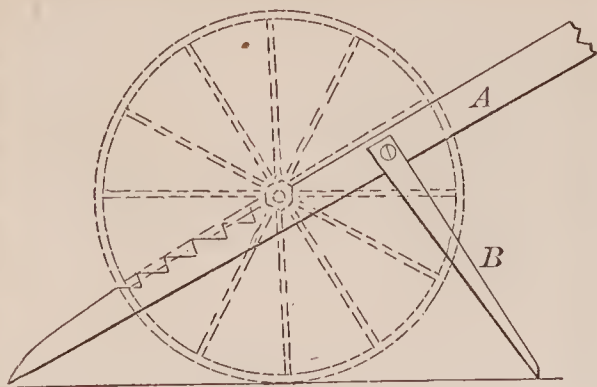
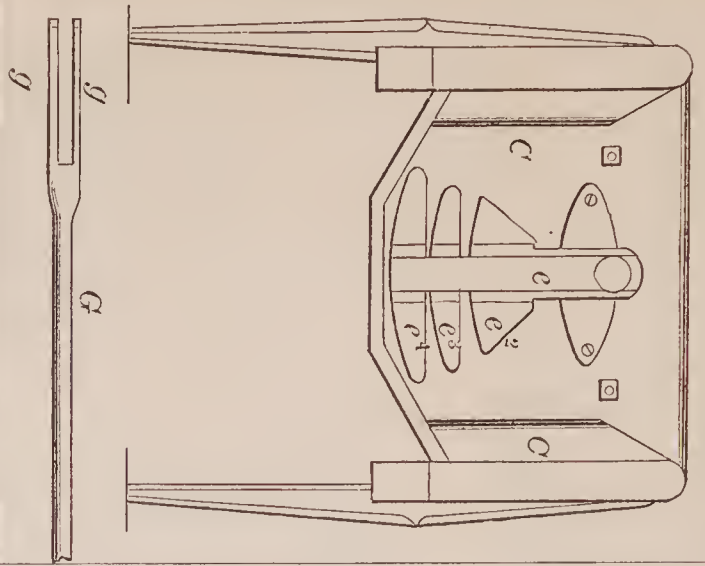
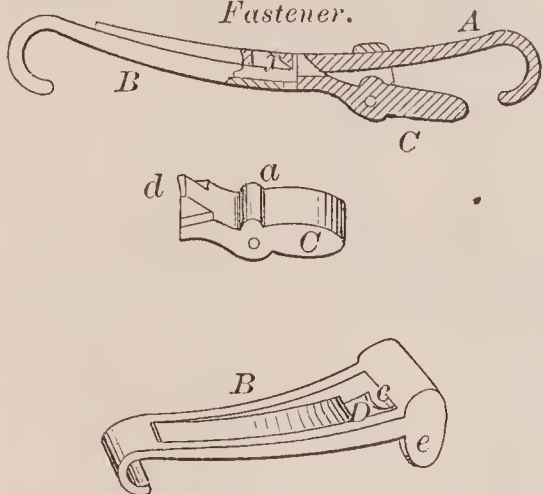
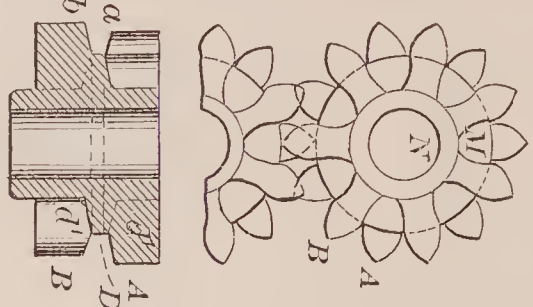
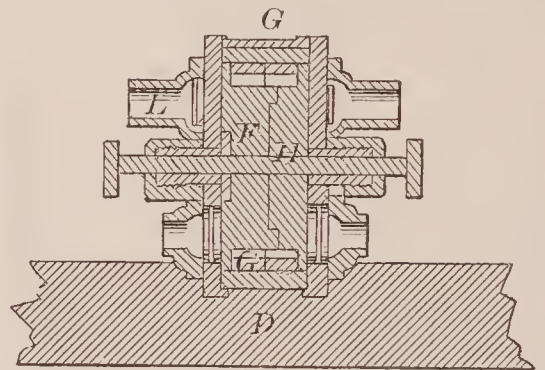
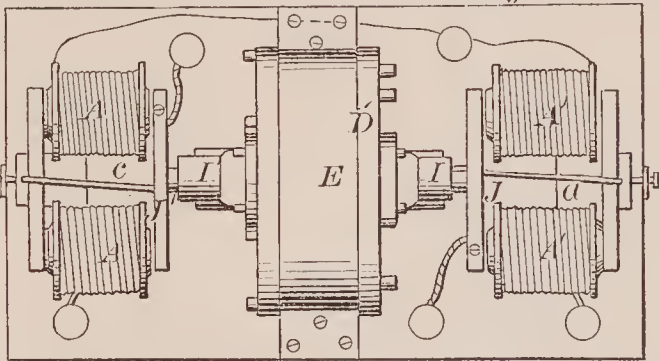
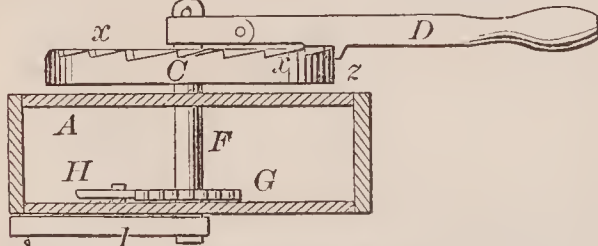
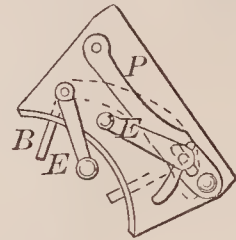
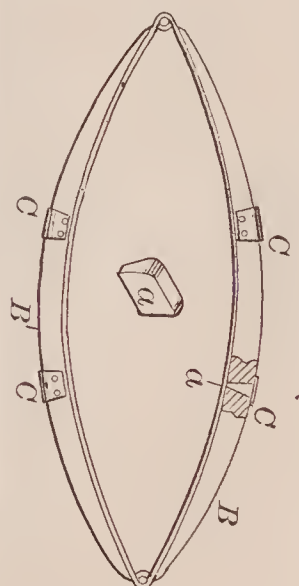
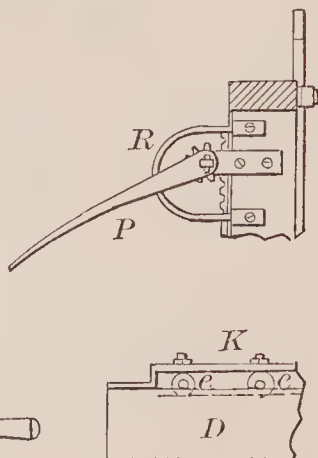
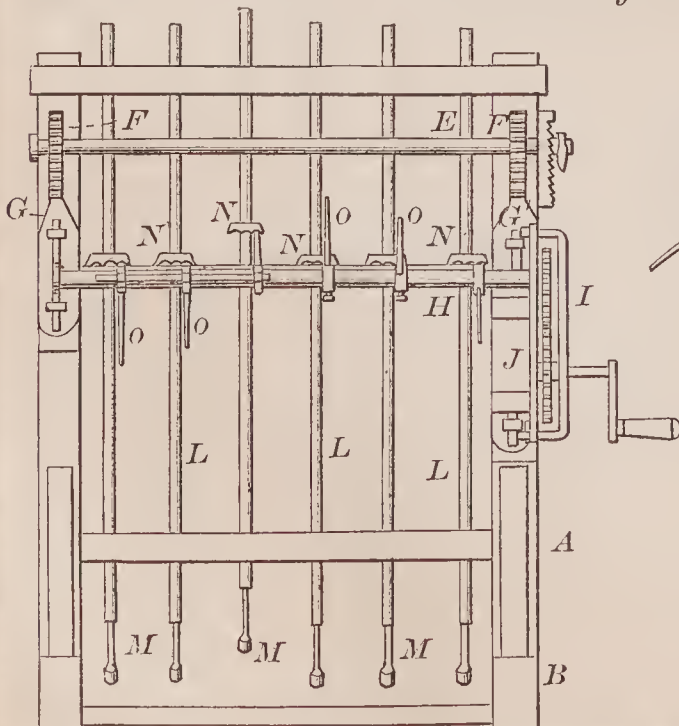


68571—W. B. Pollock—Paper Rolling Machine.



68569—J. D. Miller—Hitching Strap.

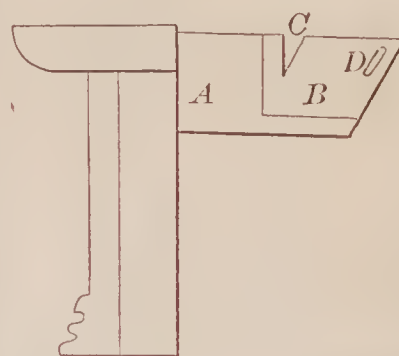


68572—P. C. Porter—*Carriage Jack.*68573—A. Powell—*Washing Machine.*68575—J. R. Richardson—*Hame Fastener.*68576—W. Rowell—*Clothes Wringer.*68577—Rudd & Shawk—*Electro-Magnetic Pump.*68579—J. L. Smith—*Car Brake.*68574—C. C. Reynolds—*Threshing Machine.*68580—A. M. Southard—*Stone Drilling Machine.*68578—Smith & Judson—*Spring.*

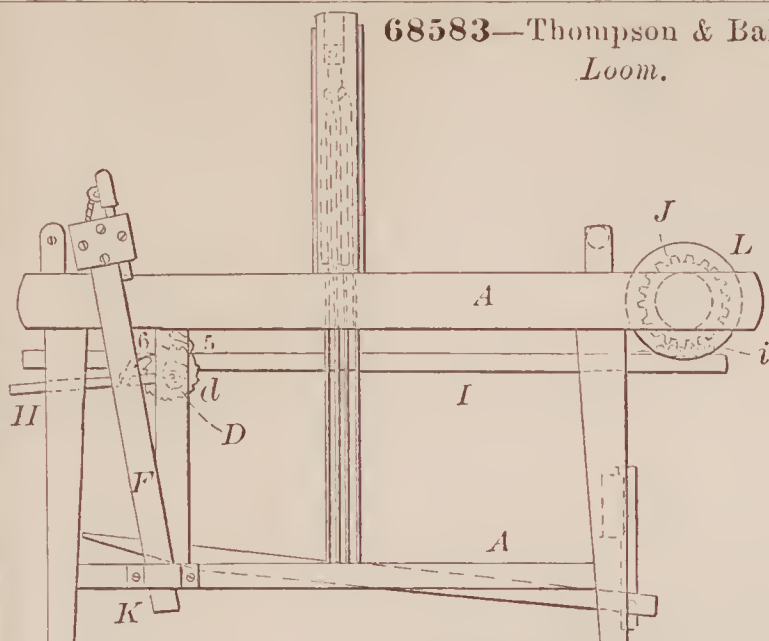
68581—G. L. Squier—*Harvester Pitman.*



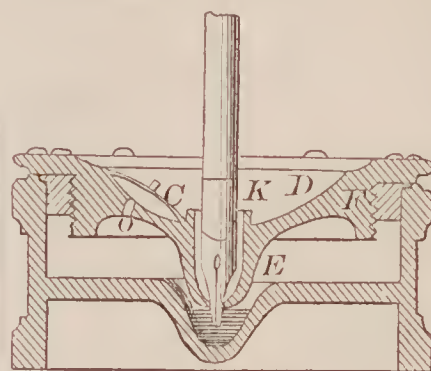
68586—C. E. Wilcox—*Billiard Table Cushion.*



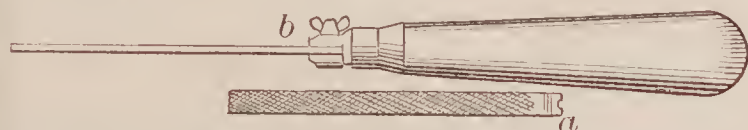
68583—Thompson & Ballard—*Loom.*



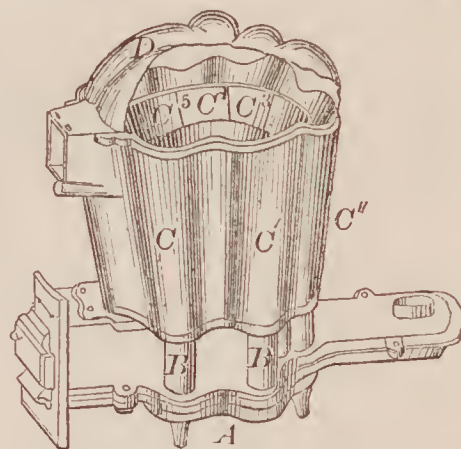
68588—S. Darling—*Inkstand.*



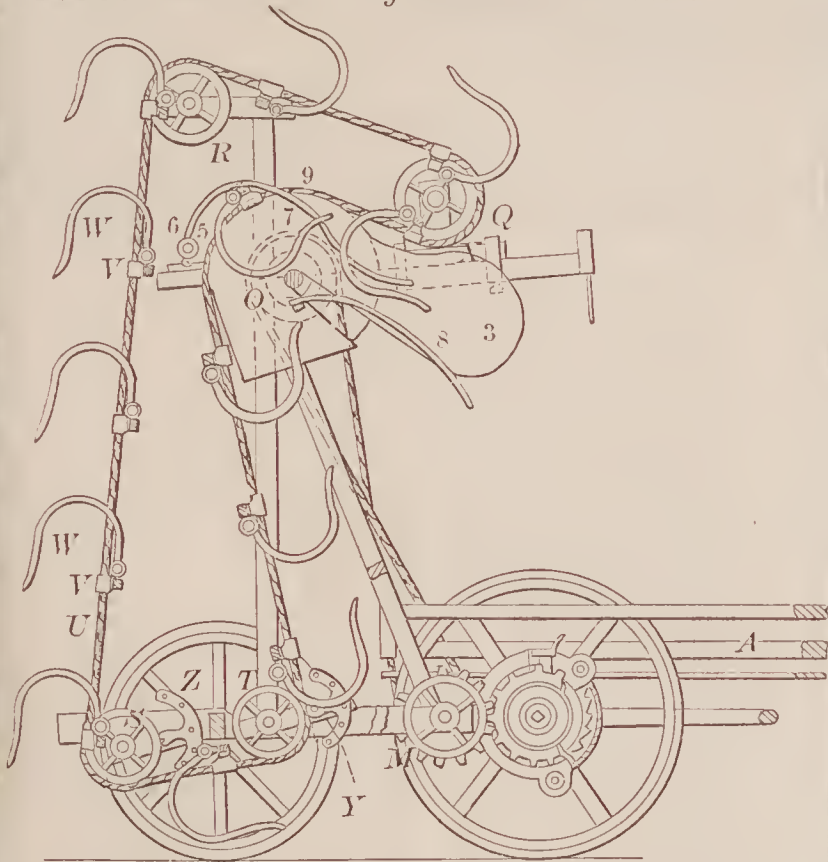
68584—A. Weed—*File.*



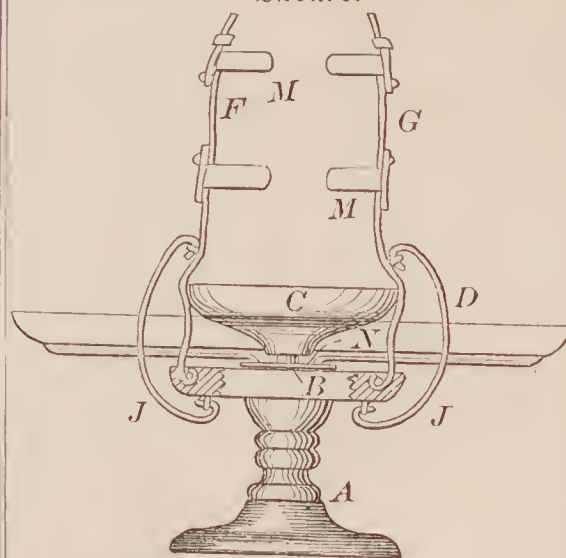
68589—J. Albee—*Hot Air Furnace.*



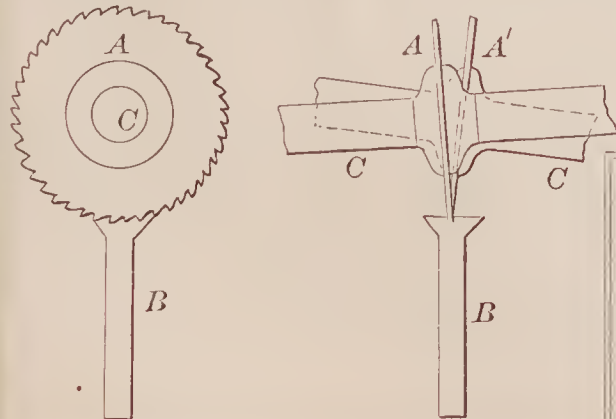
68587—M. Webb—*Hay Raker and Loader.*



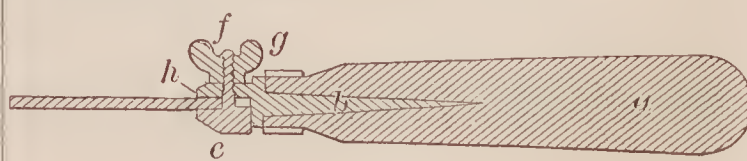
68591—A. D. Atwood—*Sheep Shears.*

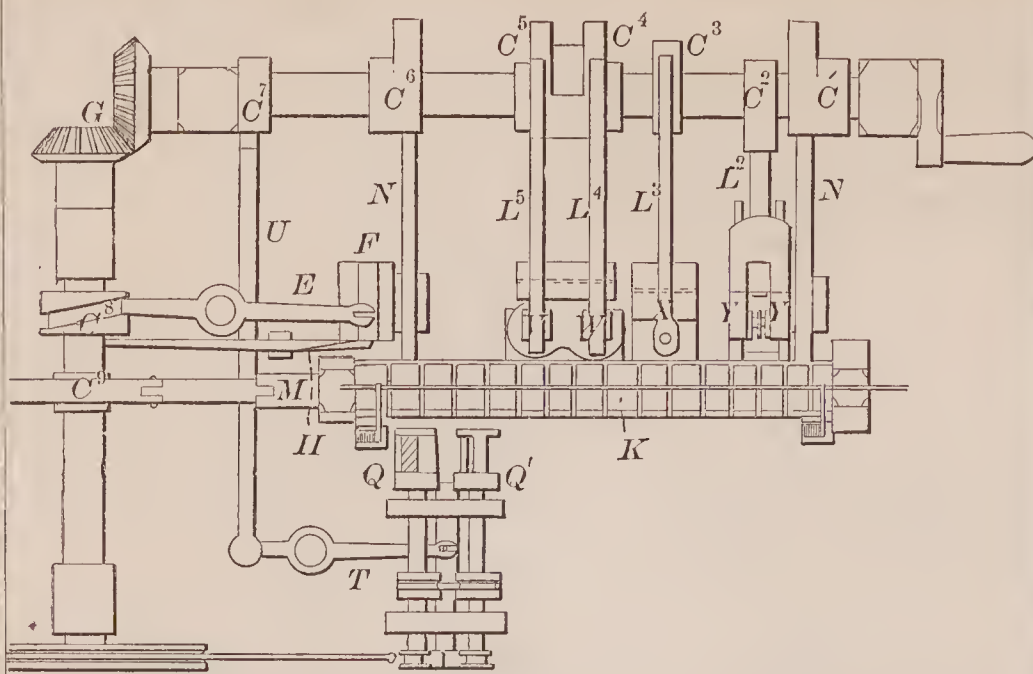
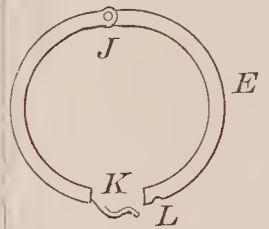
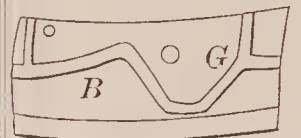
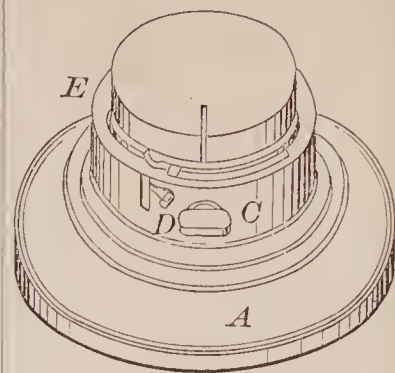
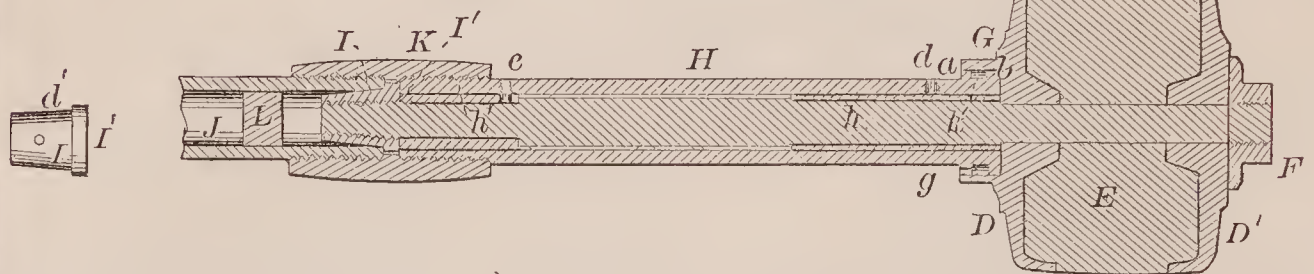
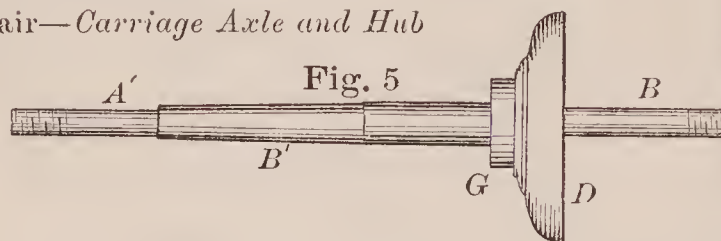
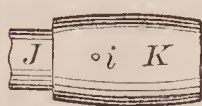
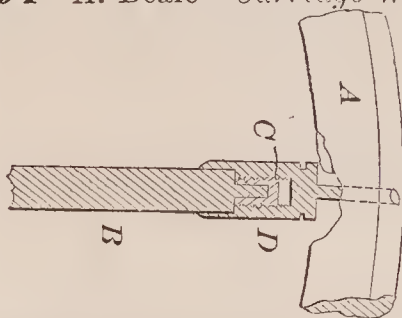
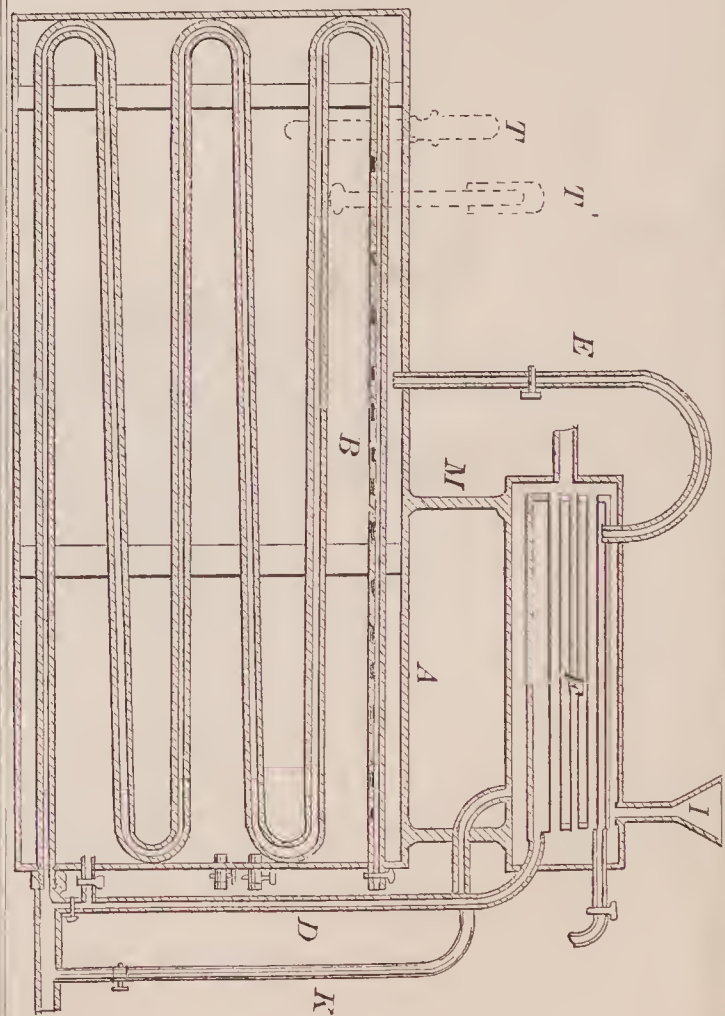
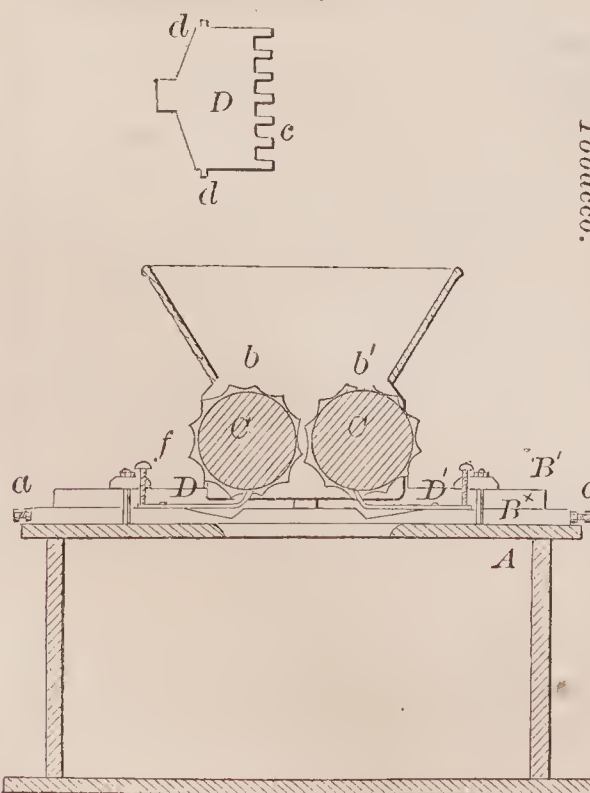


68592—J. A. Ayres—*For Nicking Screws.*

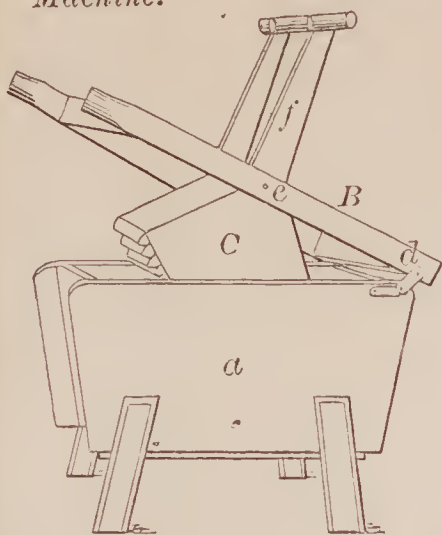


68585—A. Weed—*File Handle.*

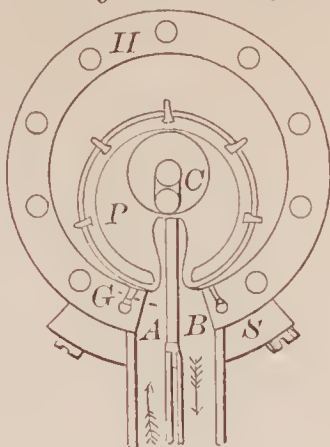


68593—R. T. Barton—*For Making Needles.***68595**—D. Bickford—*Knitting Machine.***68596**—L. F. Blair—*Carriage Axle and Hub***68594**—A. Beale—*Carriage Wheel.***68598**—J. F. Boynton—*Steam Generator.***68597**—N. H. Borgfeldt—*For Breaking Stems of Tobacco.*

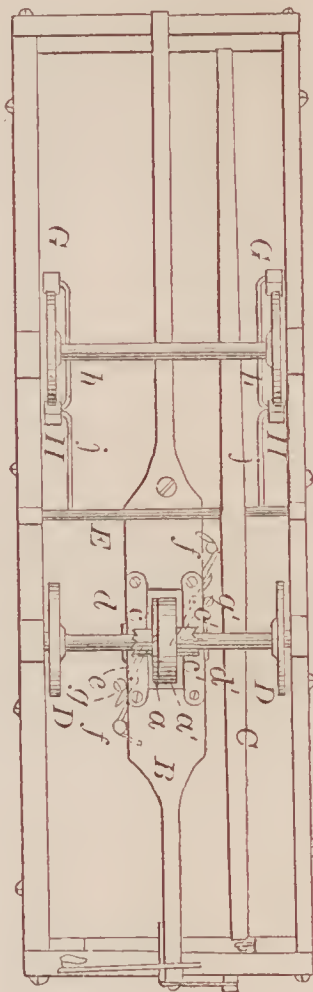
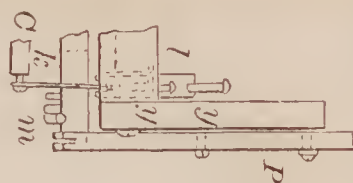
68599—T. Brown—*Washing Machine.*



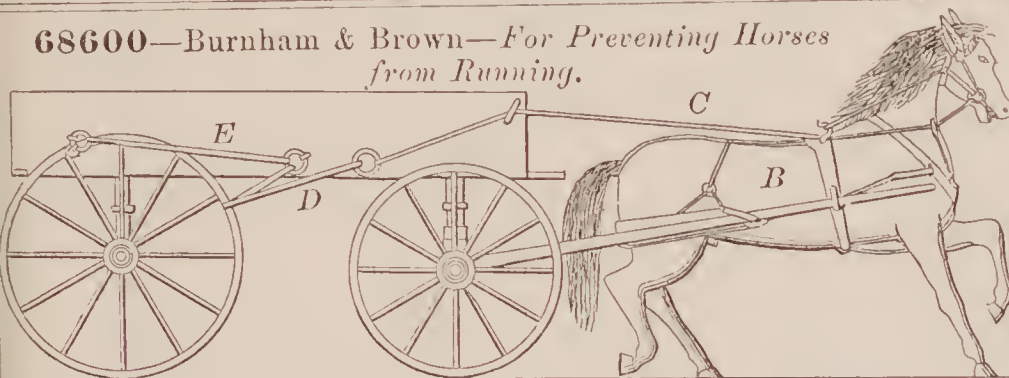
68602—L. Carpenter—*Rotary Steam Engine.*



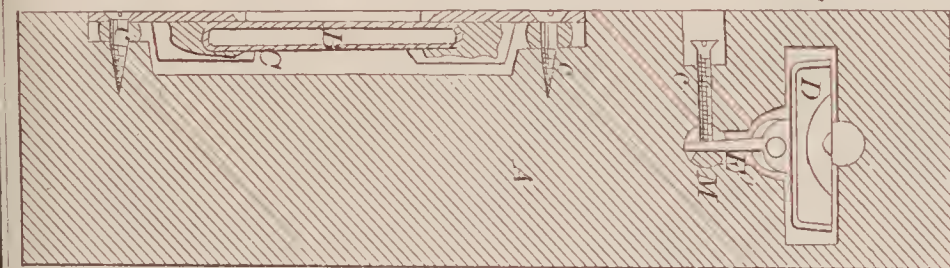
68601—Burt & Hildreth—*Car Brake.*



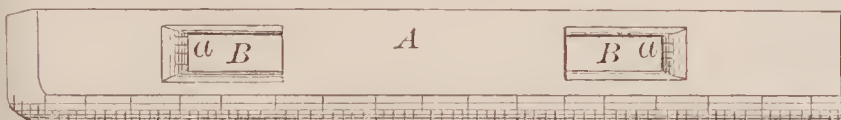
68600—Burnham & Brown—*For Preventing Horses from Running.*



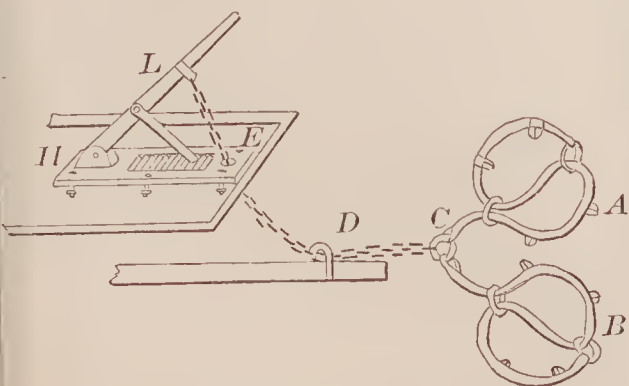
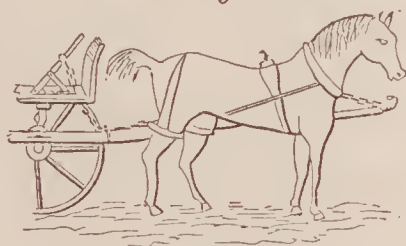
68603—Chapin & Stanley—*Adjusting Spirit Level.*



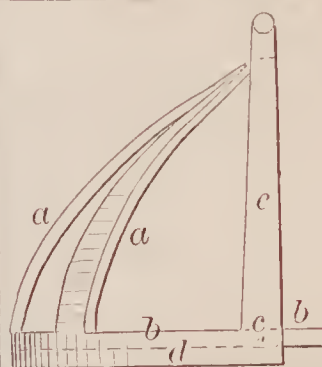
68605—D. W. Clegg—*Counting House Ruler.*



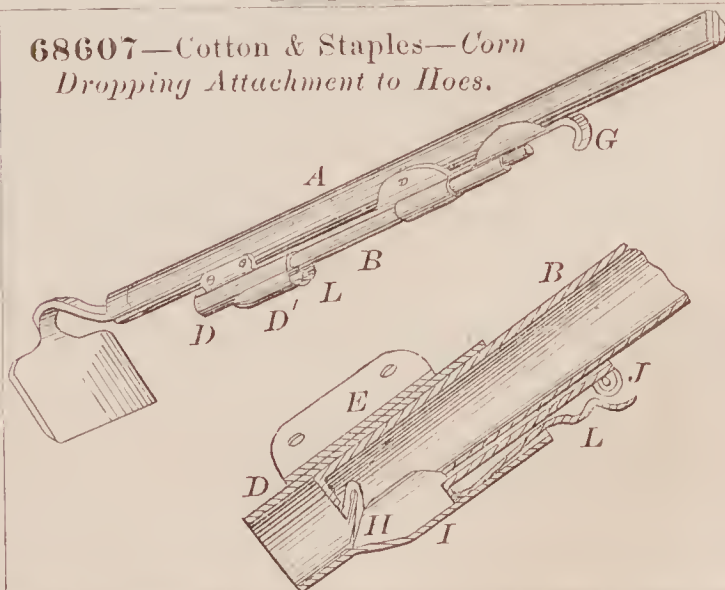
68606—S. M. Cooper—*For Stopping Runaway Horses.*

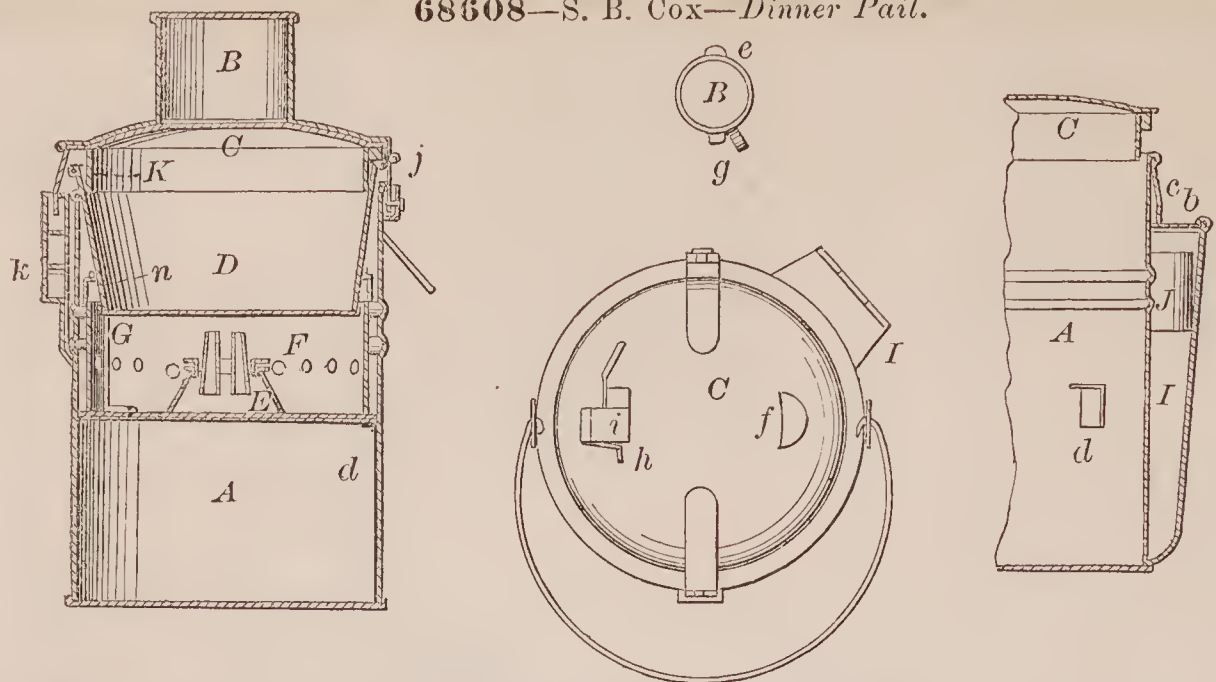
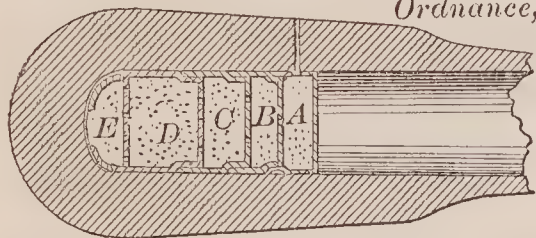
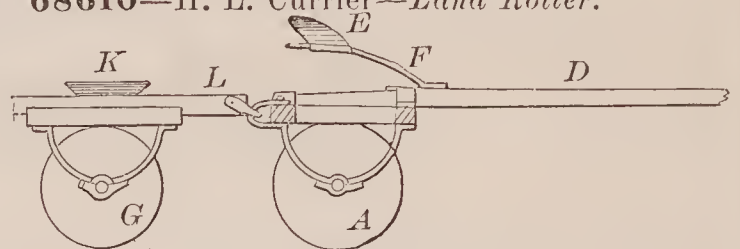
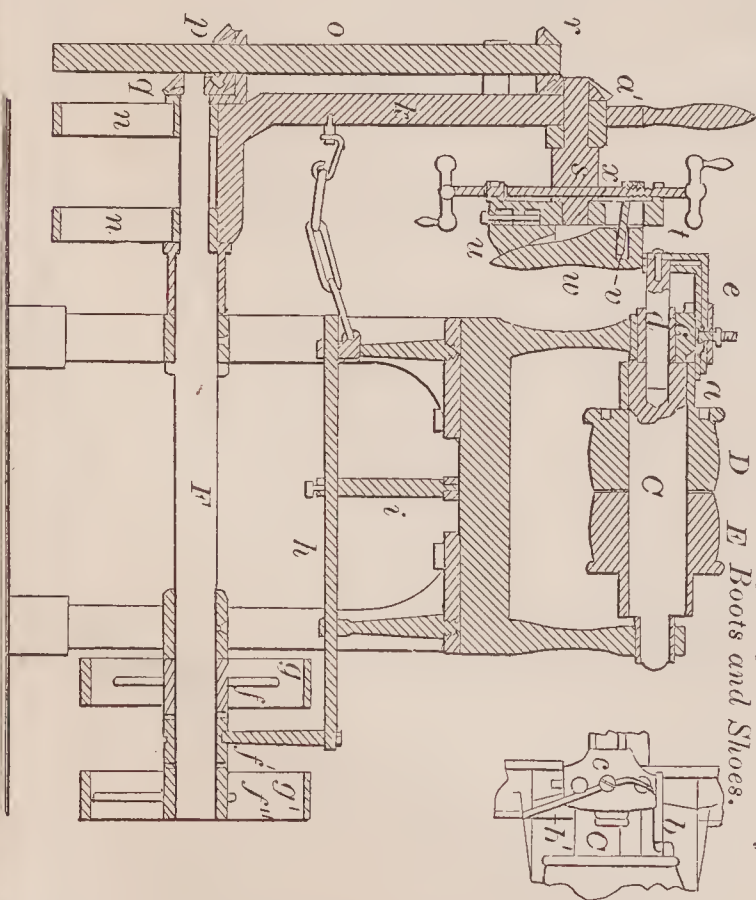
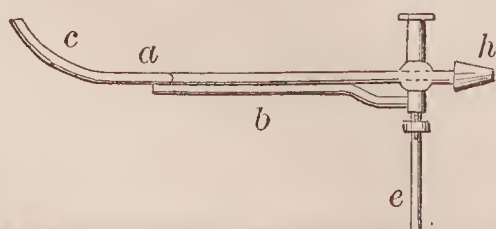
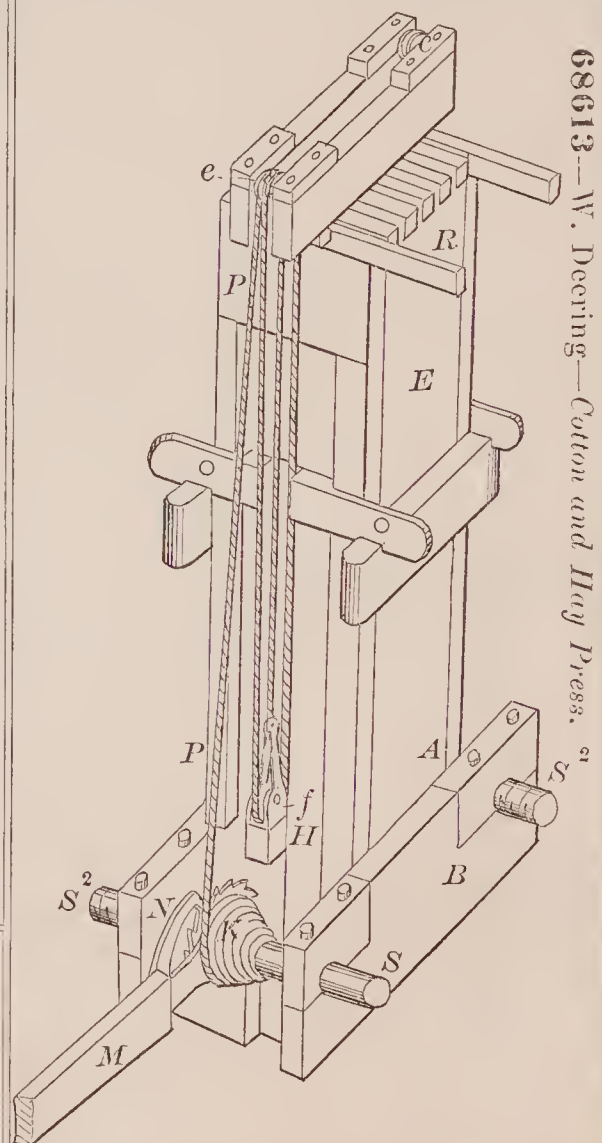


68604—S. F. Clark—*Safety Stirrup.*

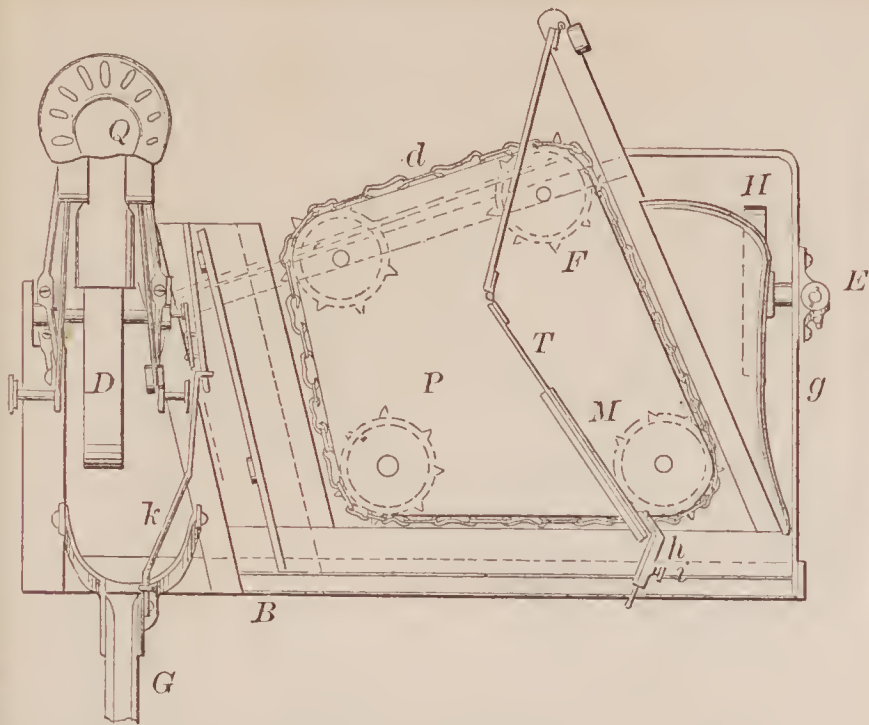


68607—Cotton & Staples—*Corn Dropping Attachment to Hoes.*

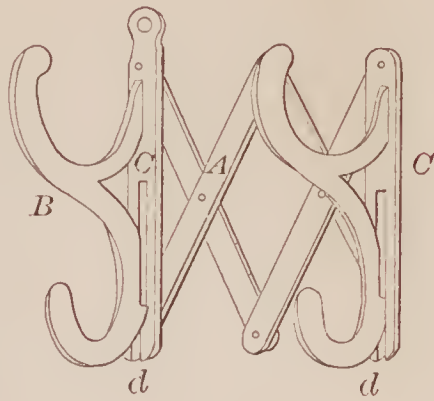


68608—S. B. Cox—*Dinner Pail.*68609—J. M. Crockett—*Cartridge for Ordnance, &c*68610—H. L. Currier—*Land Roller.*68612—R. H. Cutter—*Bed Bottom.*68611—E. B. Cushing—*For Burnishing Edges of Soles of D E Boots and Shoes.*68614—C. H. Eccleston—*Atomizing Tube.*68613—W. Deering—*Cotton and Hay Press.*

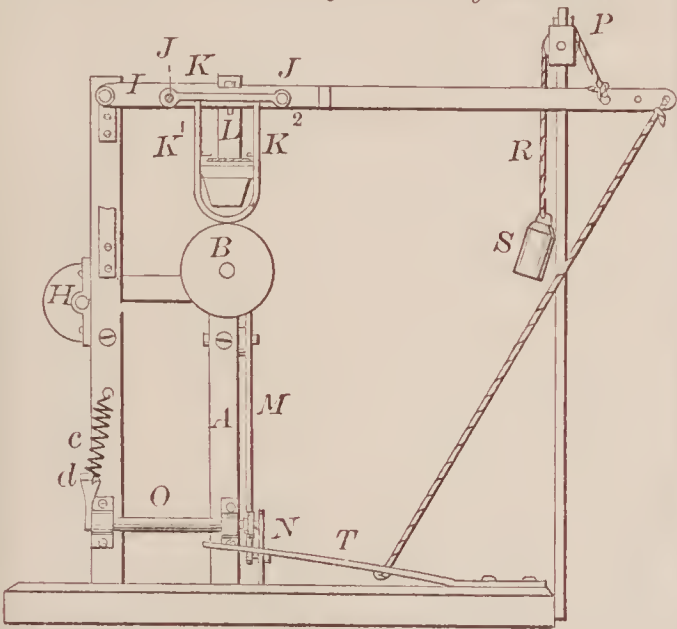
68615—D. L. Emerson—*Harvester.*



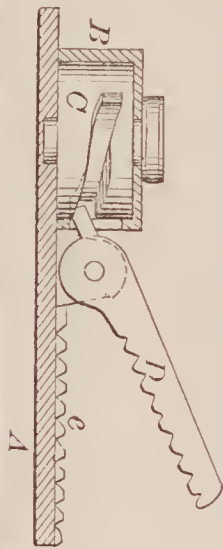
68616—F. M. Everingham—*Clothes and Picture Hanger.*



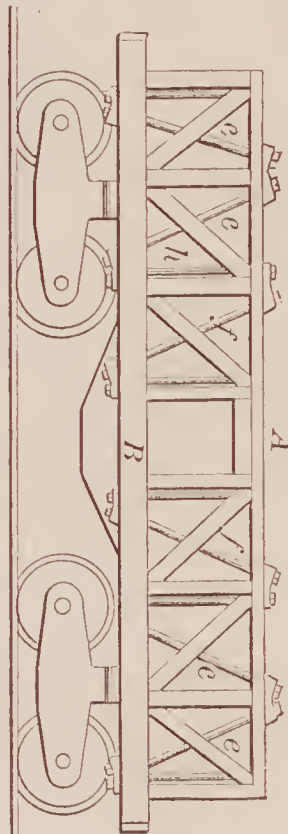
68617—P. J. Flanedy—*Ironing Machine.*



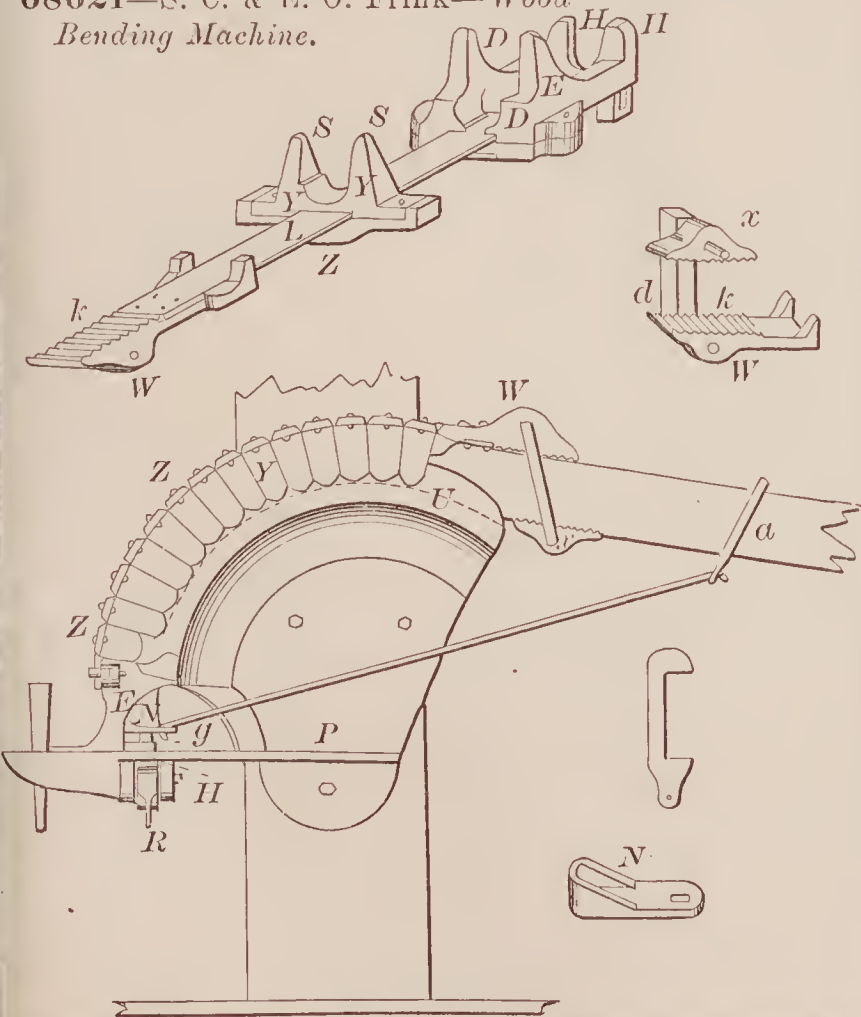
68618—B. S. Fletcher—*Rein Holder.*



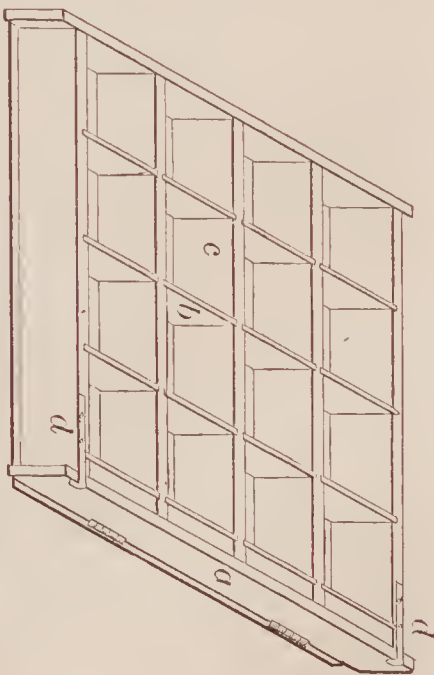
68619—J. Foreman—*Railway Car.*

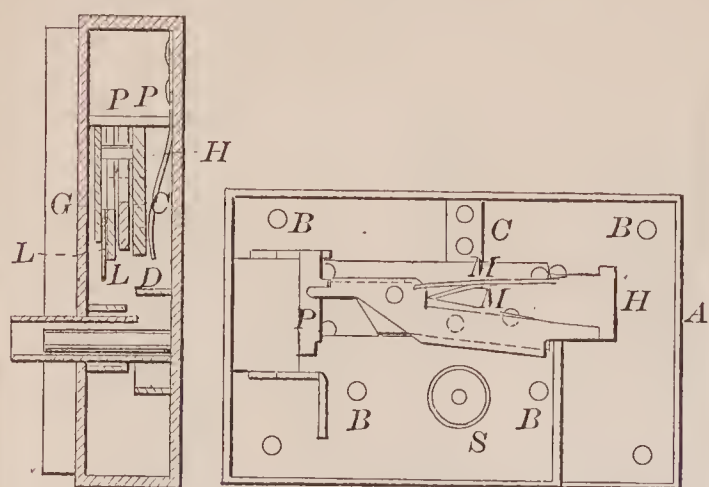
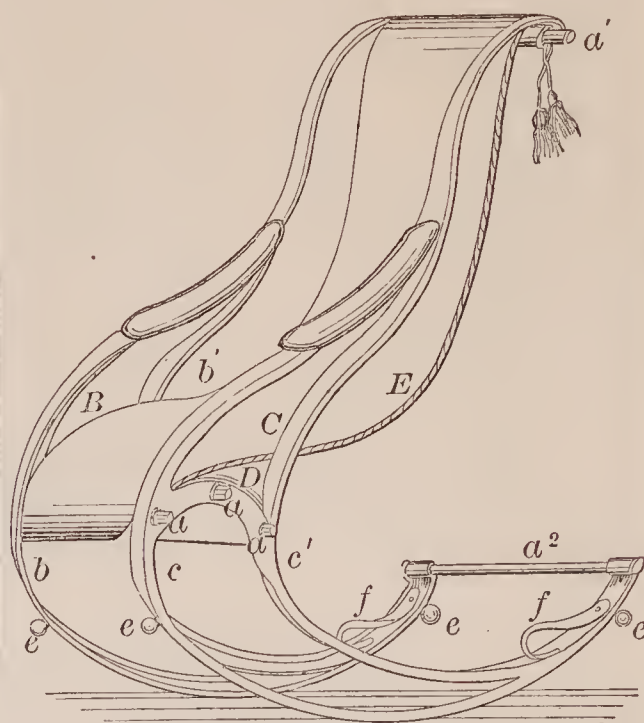
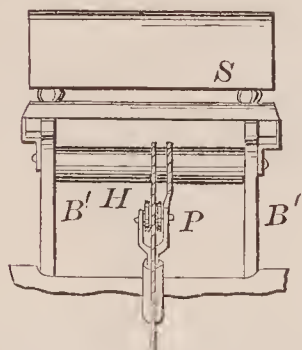
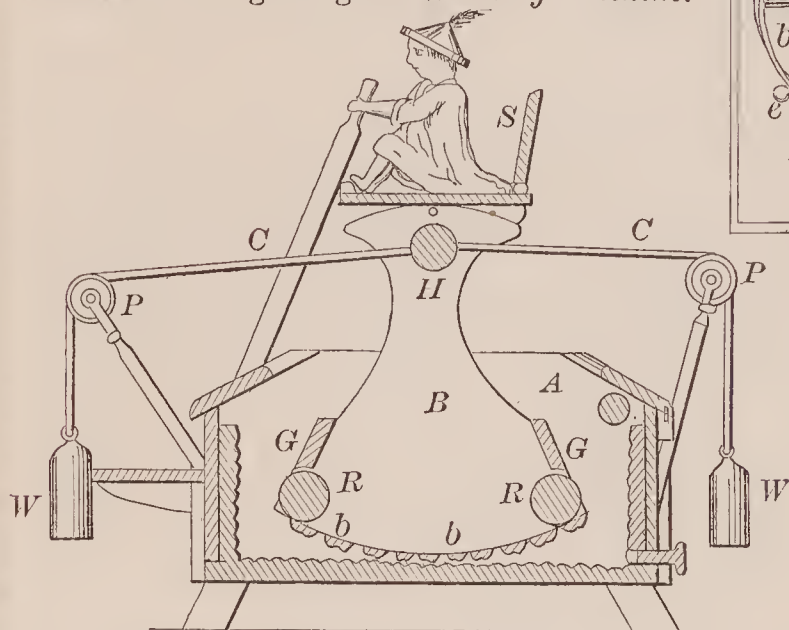
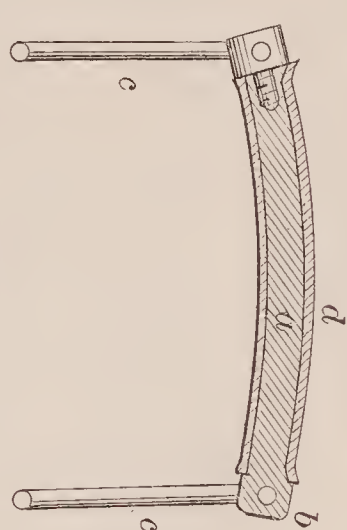
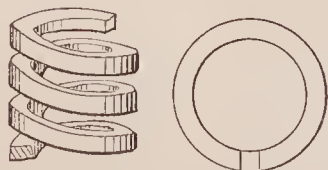
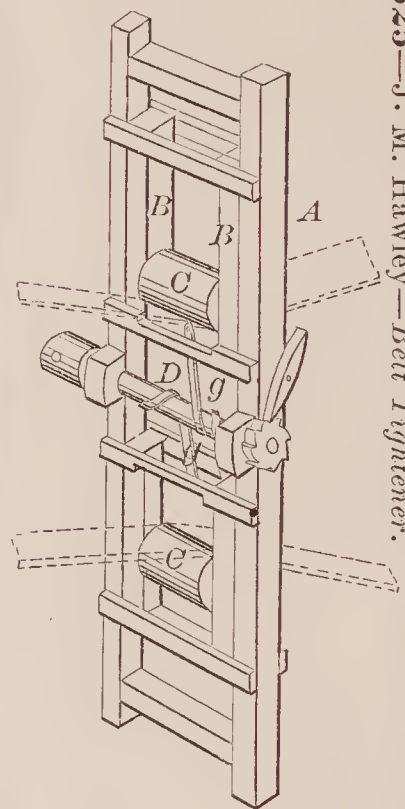
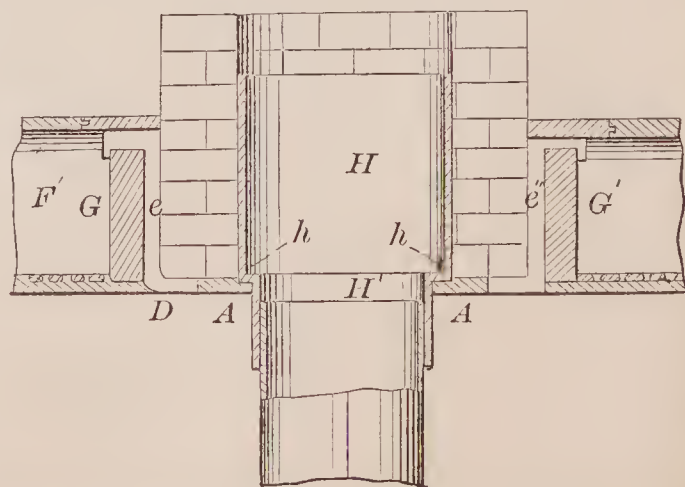
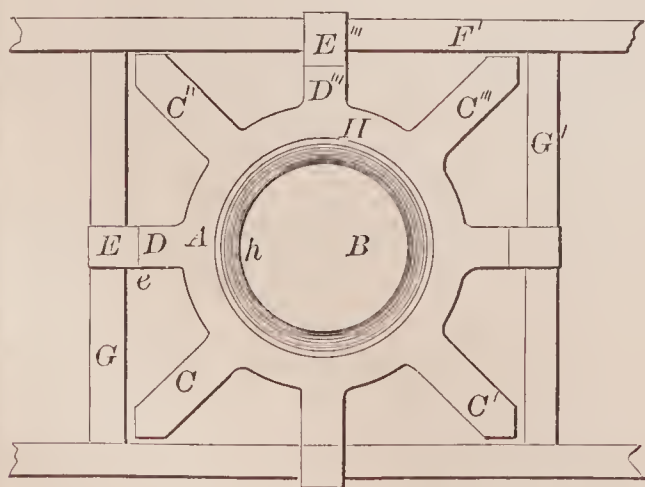


68621—S. C. & E. O. Frink—*Wood Bending Machine.*

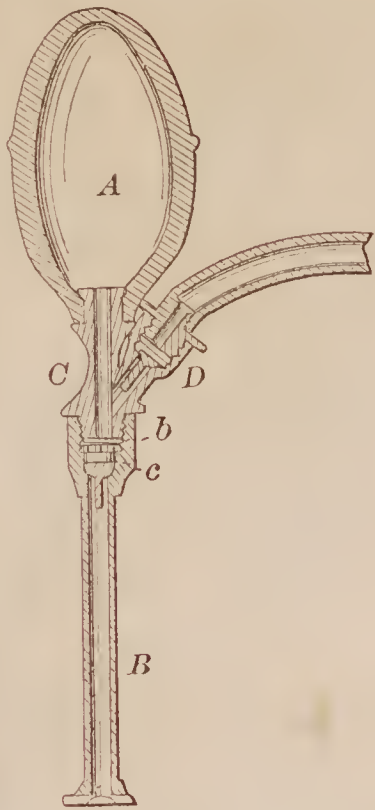


68620—H. C. Freeman—*For Transporting Strawberries.*

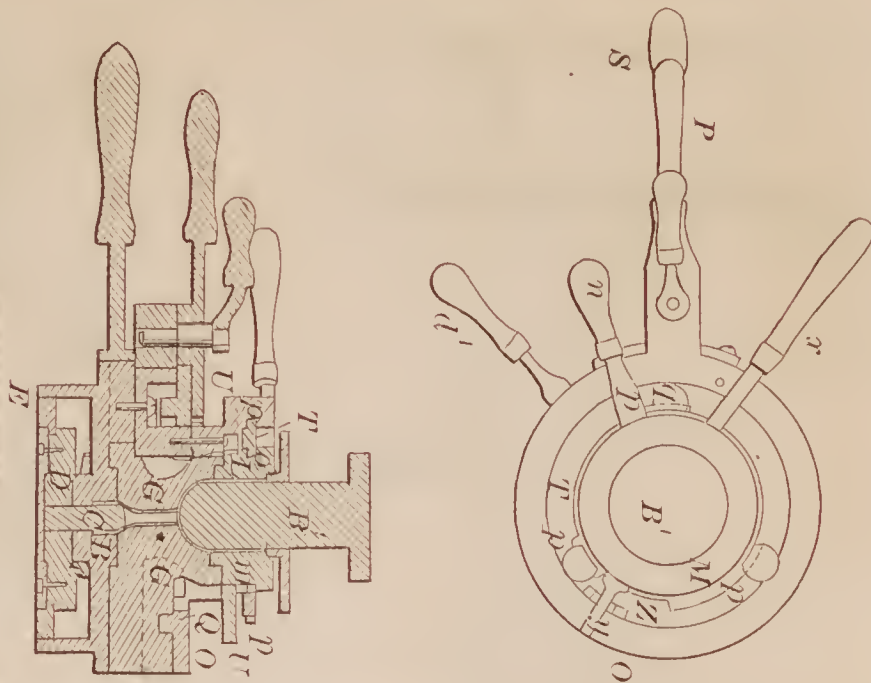


68622—H. R. Gillingham—*Door Lock.*68627—R. Hoffmann—*Rocking Chair.*68626—J. Highbarger—*Washing Machine.*68624—J. Hale—*Washer.*68623—D. Hale—*Driving Bit.*68625—J. M. Hawley—*Belt Tightener.*68628—A. Hutchinson—*Stove Pipe Thimble.*

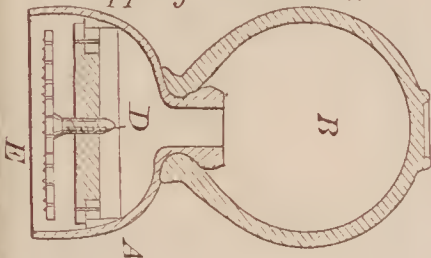
68629—T. Lewis—*Syringe.*



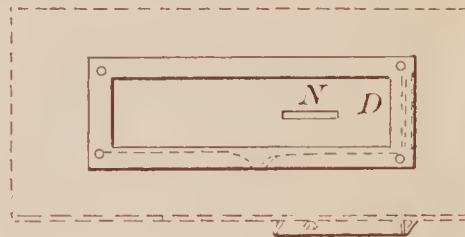
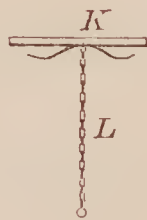
68633—J. Magoun—*Mould for Glasses, &c.*



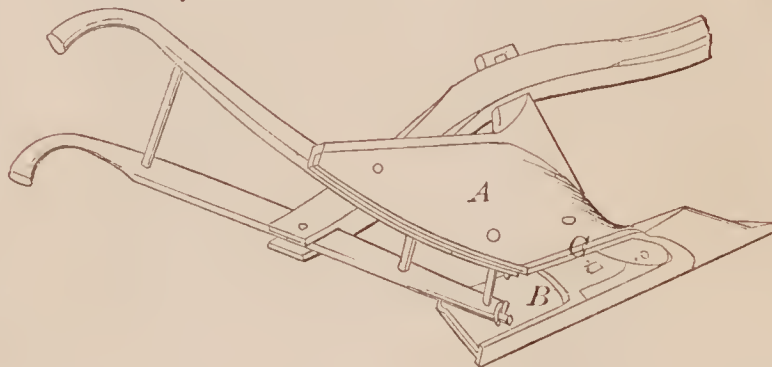
68630—E. J. Leyburn—*Cupping Instrument.*



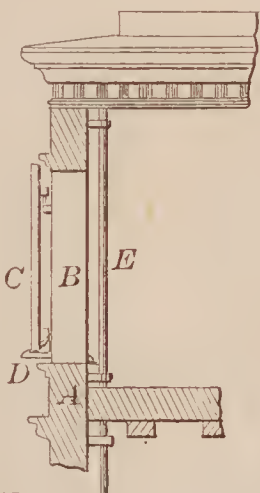
68634—J. M. March—*Baggage Label.*



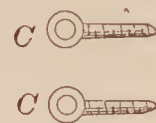
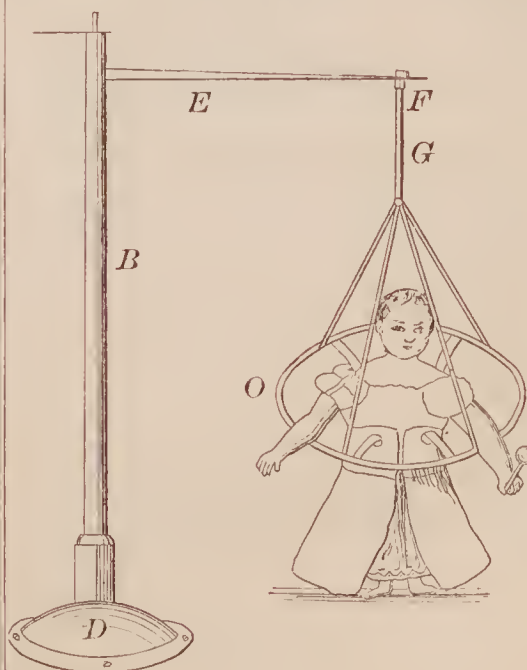
68635—T. March—*Plow.*



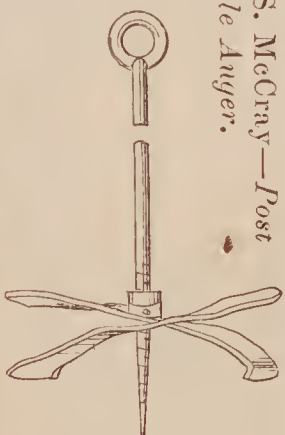
68636—W. C. Marshall—*For Operating Window Shutters.*



68637—A. H. Mason—*Baby Jumper.*

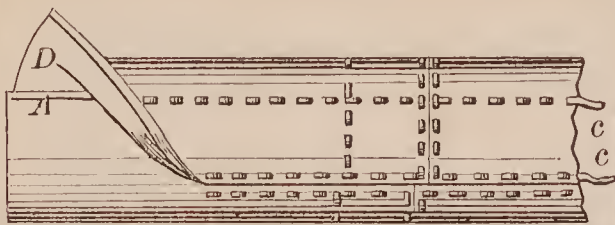
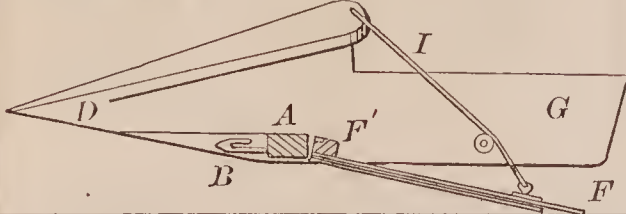
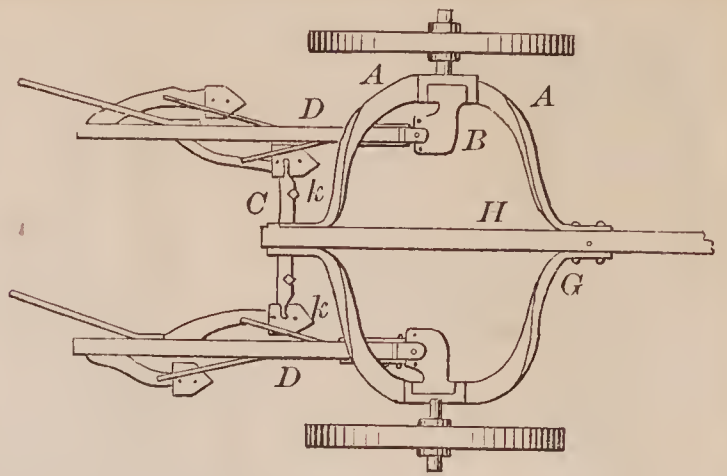
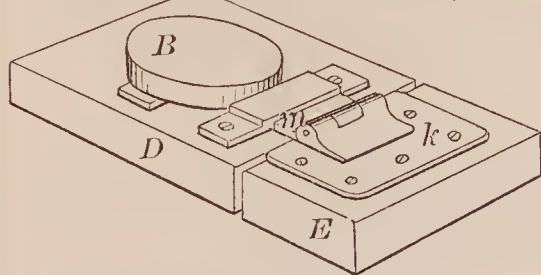
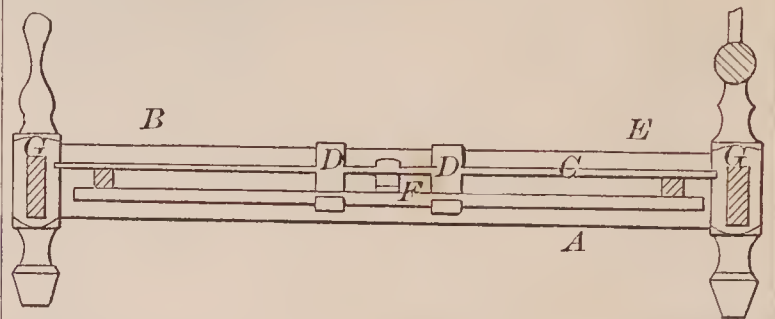
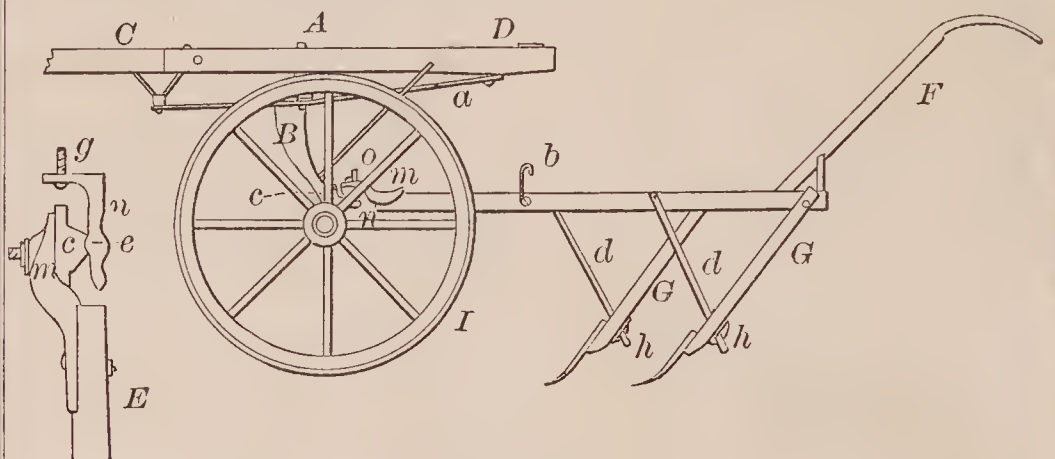
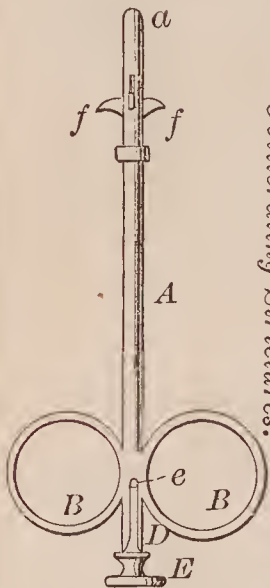
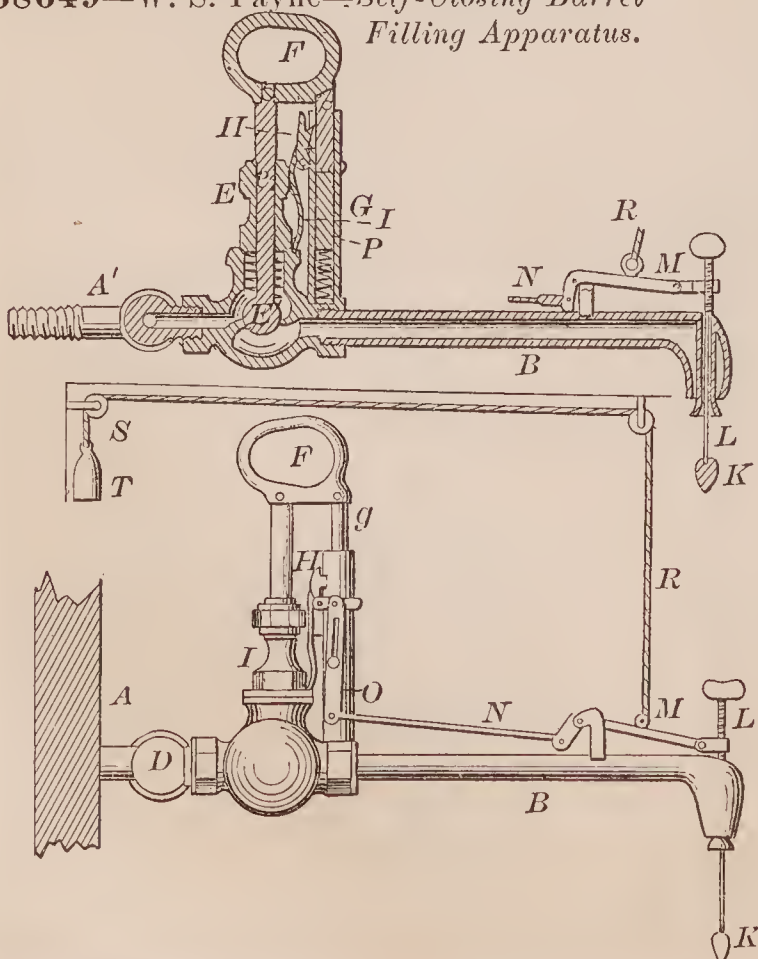
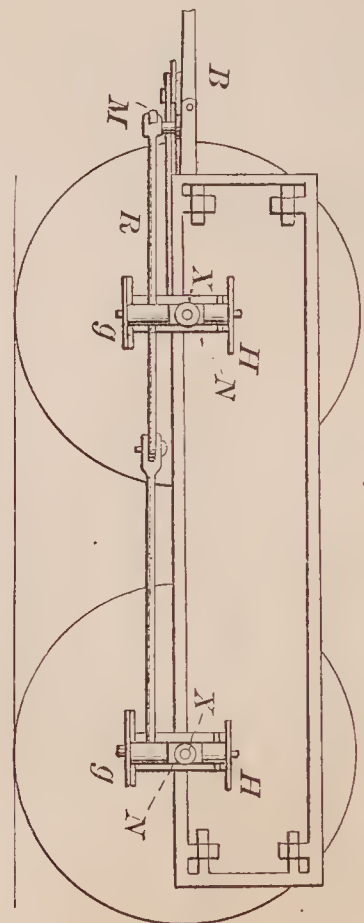


68638—S. McCray—*Post Hole Auger.*

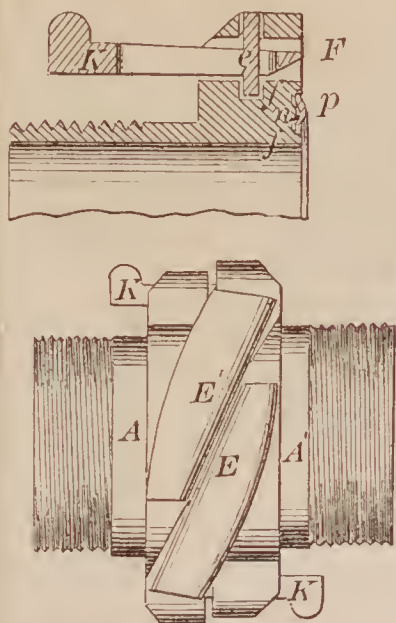


68640—L. Mendel—*Safety Attachment for Watch Chains.*



68641—C. F. W. Meyer—*Leather Hose.*68642—W. K. Miller—*Harvester.*68648—W. H. Parlin—*Corn Cultivator.*68644—J. A. Morrell—*Hinge.*68645—R. B. Nevens—*Bed Bottom.*68643—G. Moore—*Cultivator.*68647—G. N. Palmer—*For Obliering Strictures.*68649—W. S. Payne—*Self-Closing Barrel Filling Apparatus.*68646—B. F. Paine—*Running Gear for Vehicles.*

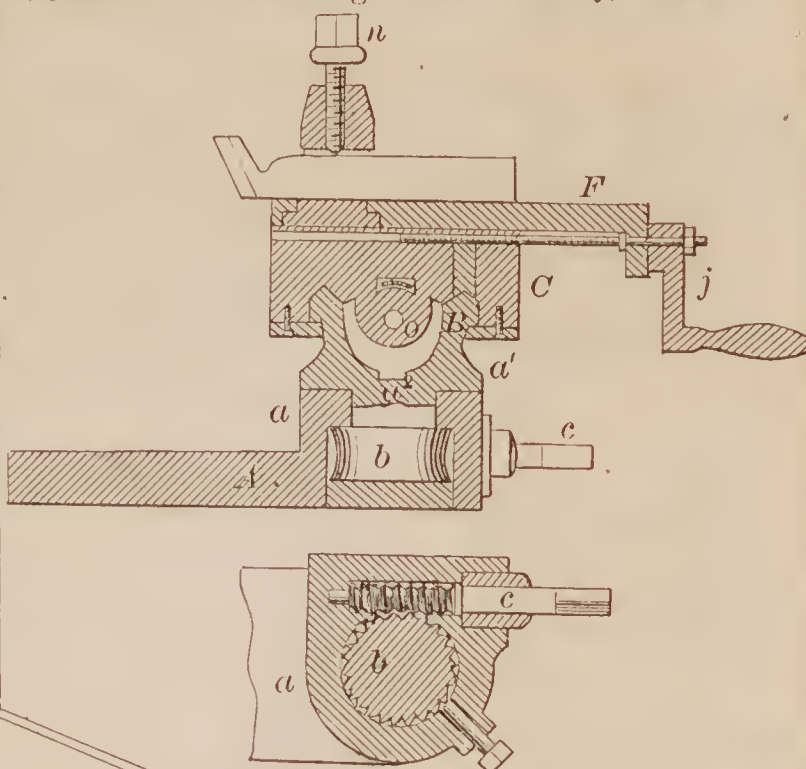
68650—Perkins & Hovey—Hose Coupling.



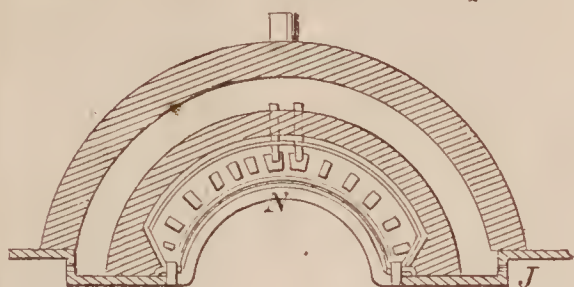
68652—A. J. & A. J. Rice—Boot and Shoe Shank.



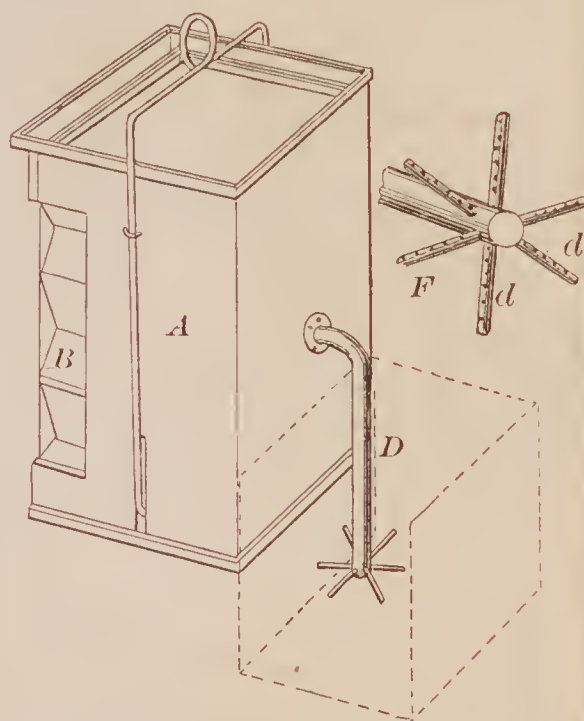
68654—J. G. Rominger—Slide Rest for Lathes.



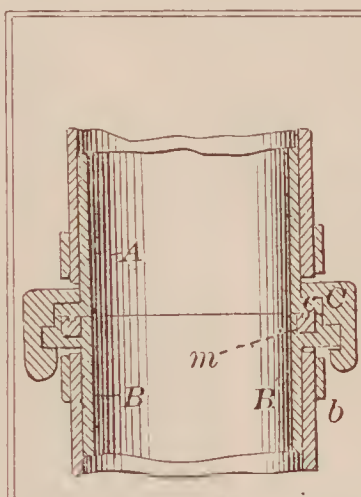
68653—E. Y. Robbins—Fireplace.



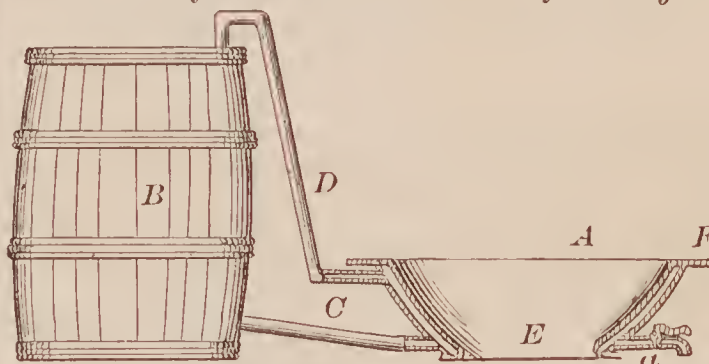
68655—H. D. Rumsey—Churn.



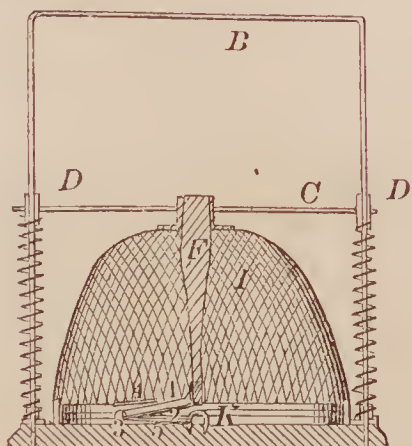
68656—O. Salgee—Hose Coupling.



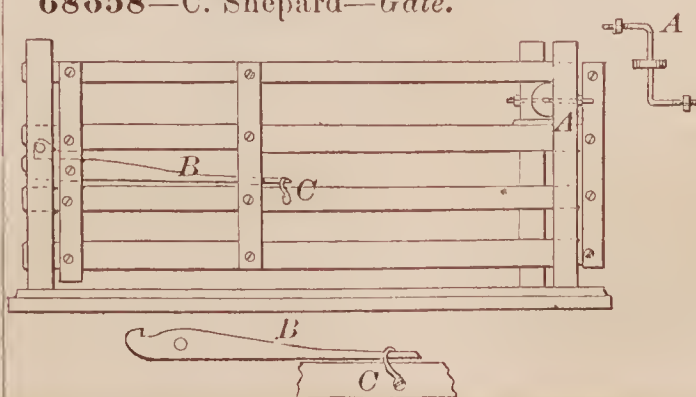
68657—Saylor & Bair—Fire Box for Forges.



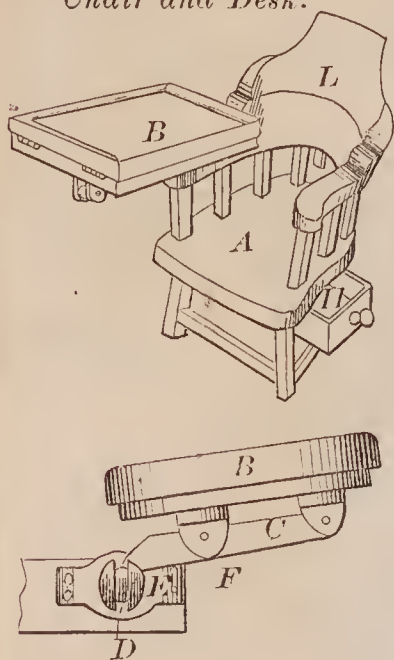
68651—S. S. Rain—Animal Trap.



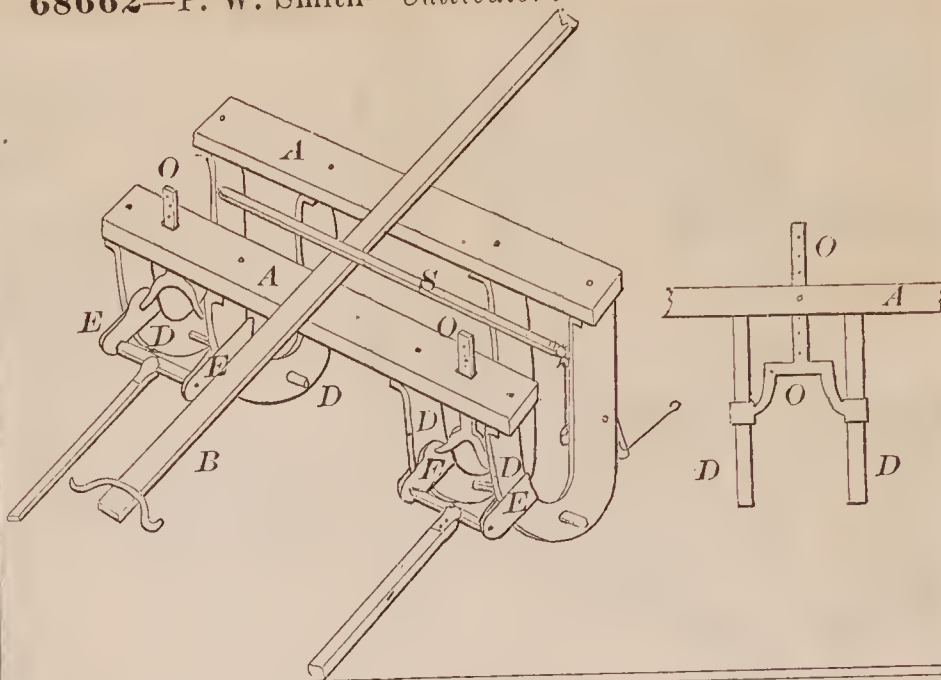
68658—C. Shepard—Gate.



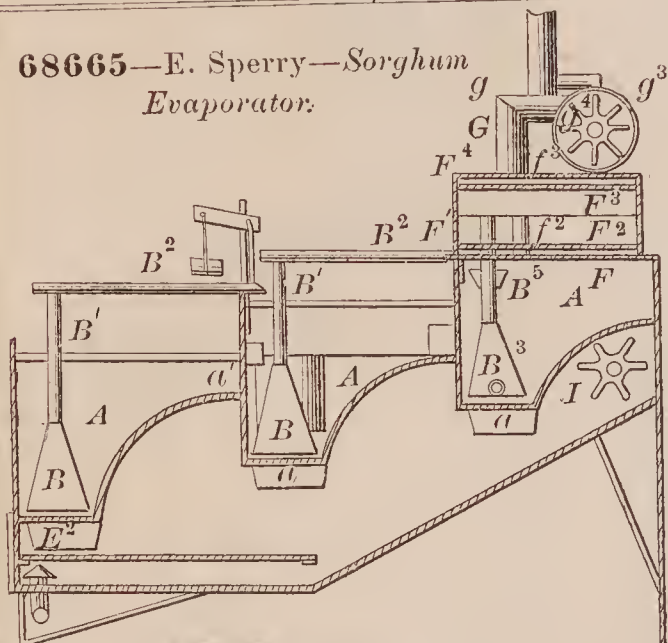
68659—C. B. Sherman—*Chair and Desk.*



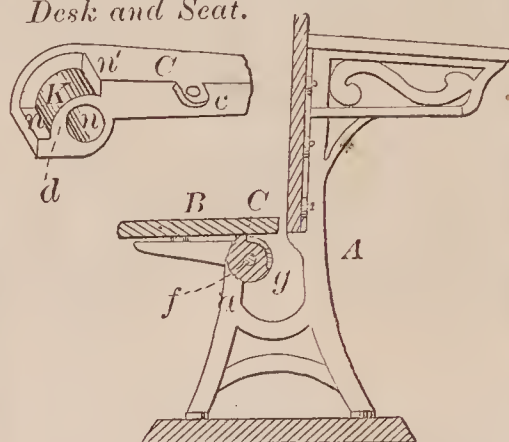
68662—P. W. Smith—*Cultivator.*



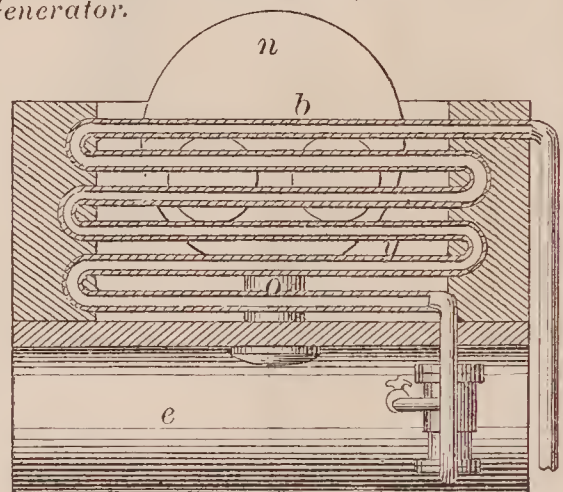
68665—E. Sperry—*Sorghum Evaporator.*



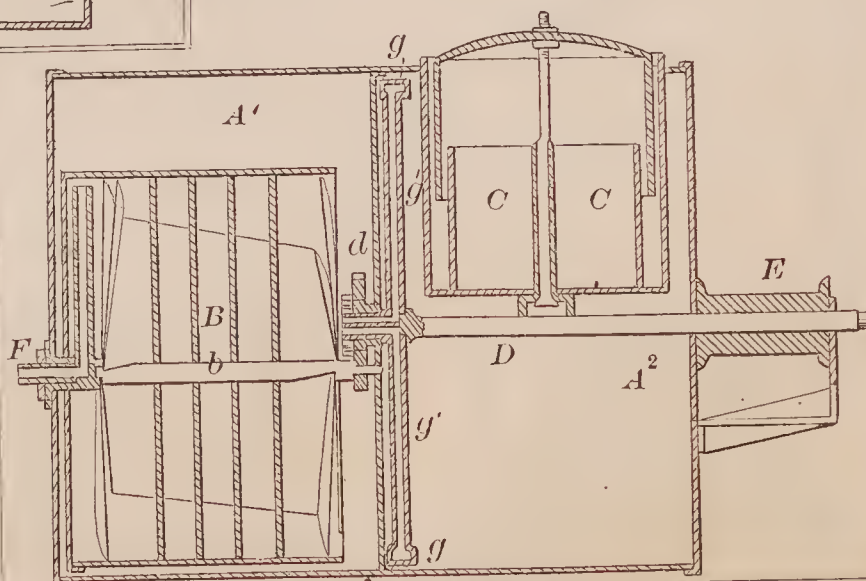
68660—H. M. Sherwood—*School Desk and Seat.*



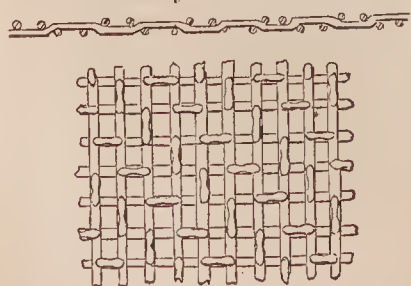
68663—Snowdon & Wilkins—*Steam Generator.*



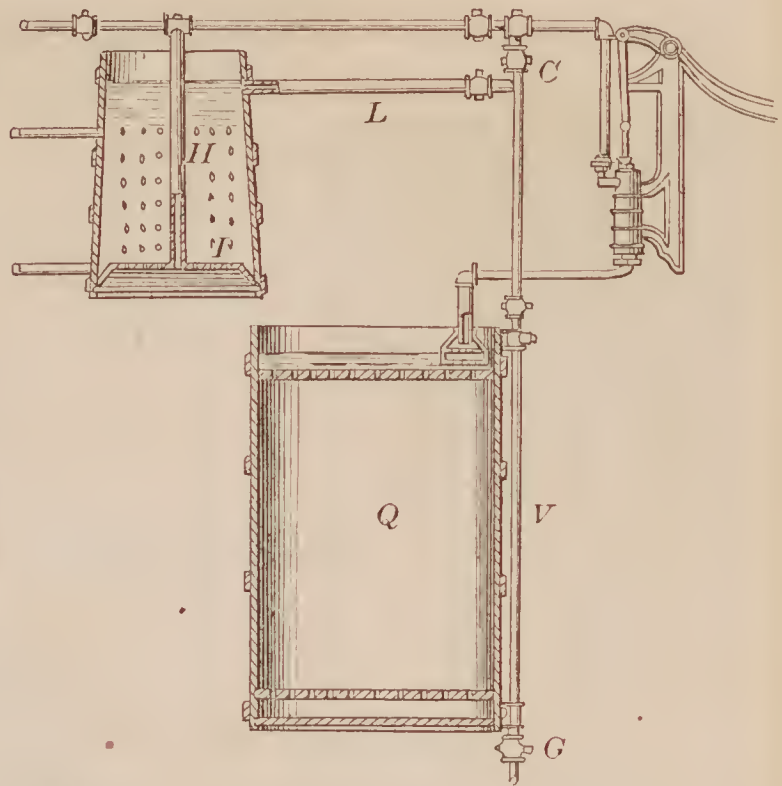
68666—L. Stevens—*For Carburetting Air.*



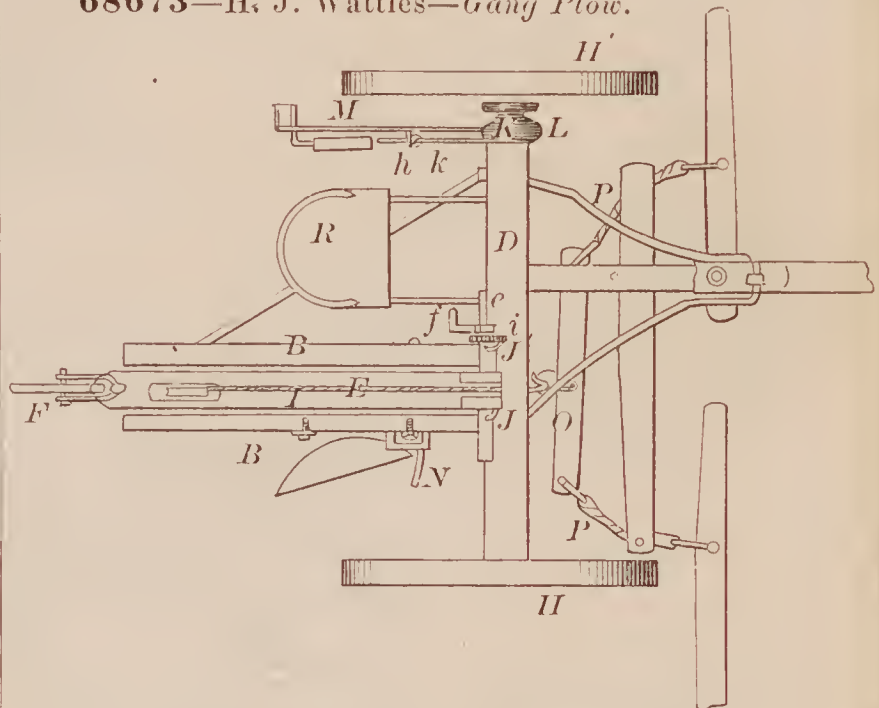
68664—R. Speidel—*For Floors of Malt Kilns.*



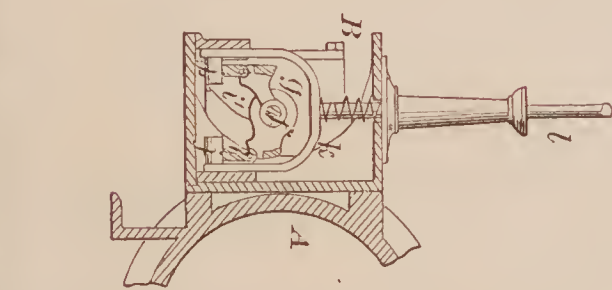
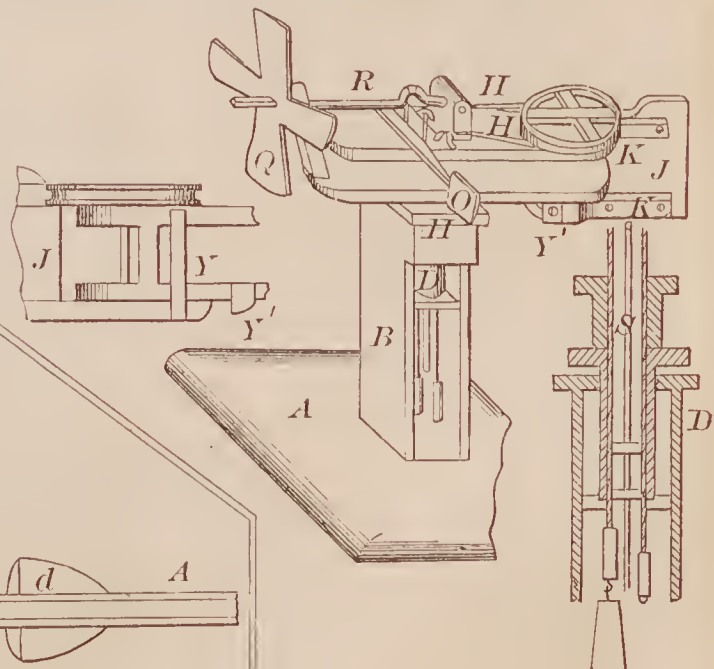
68669—F. Sylvester—*Refining Petroleum.*



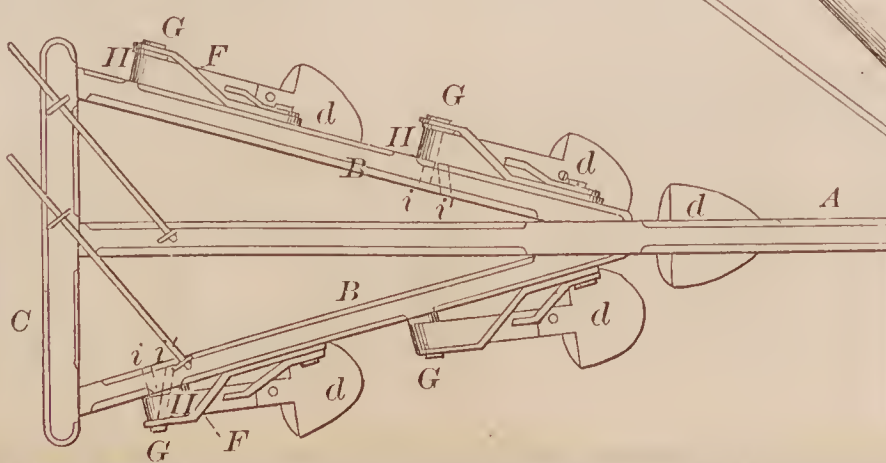
68673—H. J. Wattles—*Gang Plow.*



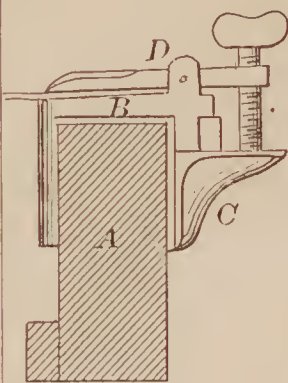
68674—L. H. Wheeler—*Wind Wheel.*



68670—J. R. Thomas—*Corn Plow.*



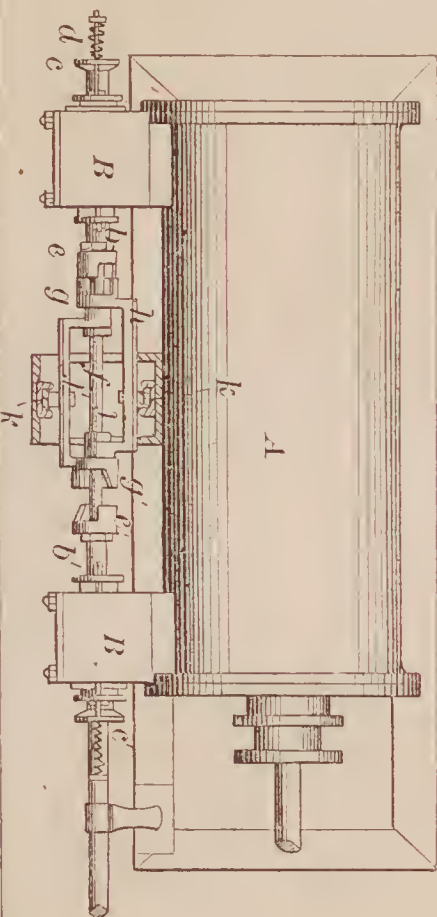
68668—A. Storm—*Bed Clothes Clamp.*

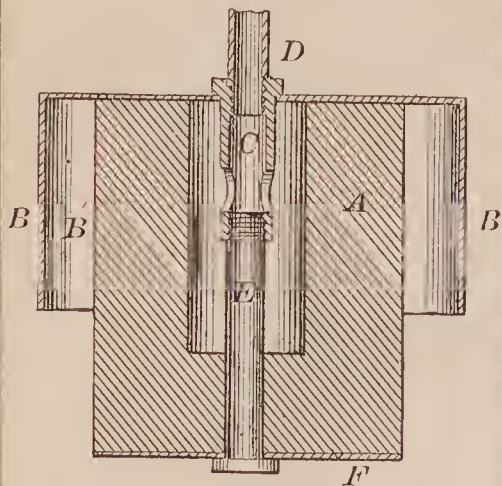
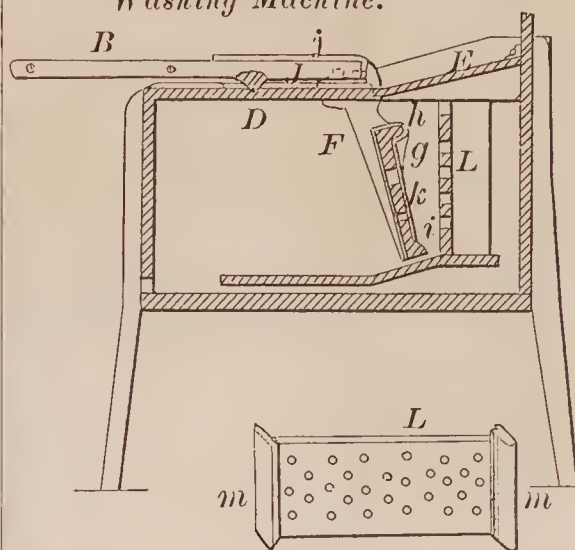
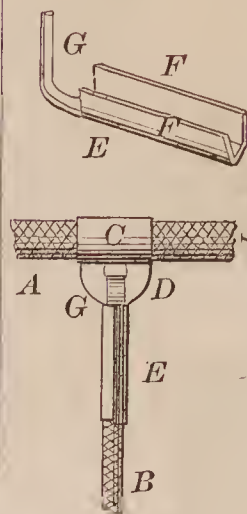
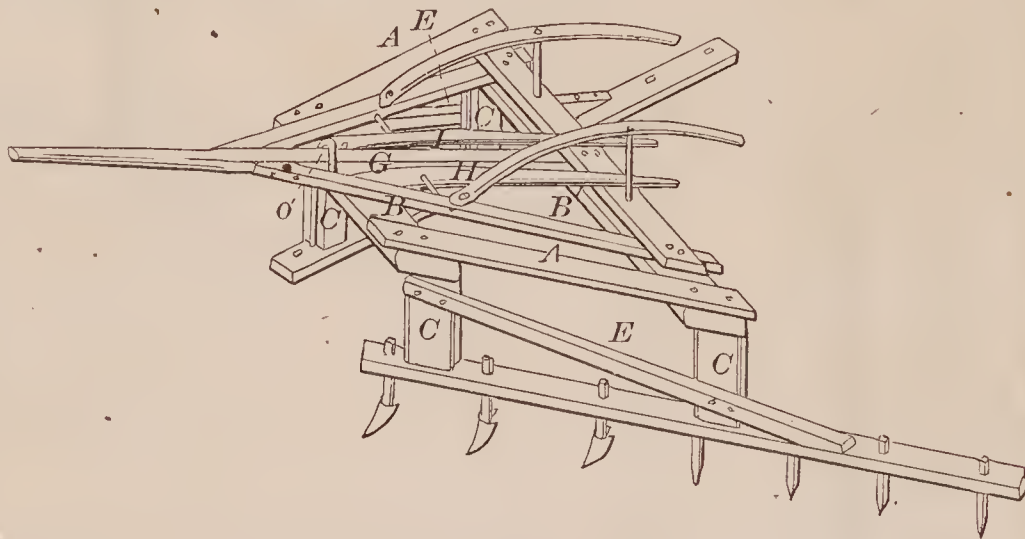
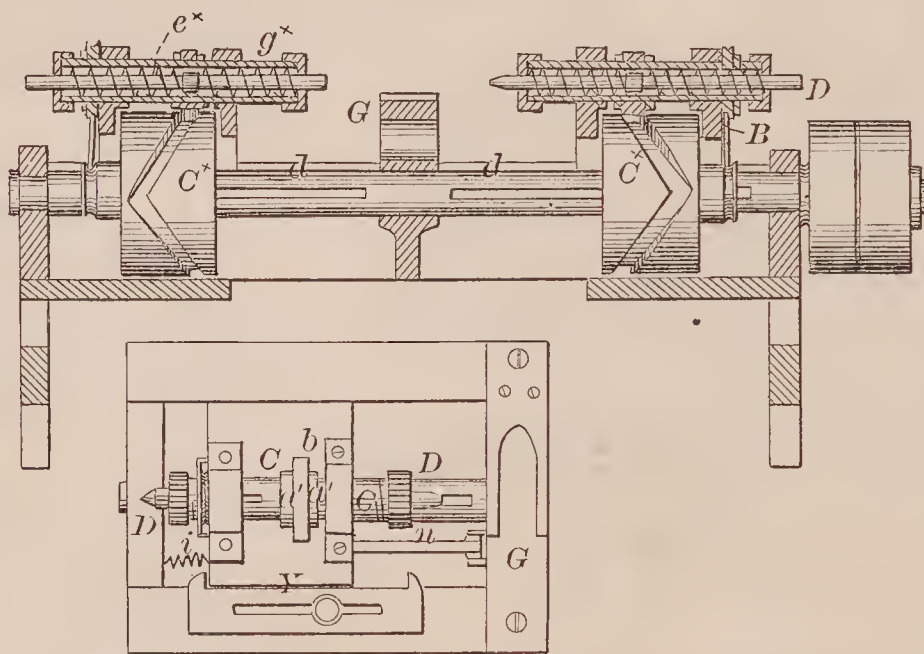
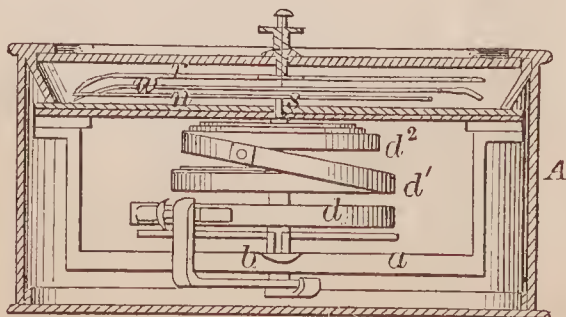
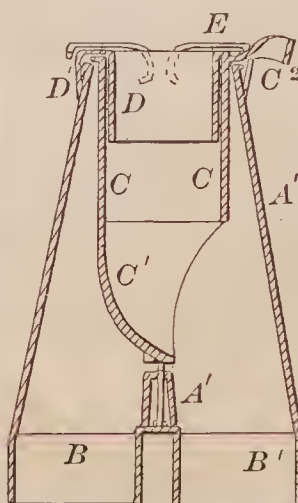
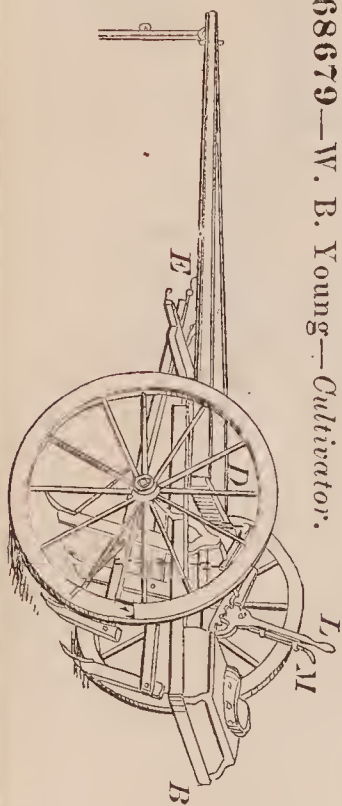
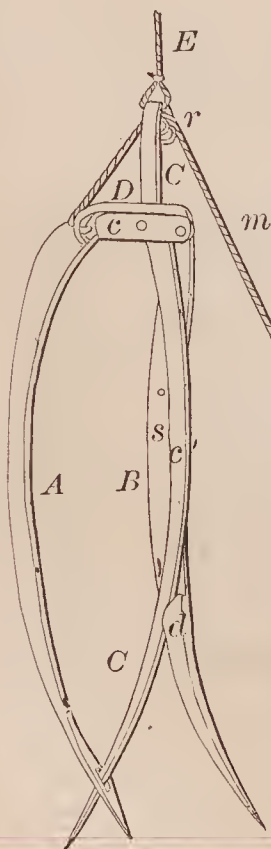


68667—H. T. Sith—*Journal Box.*

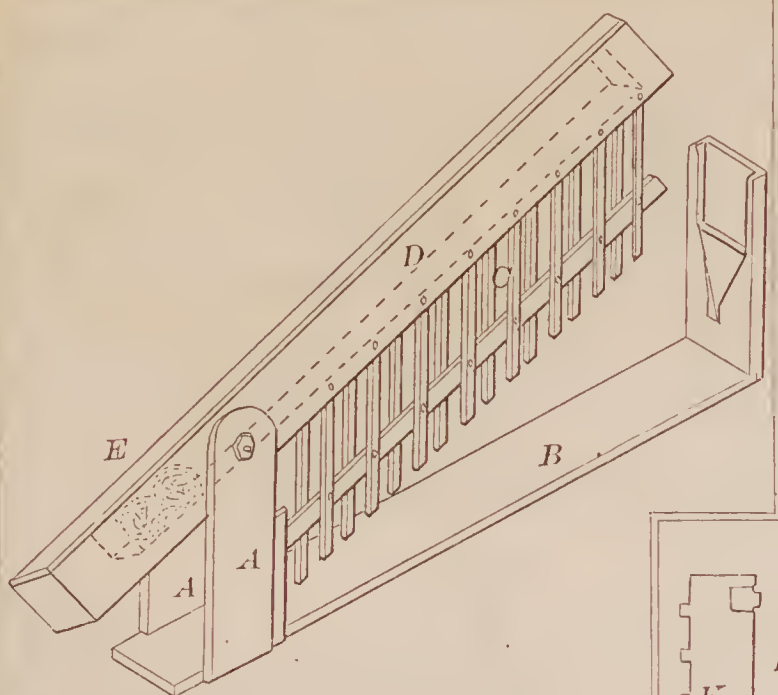


68672—H. Urry—*Valve Gear for Steam Engines.*

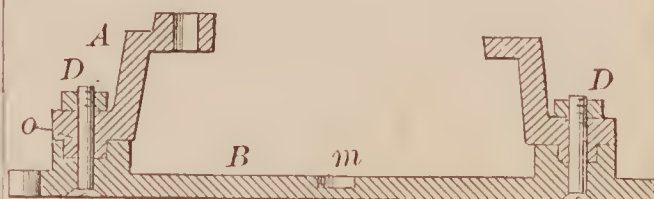


68675—W. H. Wiley—*Filter.*68676—A. T. Williamson—*Washing Machine.*68677—S. R. Wilmot—*Hoop Skirt Clasp.*68678—M. Wilson—*Corn Cultivator.*68680—J. Adt—*Riveting Machine.*68681—M. Ames—*Self-Registering Thermometer.*68682—E. B. Armstrong—*Cut-off for Water Conductors.*68679—W. B. Young—*Cultivator.*68683—T. H. Arnold—*Horse Hay Fork.*

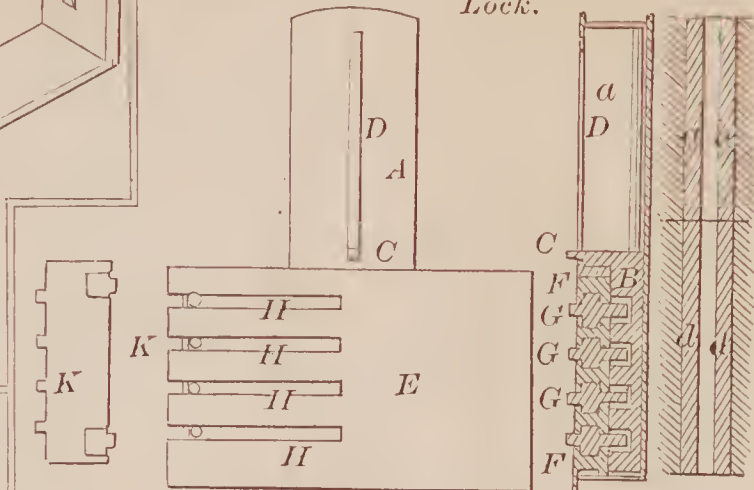
68684—H. Balschmiter—Gate.



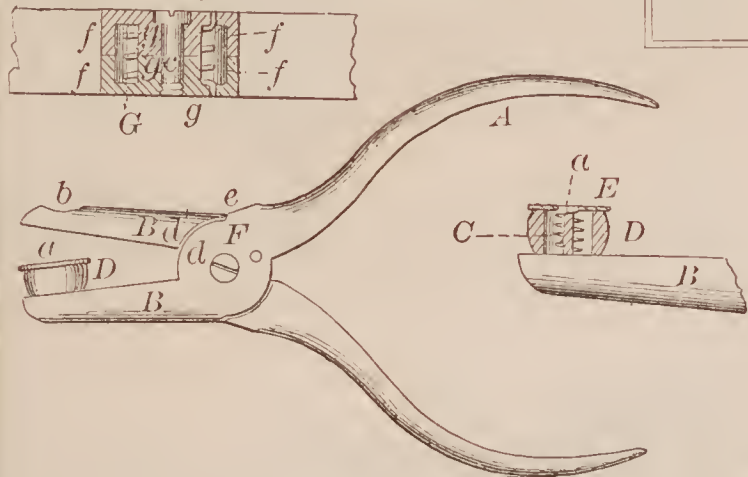
68691—J. Bish—Horse Power.



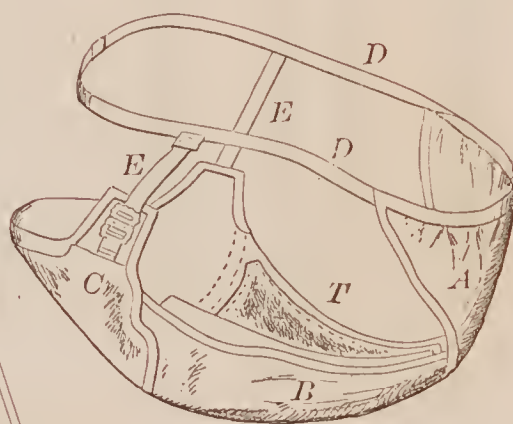
68685—H. Basch—Permutation Trunk Lock.



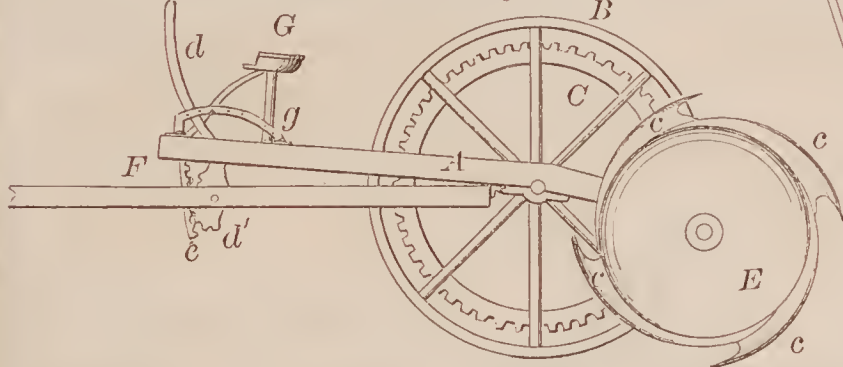
68687—J. Beck—Ticket Punch



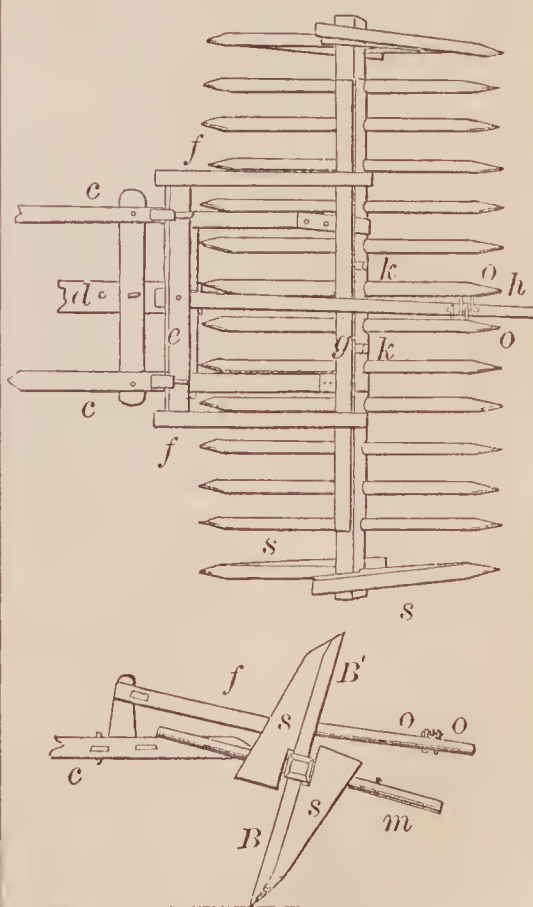
68688—J. A. Belvin, Jr.—Catamenial Guard and Supporter.



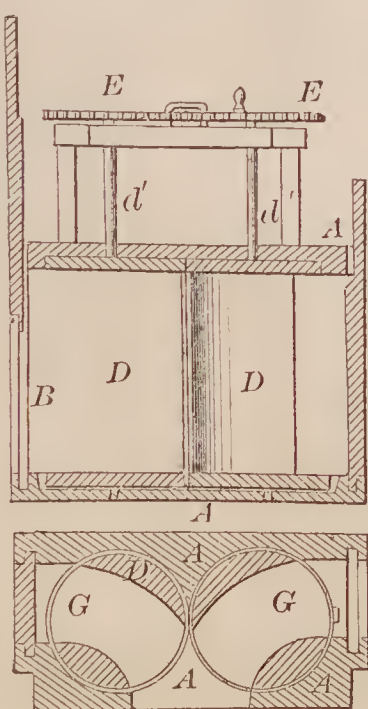
68689—H. Berkstresser—Rotary Plow.



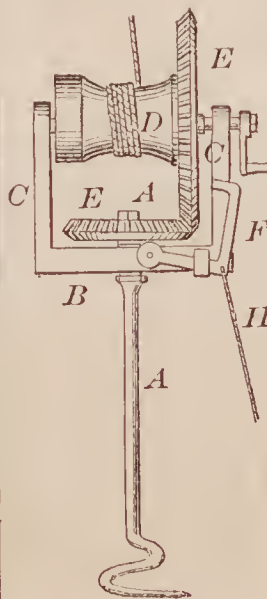
68693—I. W. Boatman—Horse Rake.



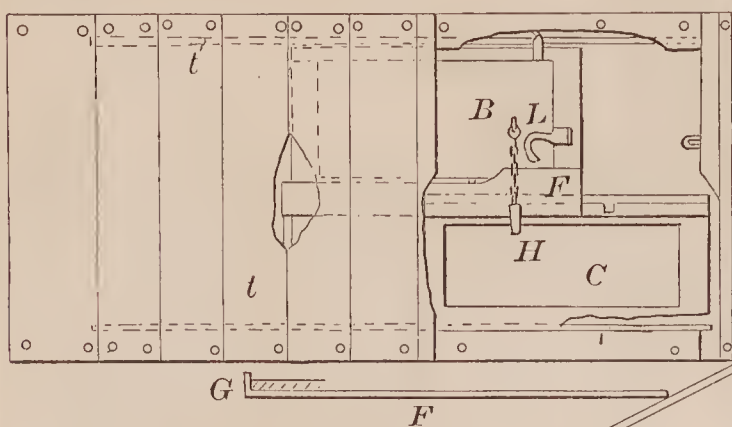
68692—C. D. Blakeslee—Gate for Water Wheels.



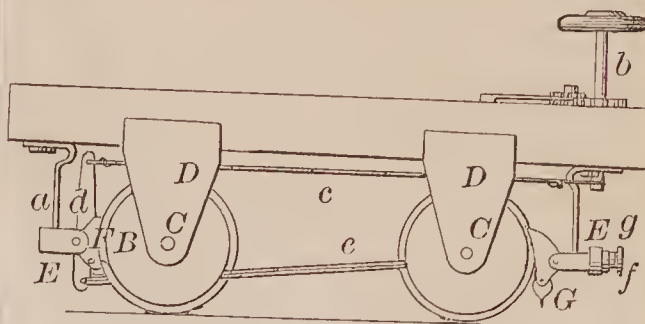
68690—M. D. Birge—Horse Hay Fork.



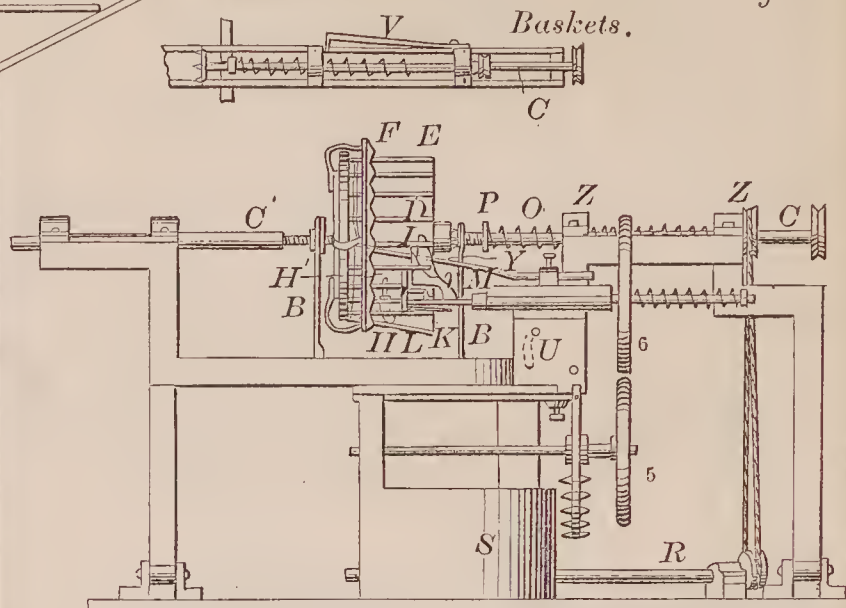
68694—S. E. Bright—Door for Grain Cars.



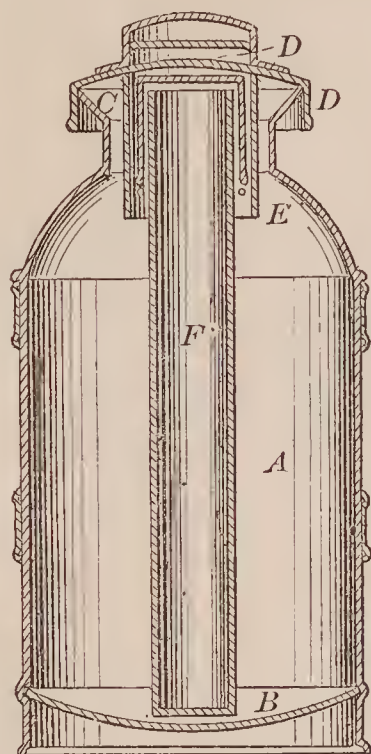
68701—T. B. Comins, Jr.—Car Brake.



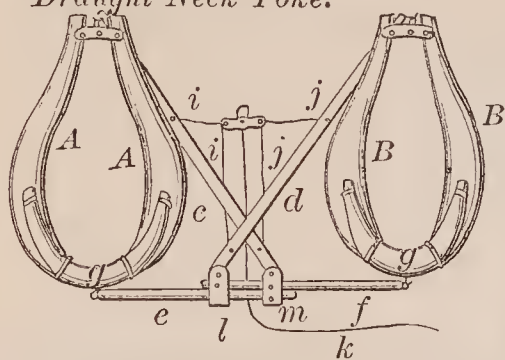
68695—F. H. Brown—For Weaving Baskets.



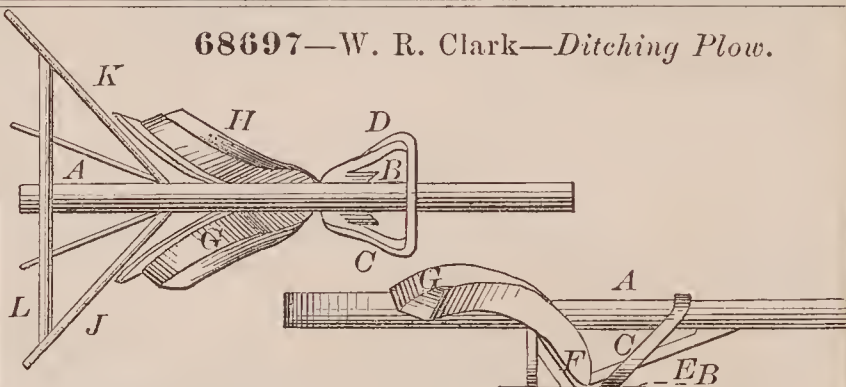
68696—J. Buckley—Milk and Oyster Can.



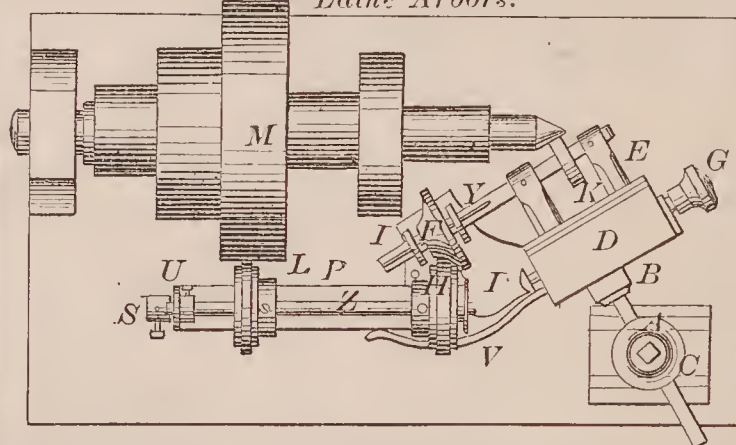
68699—A. B. Coleman—Draught Neck Yoke.



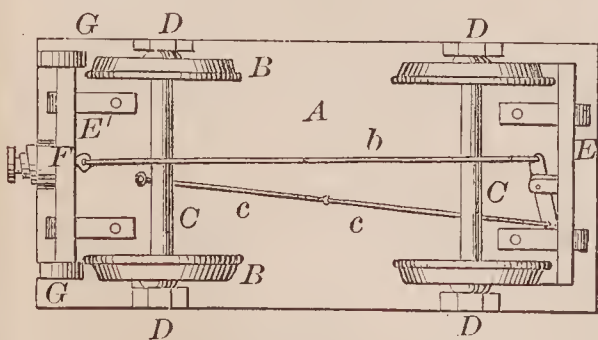
68697—W. R. Clark—Ditching Plow.



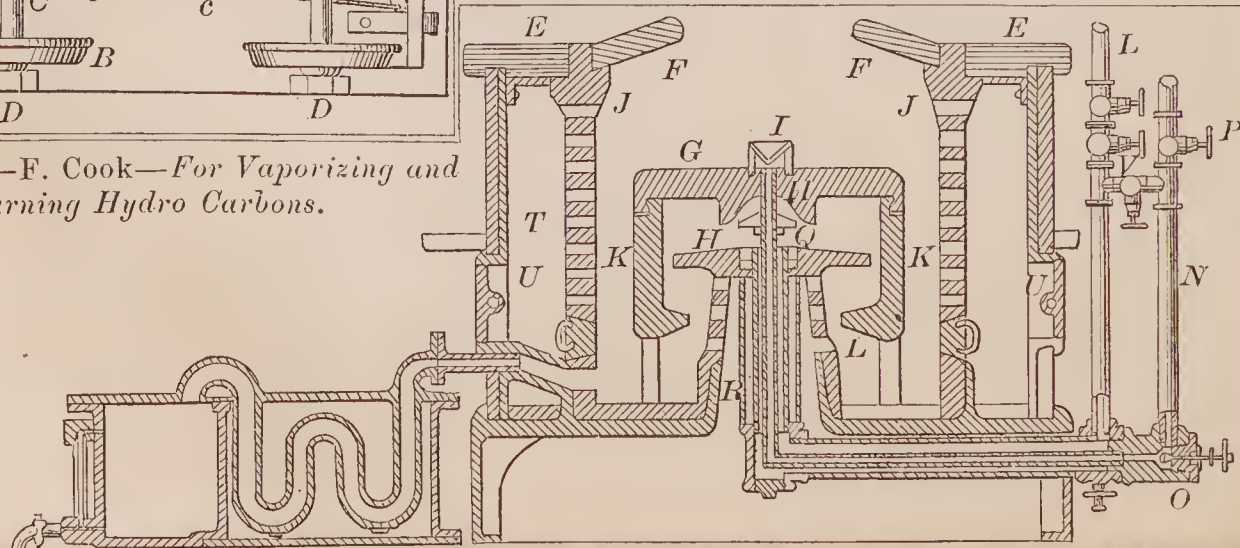
68698—Coester & Lawther—For Grinding Lathe Arbors.



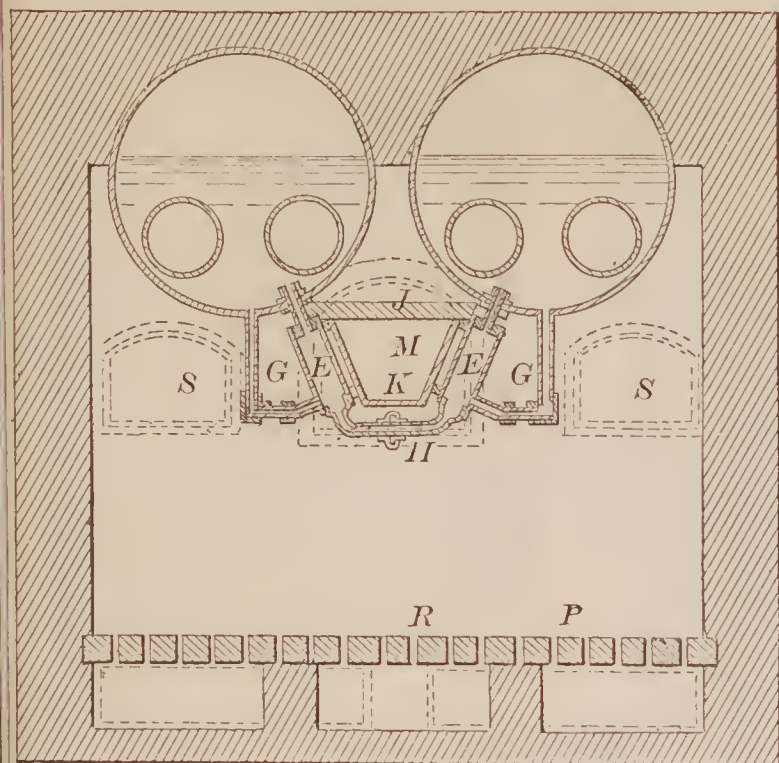
68700—T. B. Comins, Jr.—Car Brake.



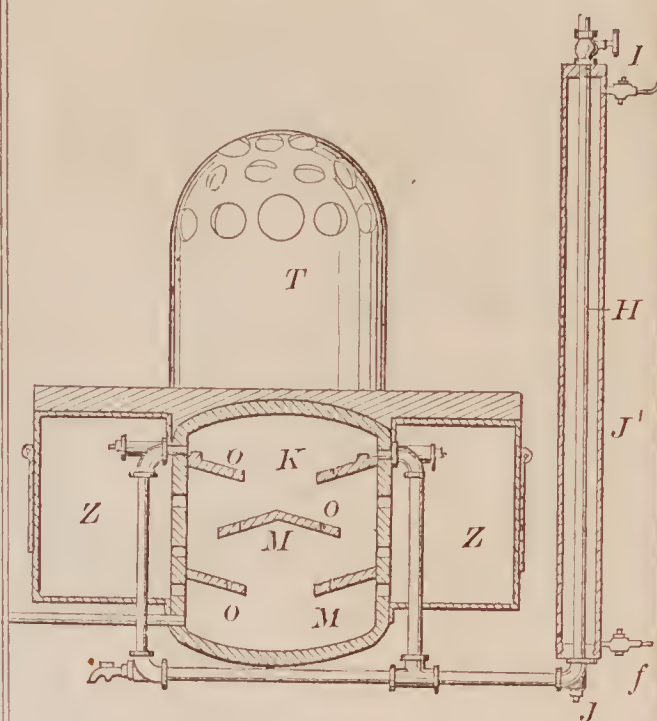
68702—F. Cook—For Vaporizing and Burning Hydro Carbons.



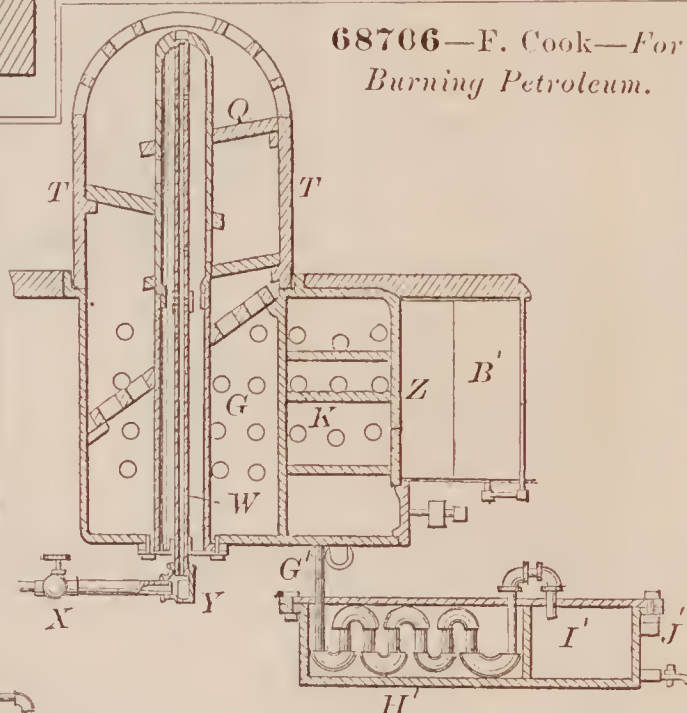
68703—F. Cook—Vaporizing and Burning Hydro Carbons.



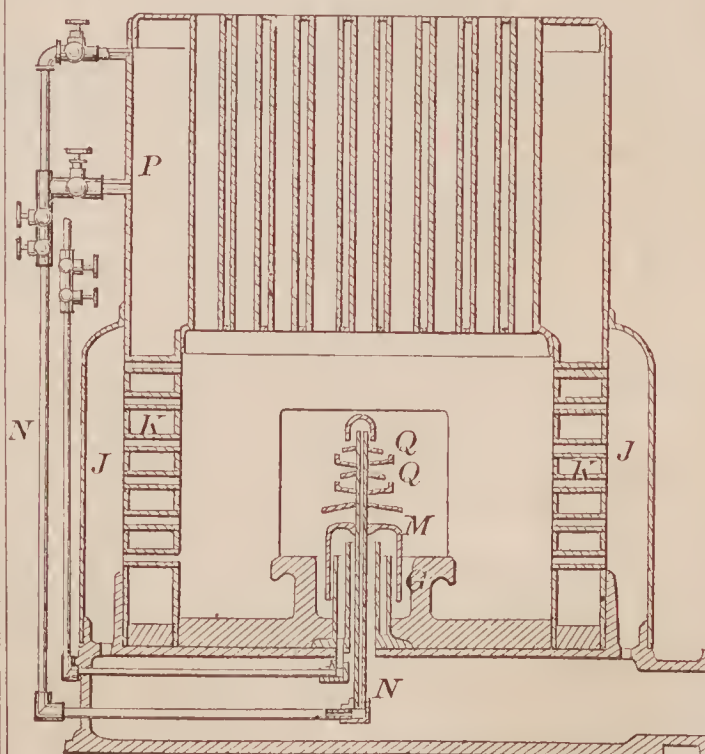
68704—F. Cook—For Burning Petroleum.



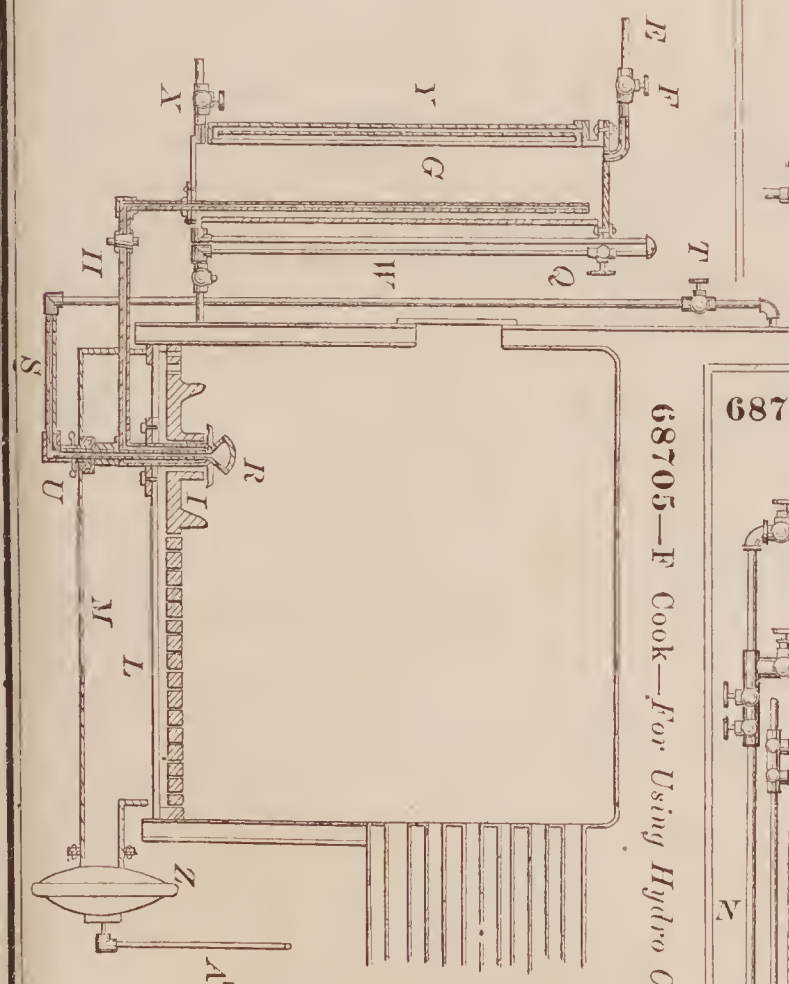
68706—F. Cook—For Burning Petroleum.



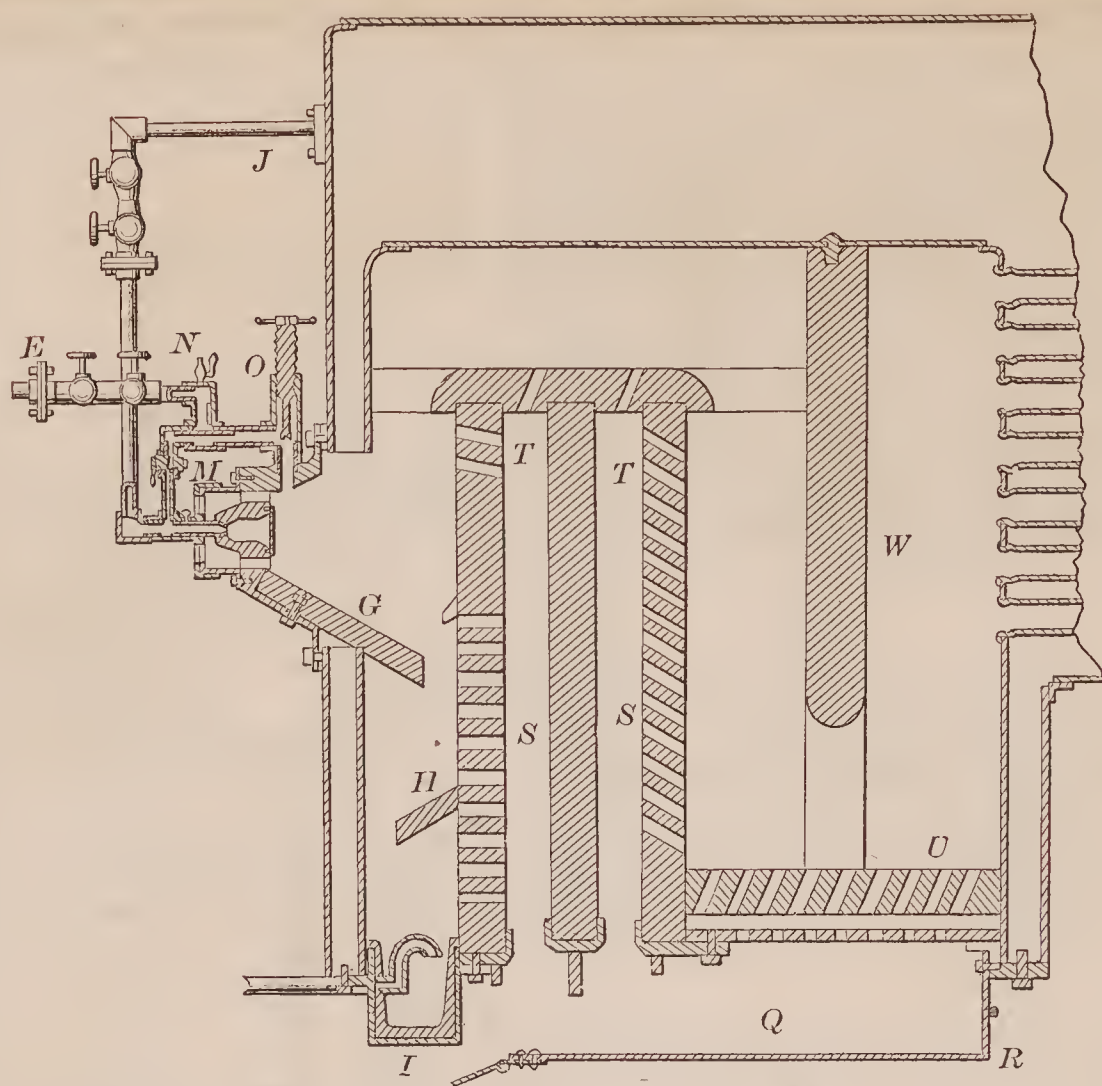
68707—F. Cook—Burning Hydro-Carbon Oil.



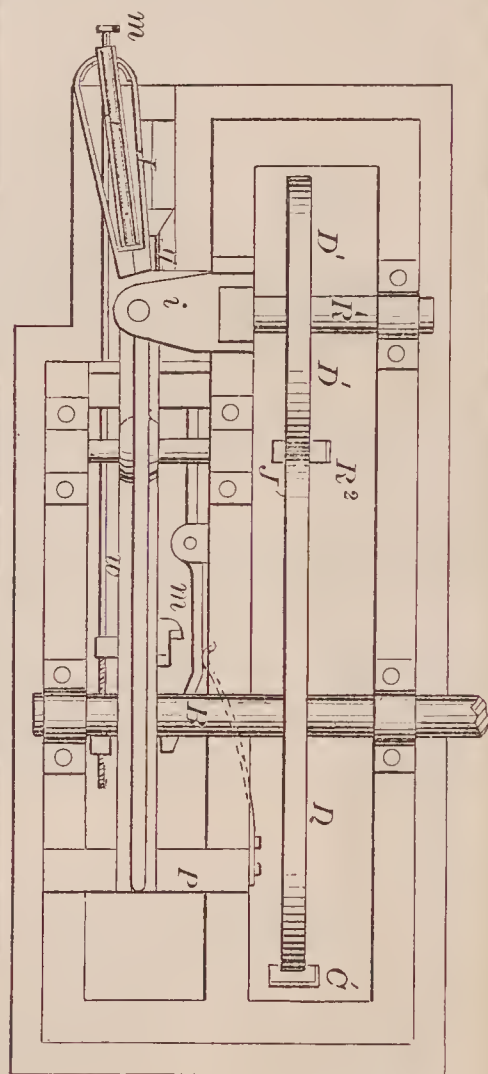
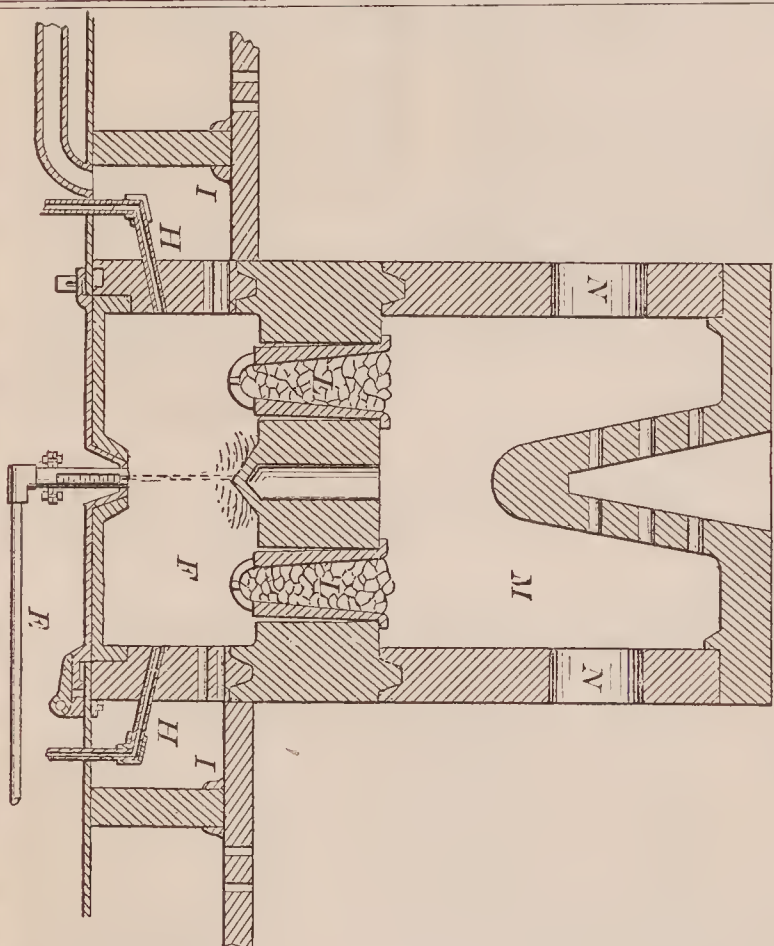
68705—F. Cook—For Using Hydro Carbons as Fuel.



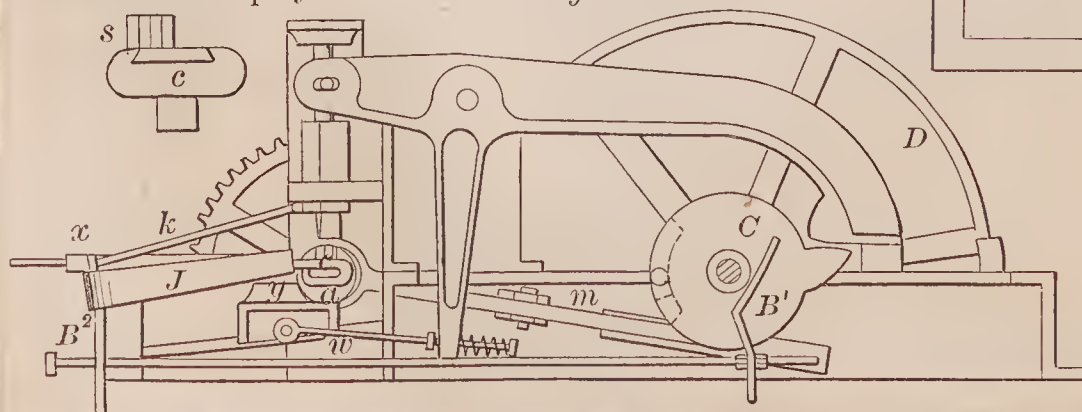
68707—F. Cook—Burning Hydro-Carbon Oil.



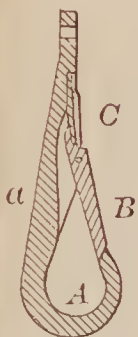
68708—Cook & Bassett—For Vaporizing and Decomposing Hydro-Carbon Liquids.



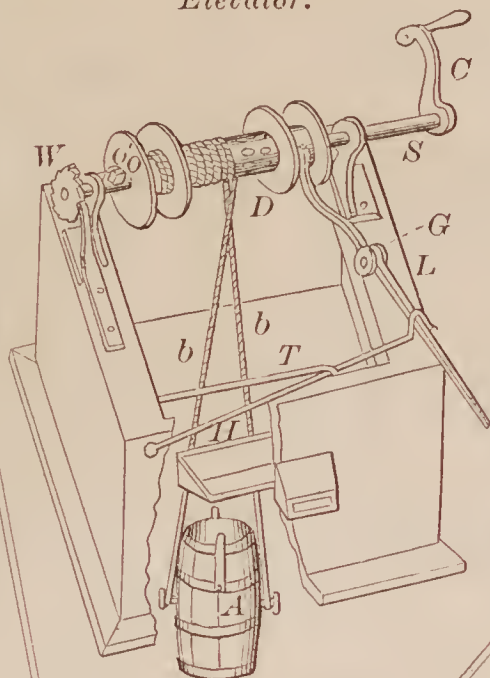
68709—J. Copley, Jr.—For Making Chairs.



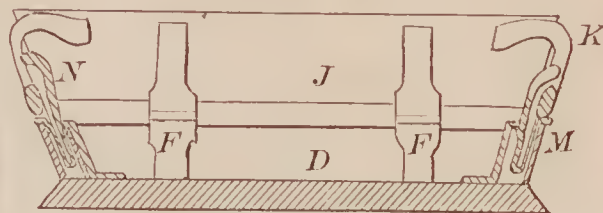
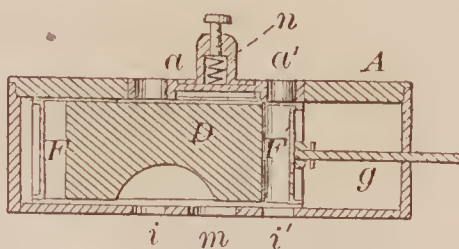
68710—E. Covert—Snag Hook.



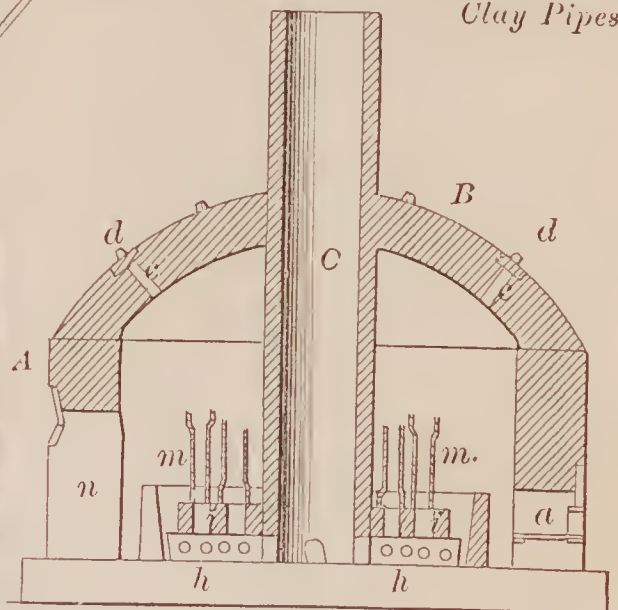
68711—J. W. Crannell—Water Elevator.



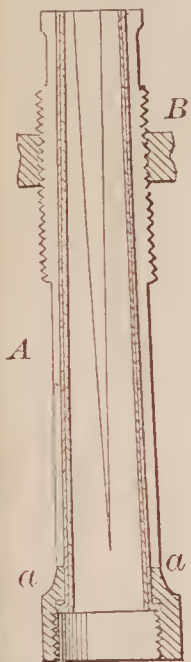
68713—W. Curry—Slide Valve.



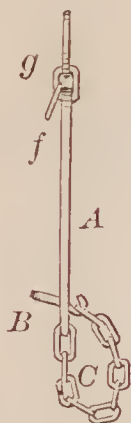
68716—J. Dimelow—Kiln for Burning Clay Pipes.



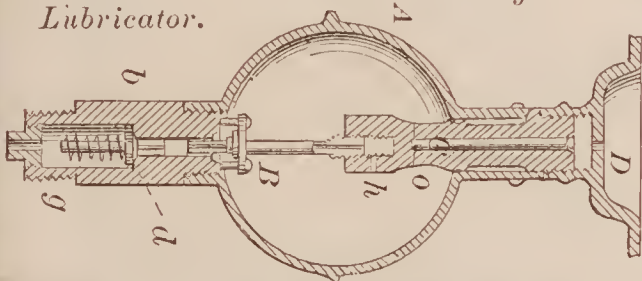
68712—C. Crook—Expansible Hose Nozzle.



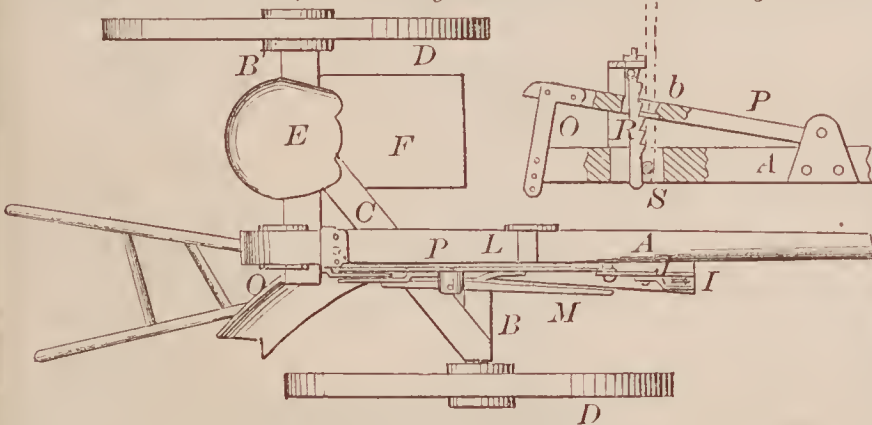
68714—P. W. Dalton—For Handling Hogs.



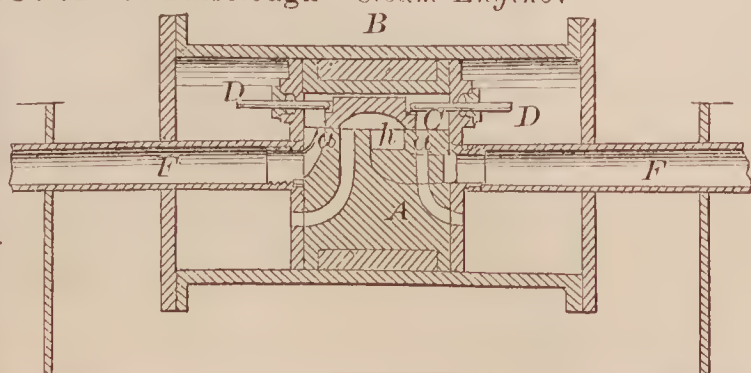
68719—C. W. Doten—Steam Engine Lubricator.



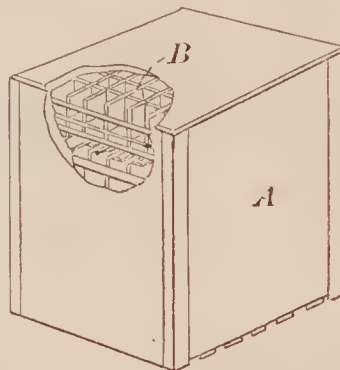
68718—L. Dominy—Riding Attachment for Gang Plows.



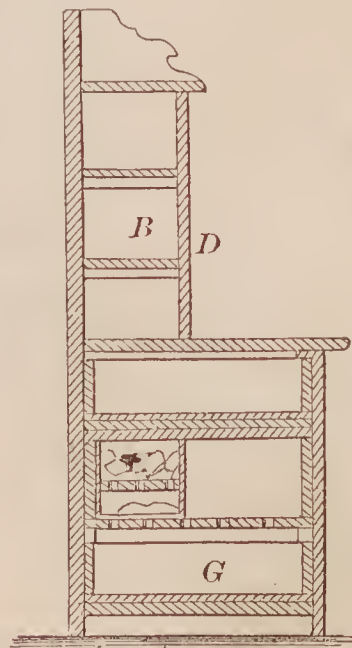
68721—J. Fairelough—Steam Engine.



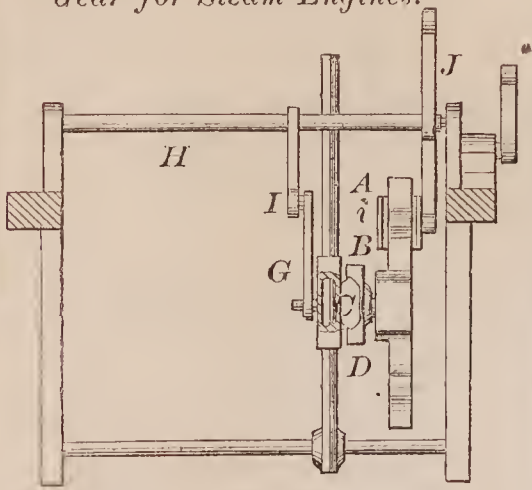
68722—H. T. Field—Fruit Safe.



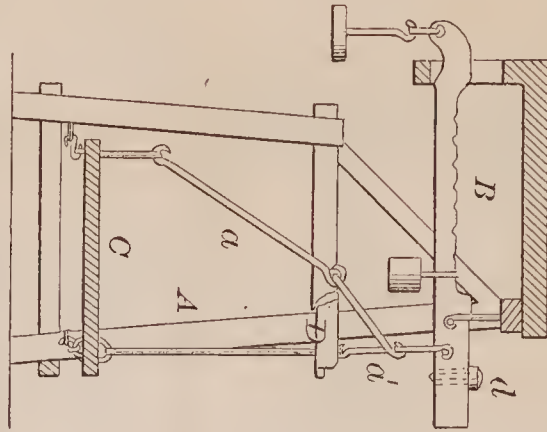
68723—J. B. M. Fifield—Side Board and Refrigerator.



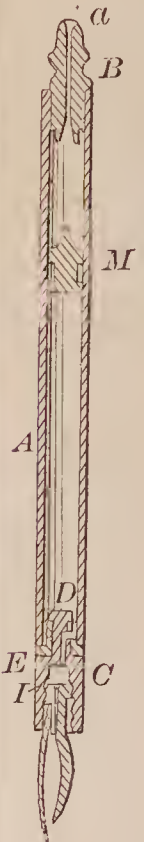
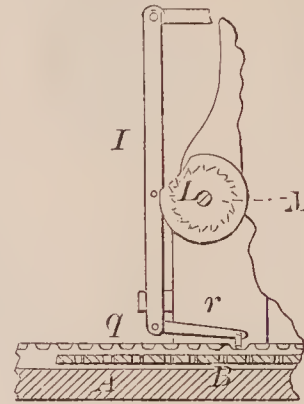
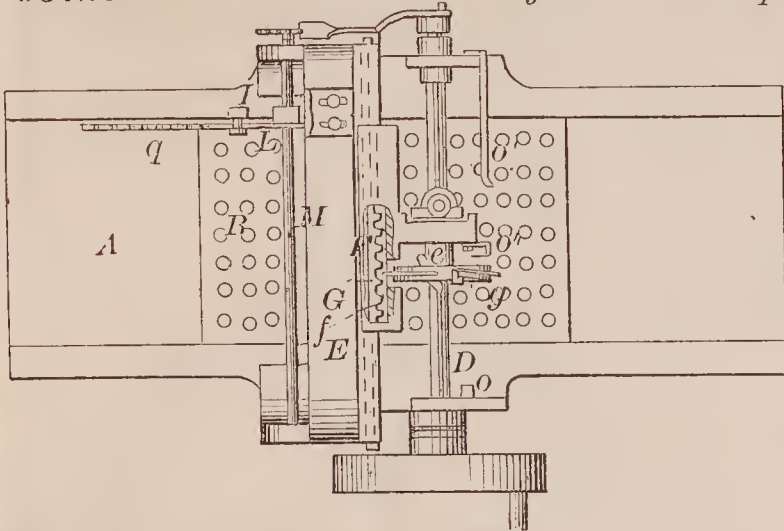
68724—J. R. Fish—*Valve Gear for Steam Engines.*



68728—C. E. Gage—*Weighing Scale.*

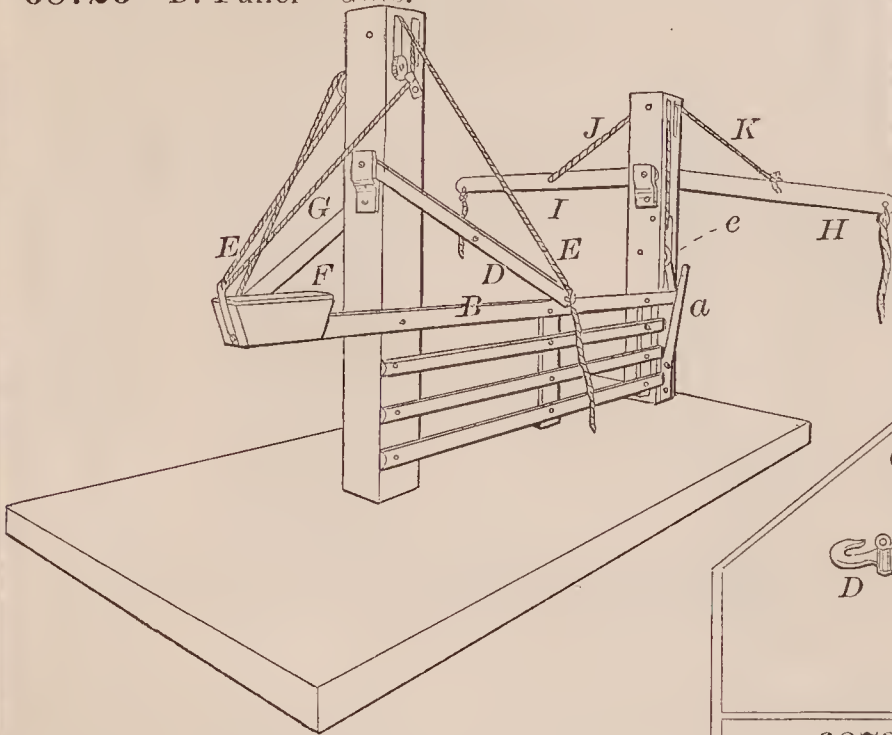


68725—A. J. French—*For Lining Percussion Caps.*

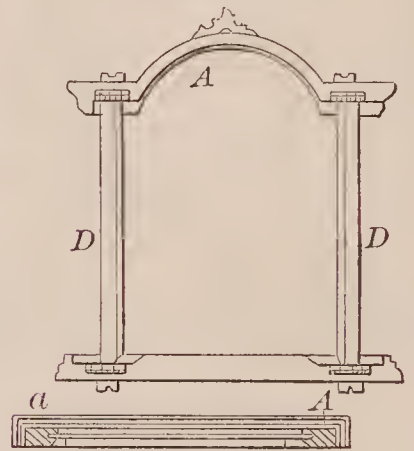


68727—P. Gabriel—*Fountain Pen Holder.*

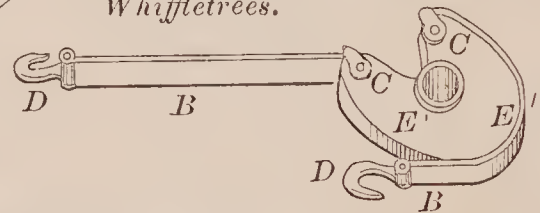
68726—D. Fuller—*Gate.*



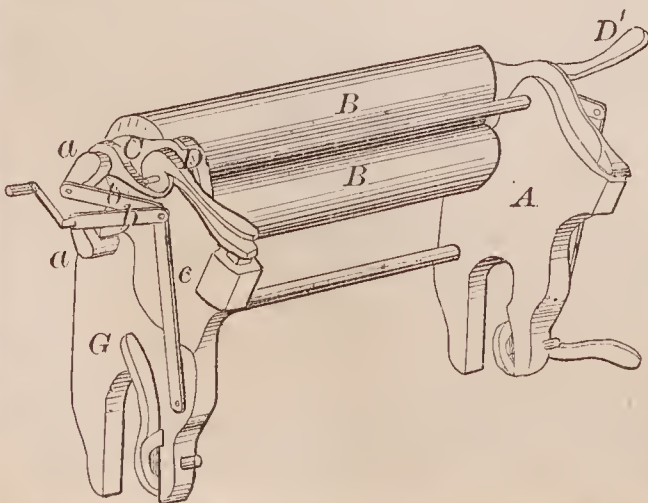
68730—O. L. Gardner—*Mirror Frame.*



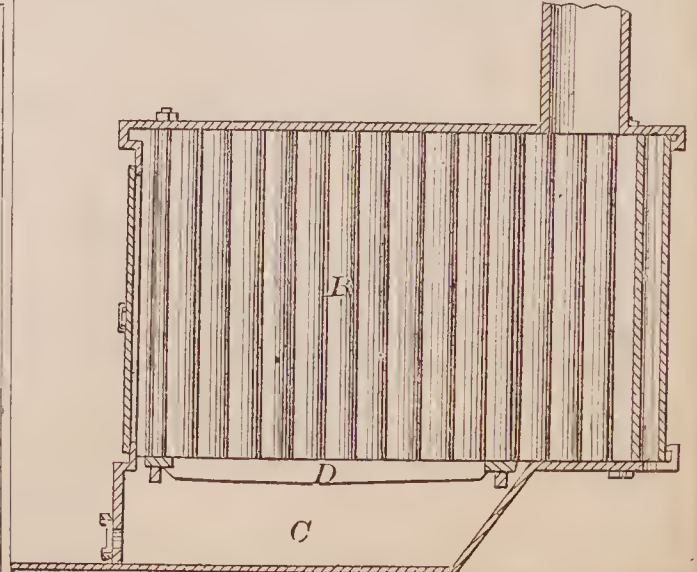
68729—M. Gally—*Evener for Whiffletrees.*



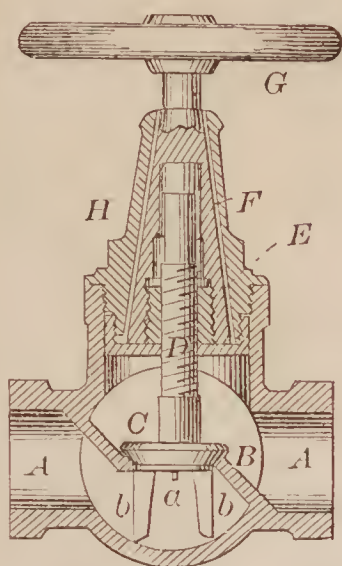
68732—F. A. Gleason—*Clothes Wringer.*



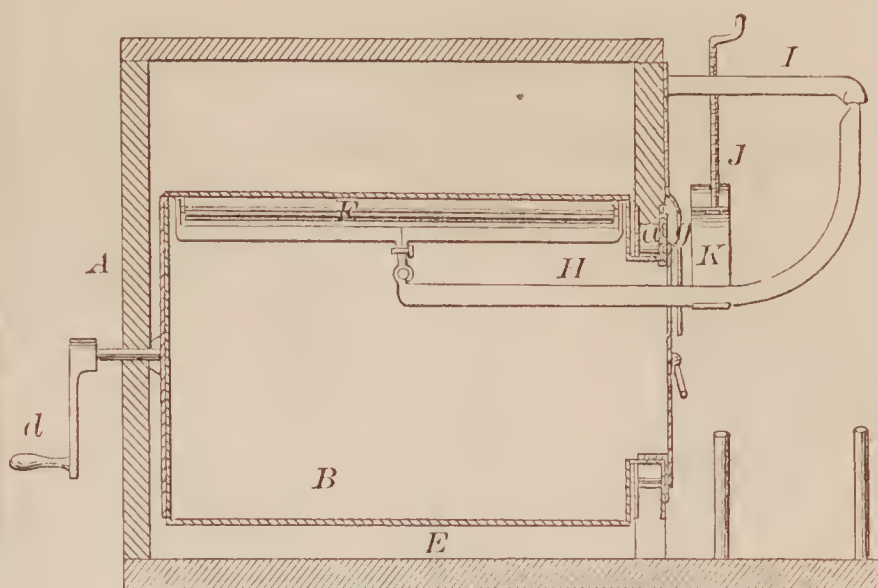
68731—F. Gilman—*Coal Stove.*



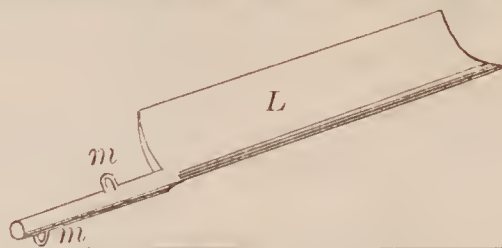
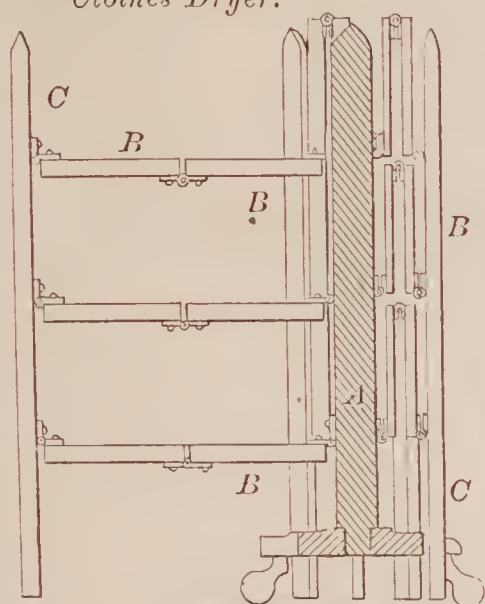
68733—G. L. Grant—*Steam Engine Valve.*



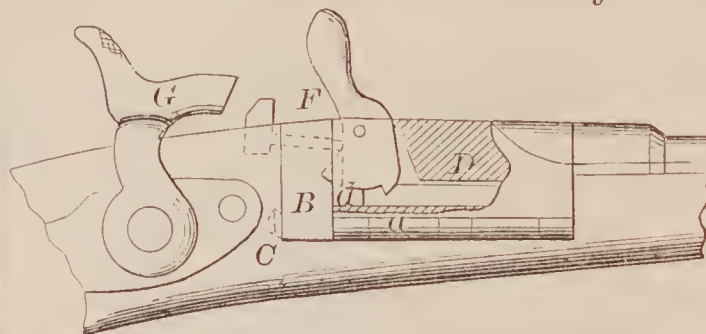
68734—J. Gray—*Ice Cream Freezer.*



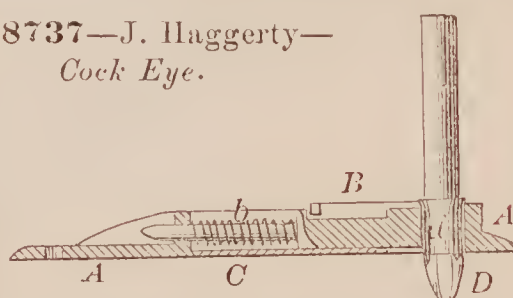
68735—J. Greenhalgh, Jr.—*Clothes Dryer.*



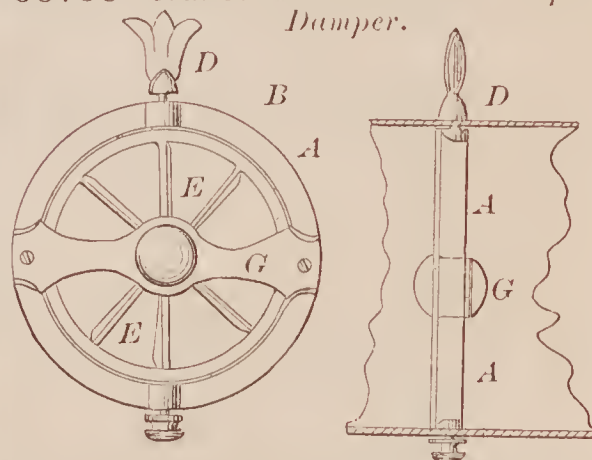
68736—E. F. Gunn—*Breech-Loading Fire Arm.*



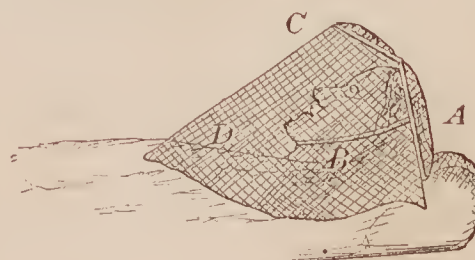
68737—J. Haggerty—*Cock Eye.*



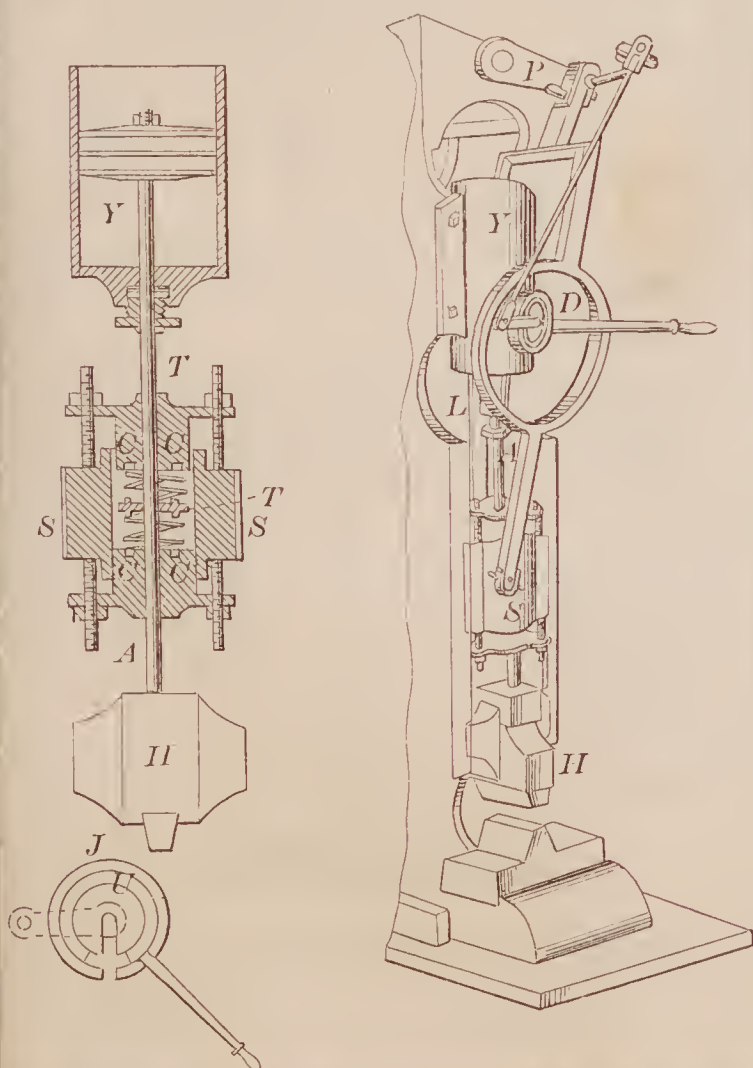
68738—Hailes & Finkle—*Store Pipe Damper.*



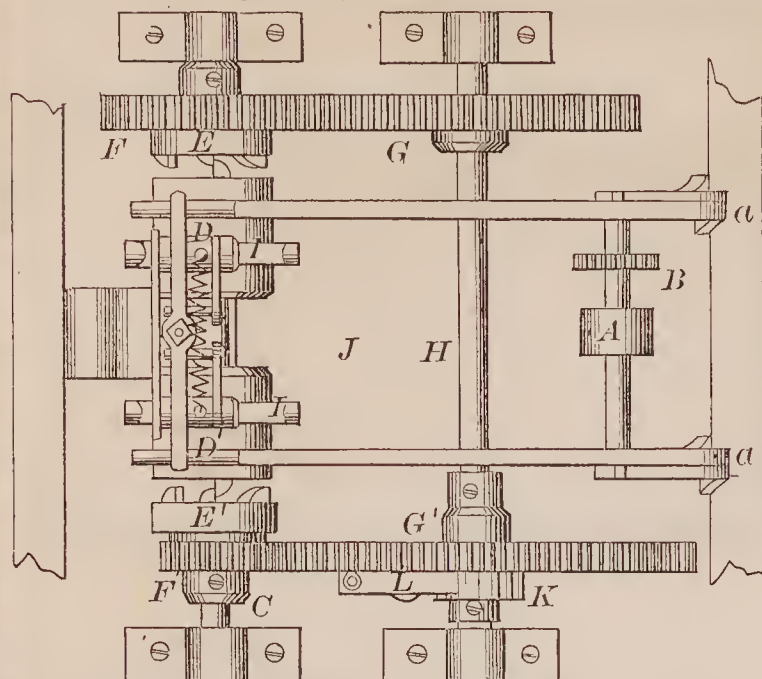
68739—H. Harris—*Mosquito Guard.*



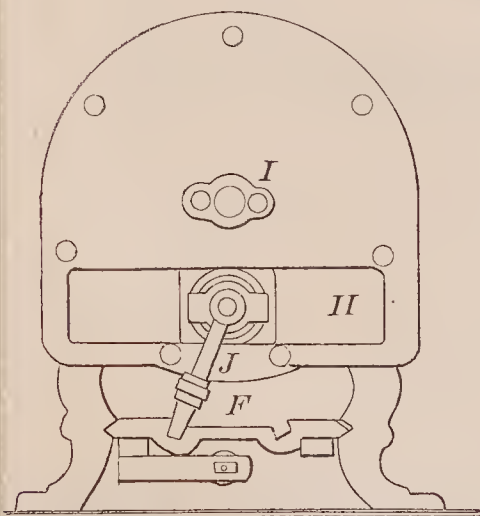
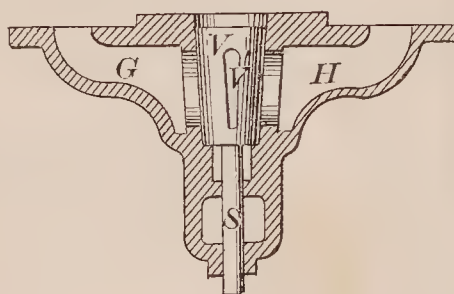
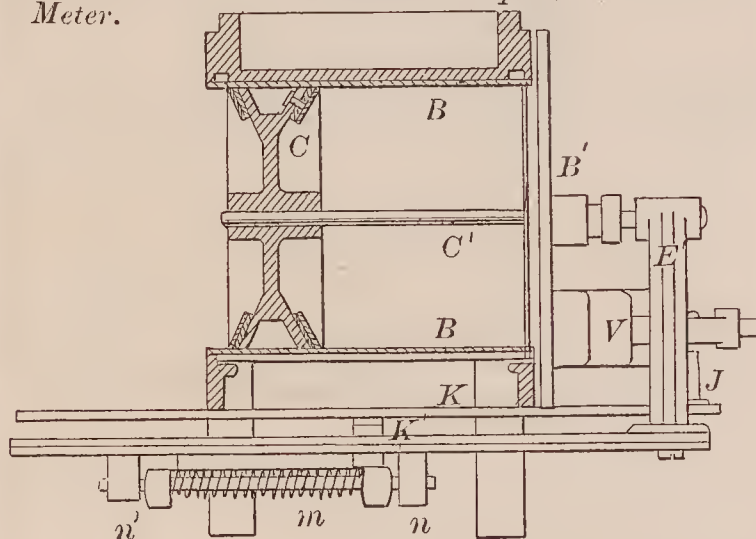
68740—T. B. Harrison—*Power Hammer.*



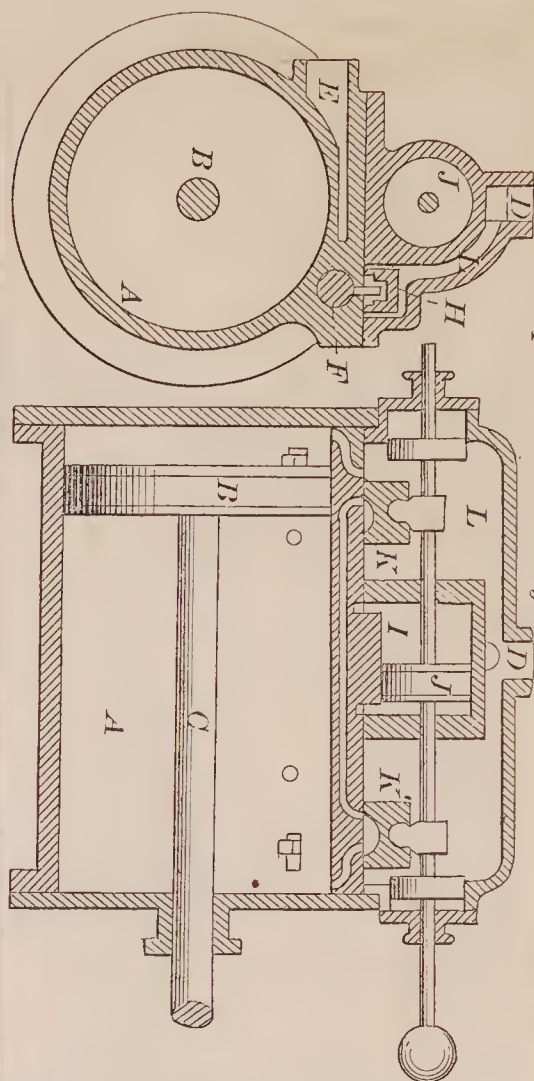
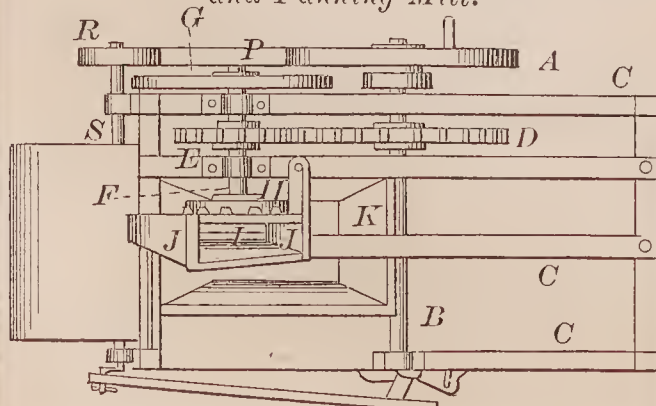
68741—C. Herrschaft—*Feed Regulator for Spinning Machines.*



68746—Horton & Hawkins—*Liquid and Fluid Meter.*

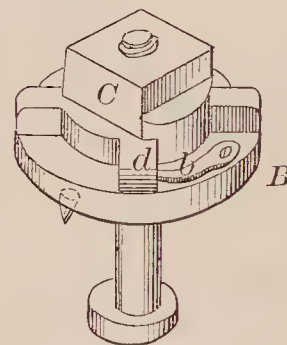


68744—Hoagland & Moser—*Corn Sheller and Fanning Mill.*

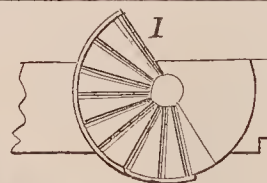
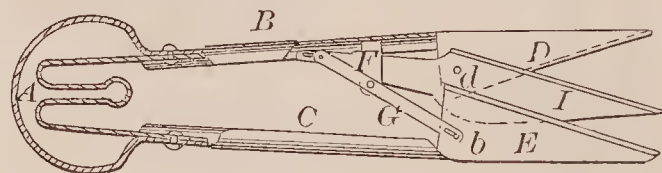


68745—G. W. & E. Hopkins—*Steam Engine Valve.*

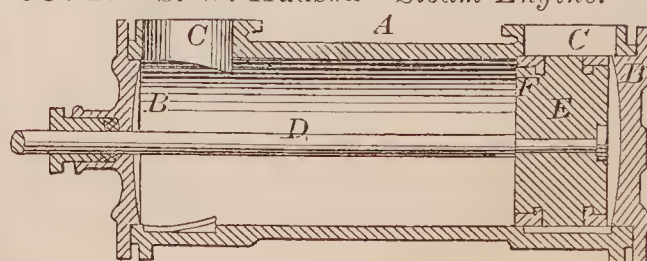
68742—G. G. Hickman—*Bolt Washer.*



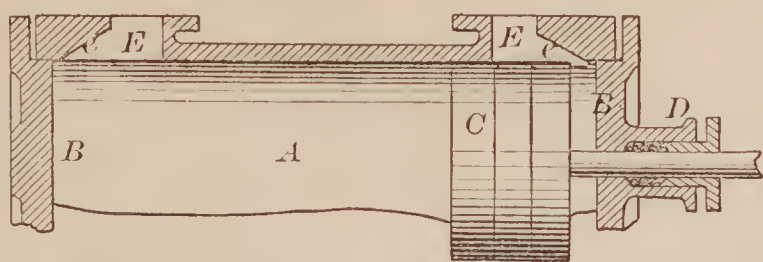
68743—G. Hilgar—*Sheep Shears.*



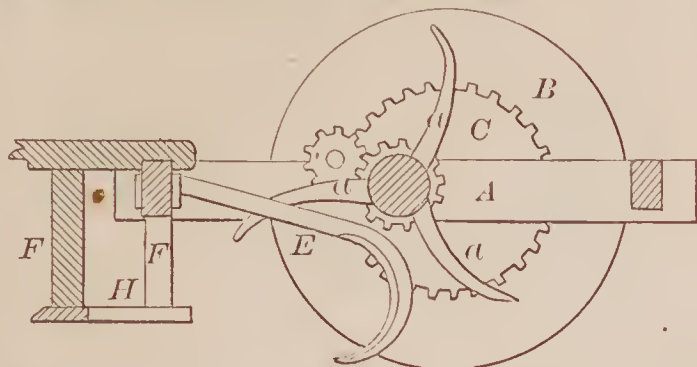
68747—S. W. Hudson—*Steam Engine.*



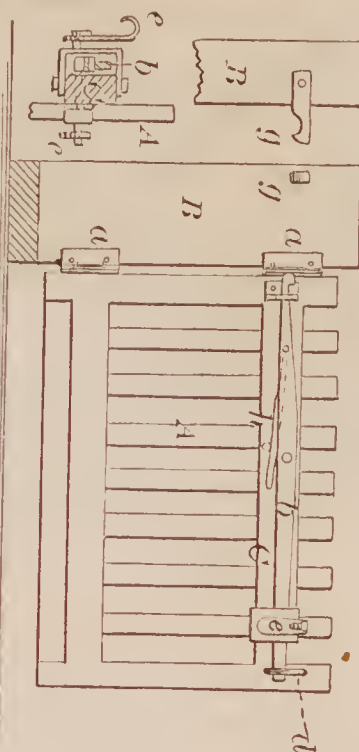
68748—S. W. Hudson—*Steam Engine.*



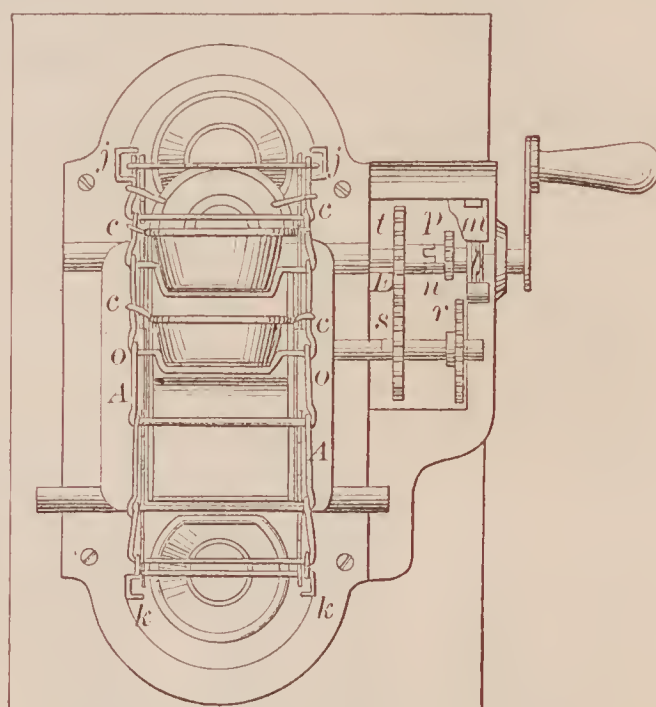
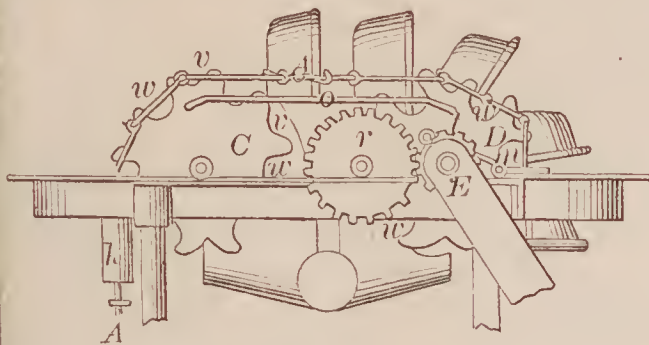
68749—A. Hunt—*Cornstalk Cutter.*



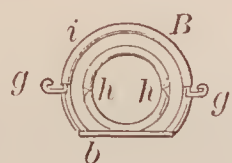
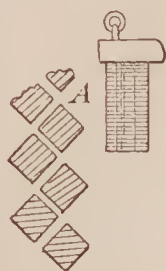
68752—W. Kimble—*Gate Fastening.*



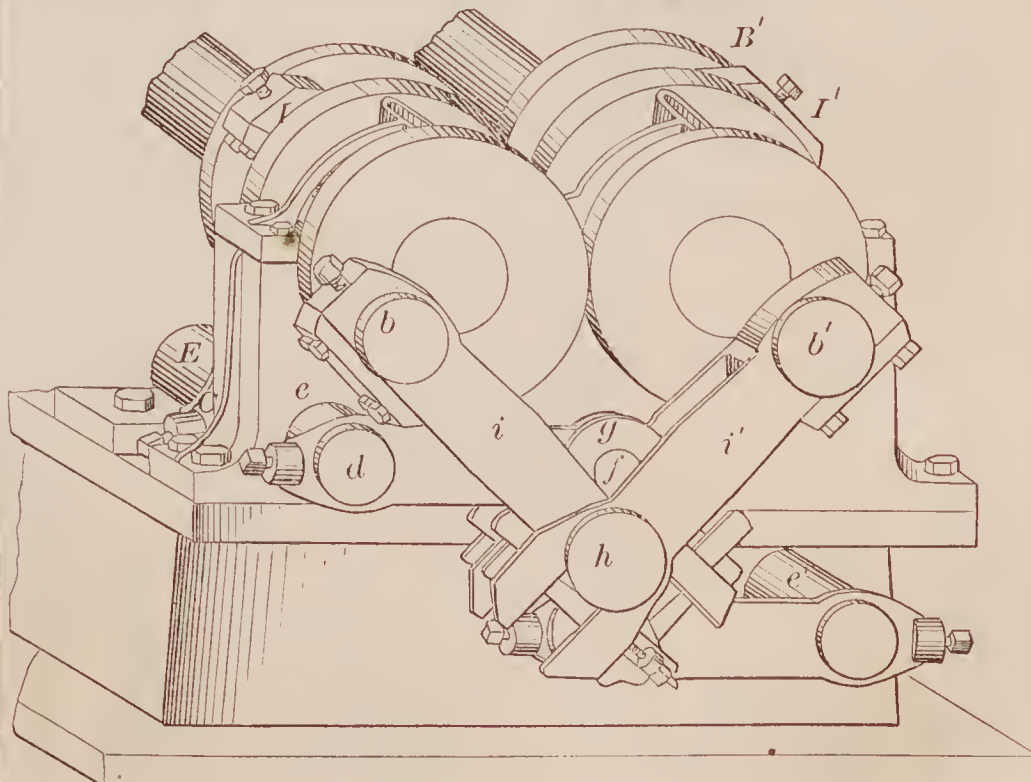
68753—A. H. Knapp—*Water Elevator.*



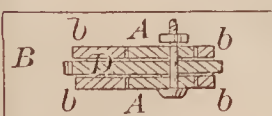
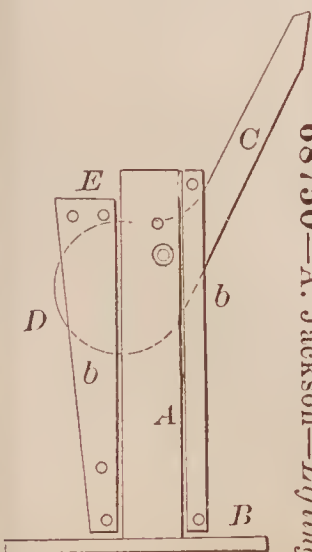
68751—T. B. James—*Window Shade.*



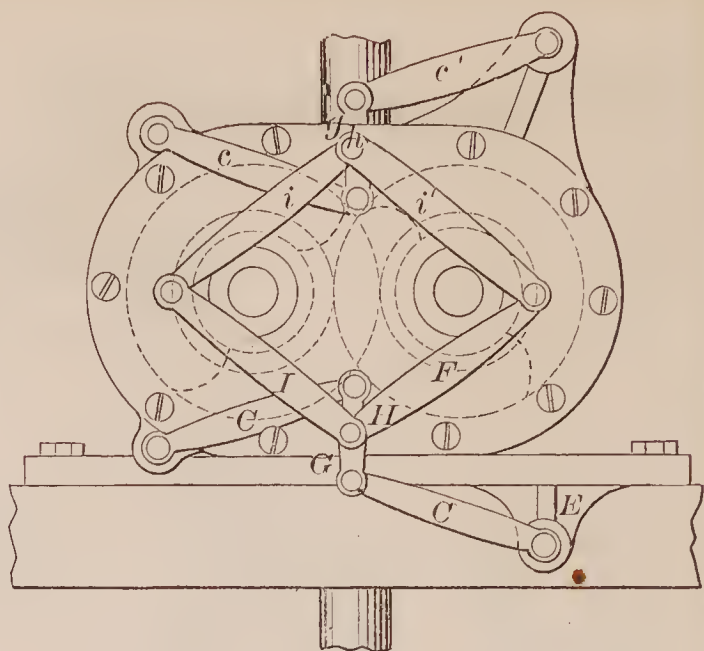
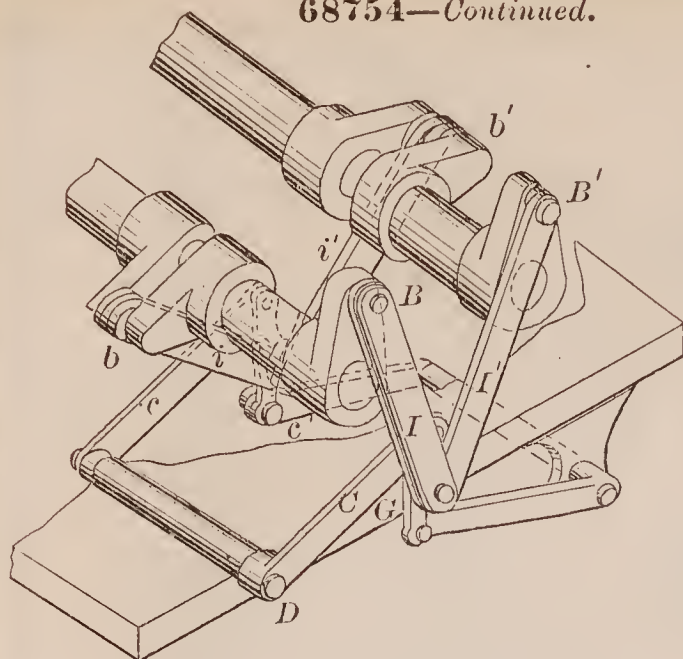
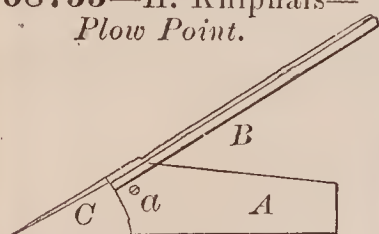
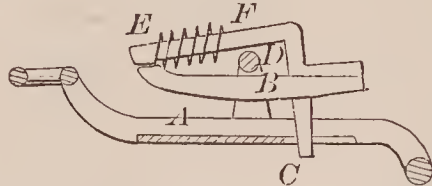
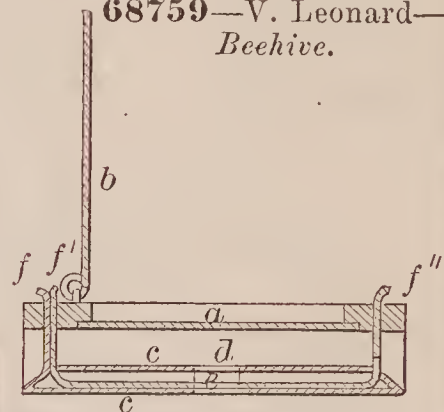
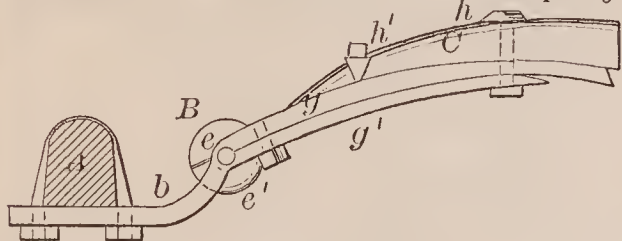
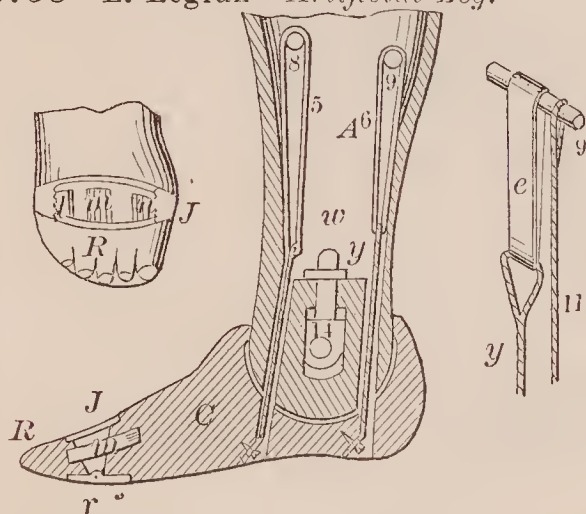
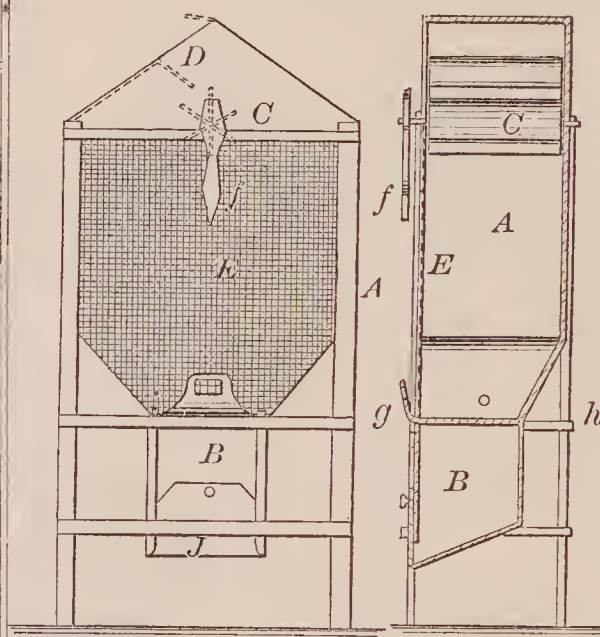
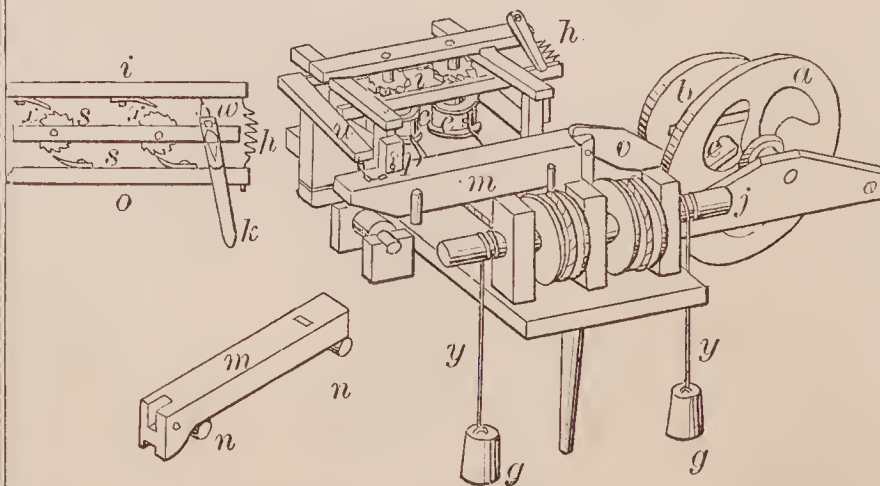
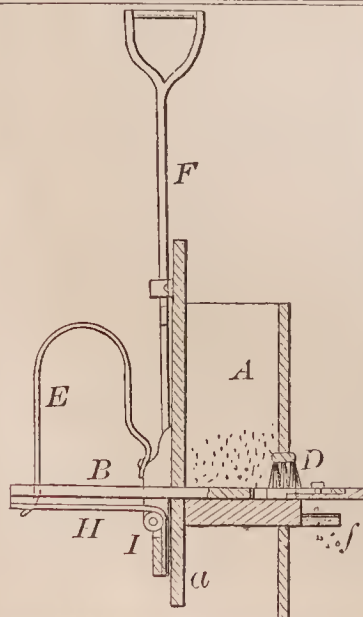
68754—G. H. Knight—*Mechanical Movement.*



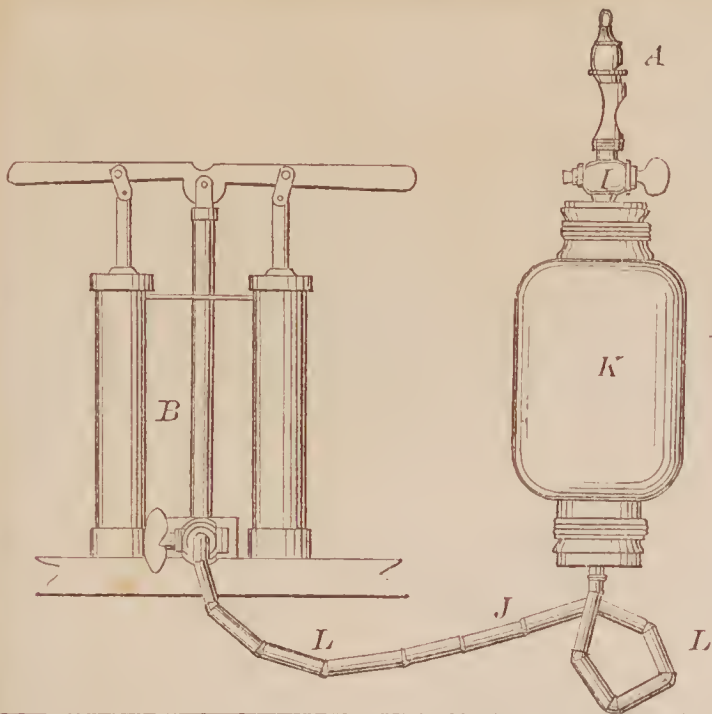
68750—A. Jackson—*Lifting Jack.*



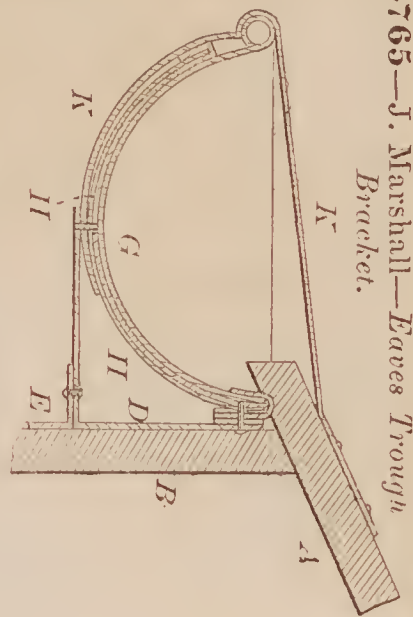
68754—Continued.

68755—H. Kniphals—*Plow Point.*68756—E. T. Lacy—*Trace Buckle.*68759—V. Leonard—*Beehive.*68757—C. C. Lawrence—*Thill Coupling.*68758—L. Legran—*Artificial Leg.*68761—N. M. Lurton—*Grain Measure.*68762—J. P. Luther—*For Rolling Whips.*68760—C. E. Lipe—*Corn Dropper.*

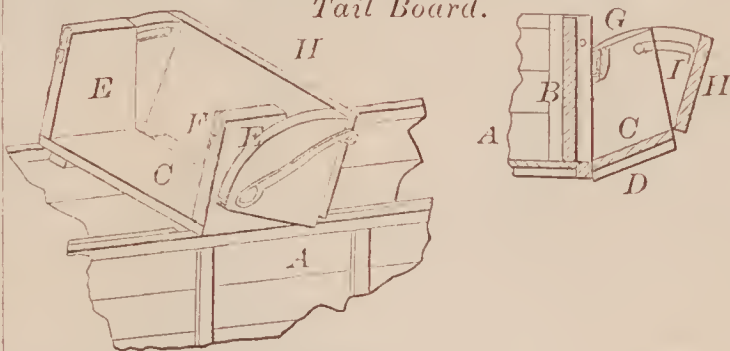
68763—J. C. Lyons—*Fog Alarm.*



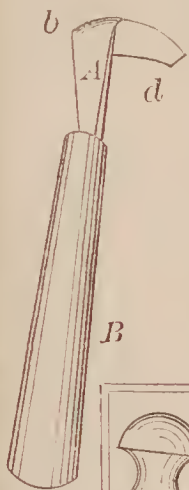
68765—J. Marshall—*Leaves Trough Bracket.*



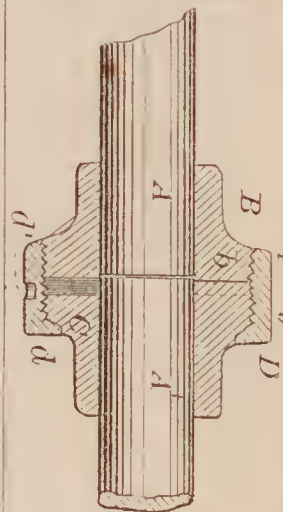
68766—C. Matheny—*Wagon Seat, Manger and Tail Board.*



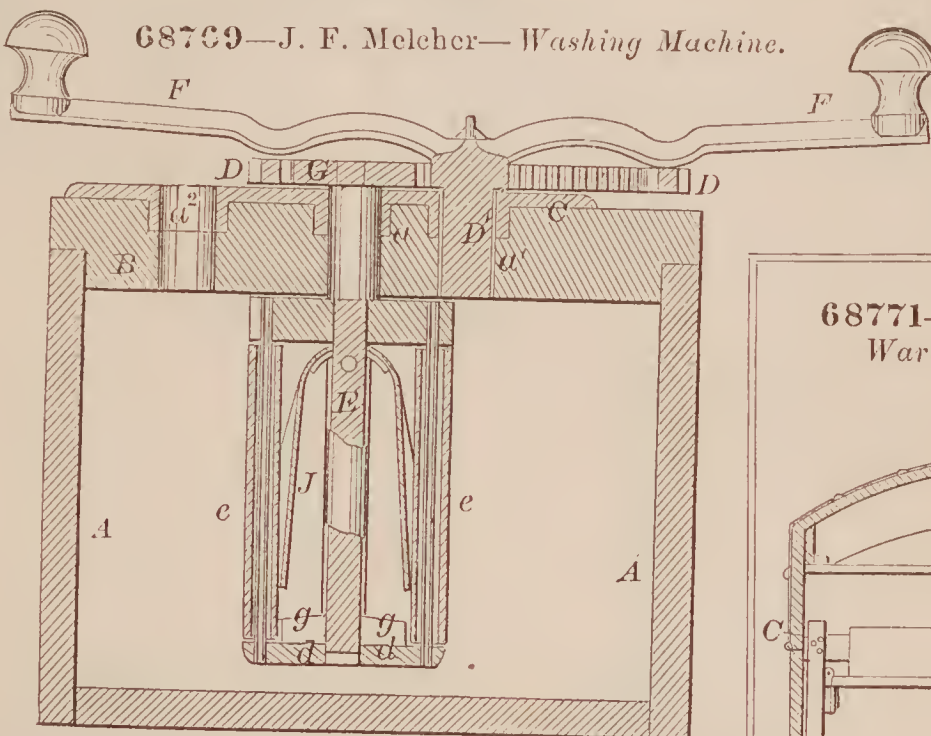
68767—C. Mahan—*Hoe.*



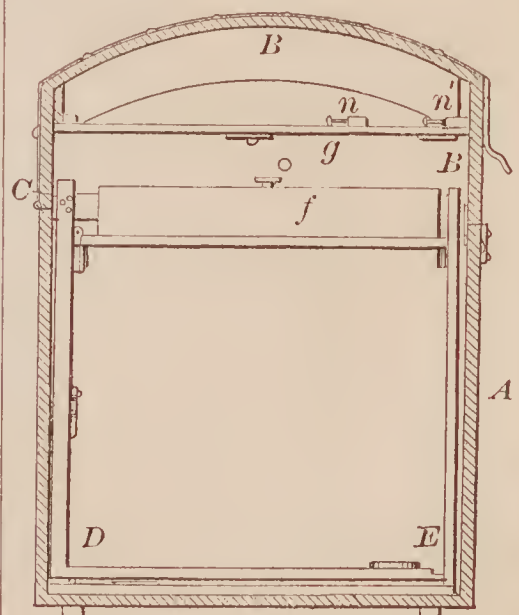
68768—W. S. McKinney—*Shaft Coupling.*



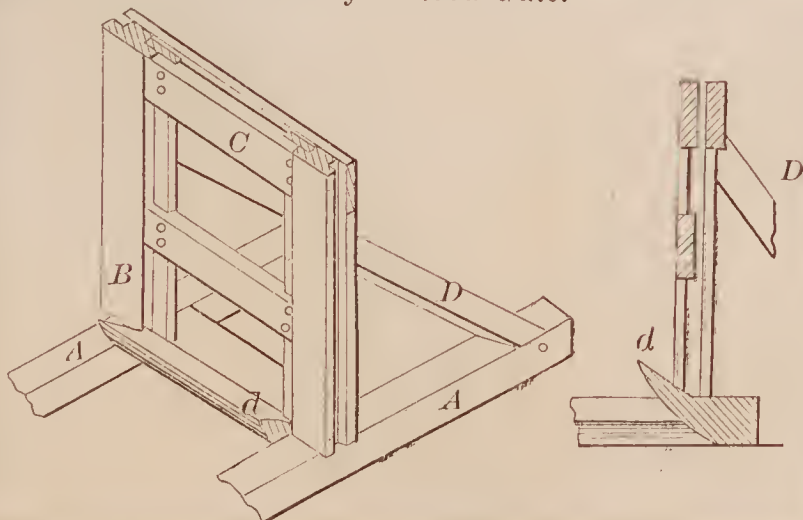
68769—J. F. Melcher—*Washing Machine.*

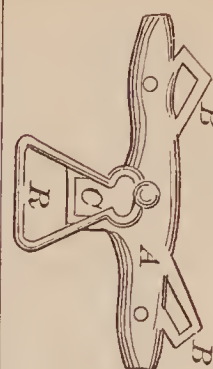
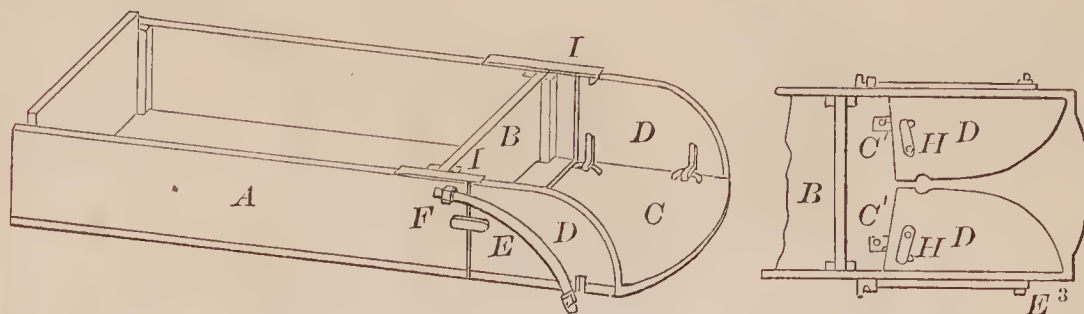
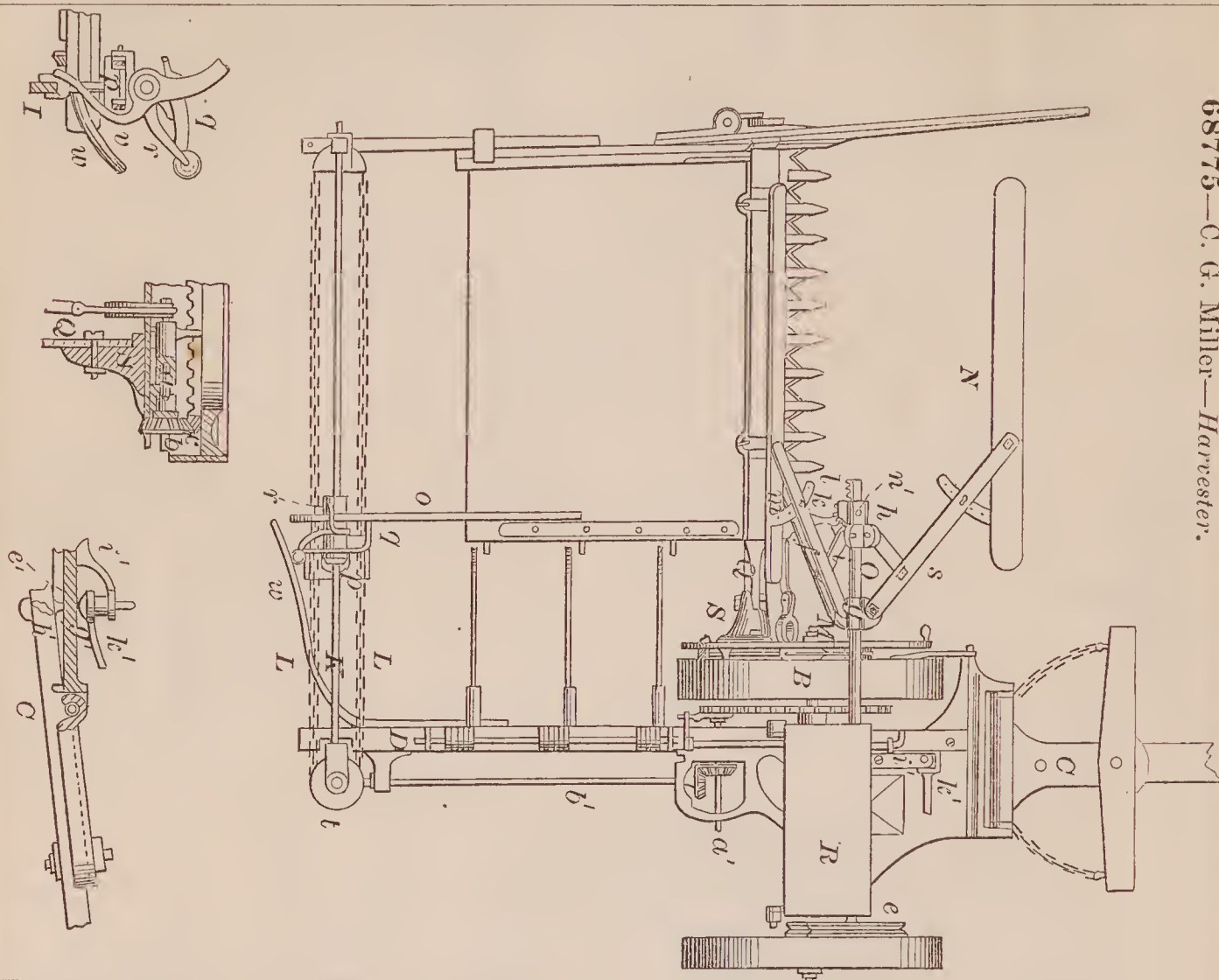
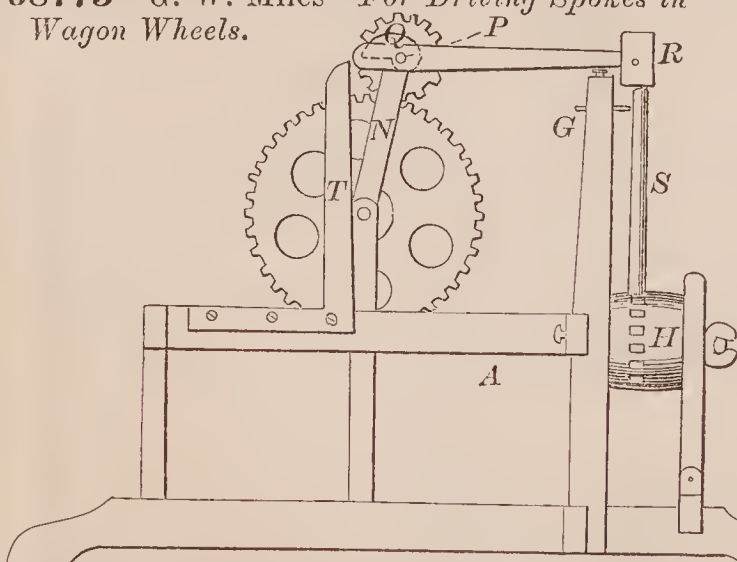
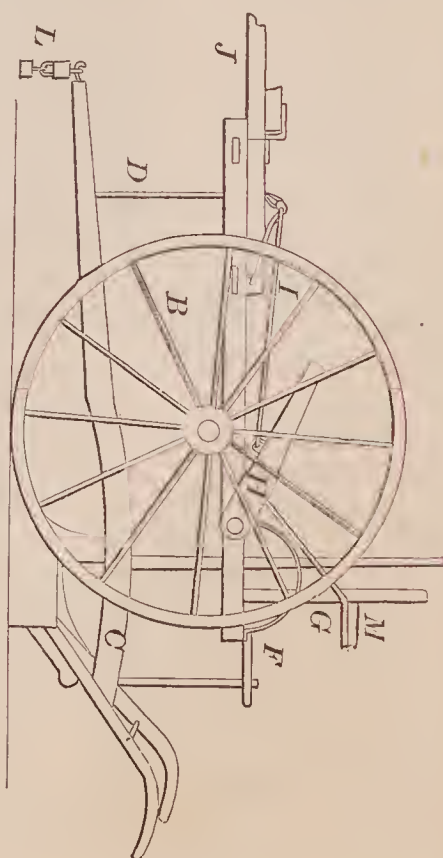
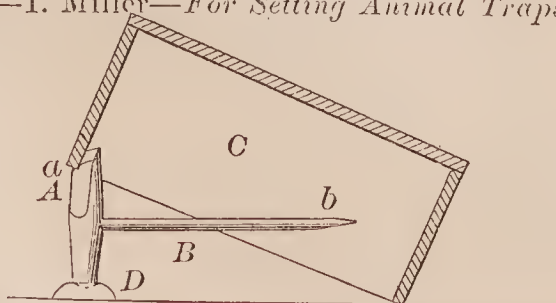


68771—C. Memmert—*Wardrobe Trunk.*

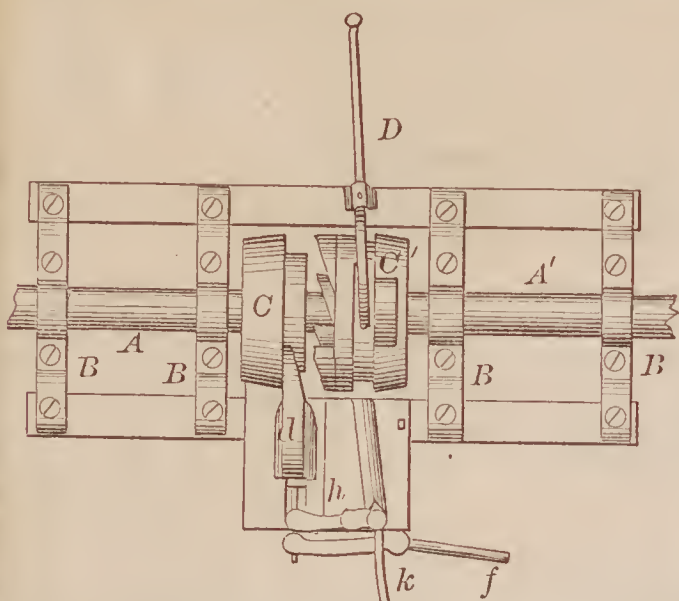


68767—C. B. McKinney—*Flood Gate.*

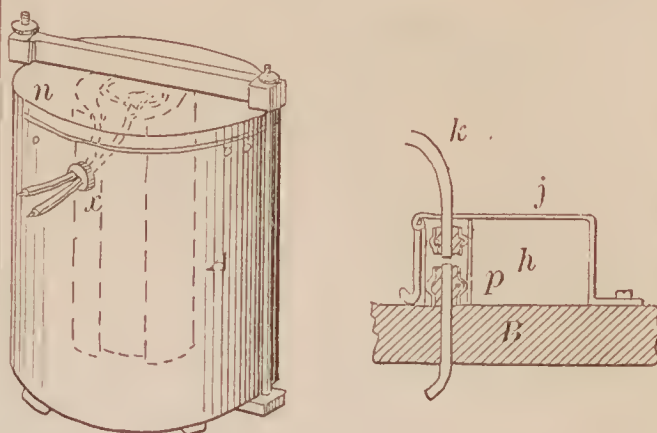


68772—Meredith & Mulligan—*Extension Bed for Farm Wagons.*68774—R. E. Miles—*Breast Collar.*68775—C. G. Miller—*Harvester.*68773—G. W. Miles—*For Driving Spokes in Wagon Wheels.*68777—H. Minuse—*Carriage Plow.*68776—I. Miller—*For Setting Animal Traps.*

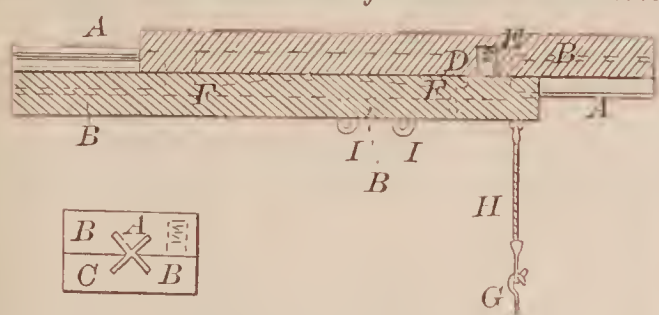
68778—Nevergold & Brosey—*Shaft Coupling.*



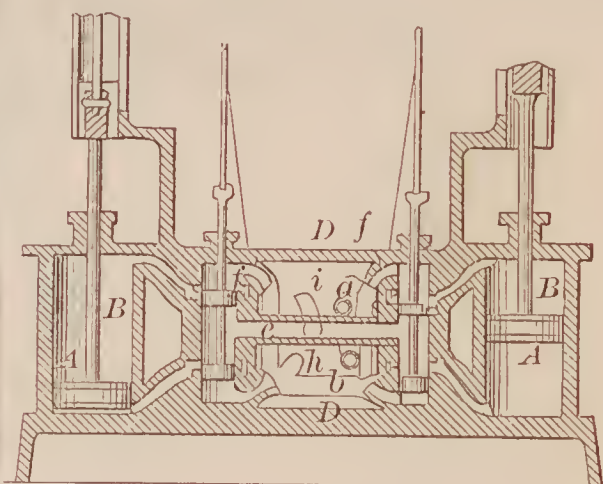
68779—G. W. Nichols—*Insulation of Telegraph Lines.*



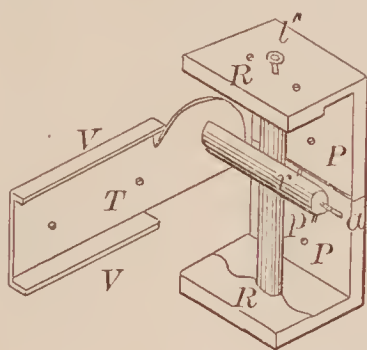
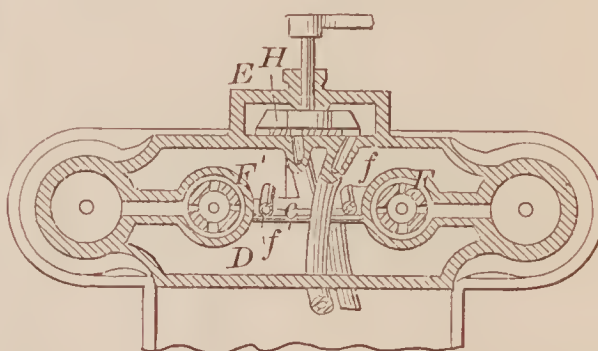
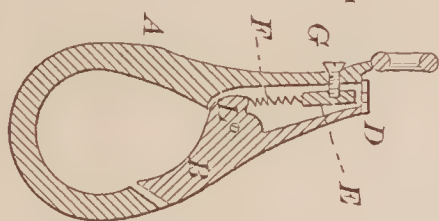
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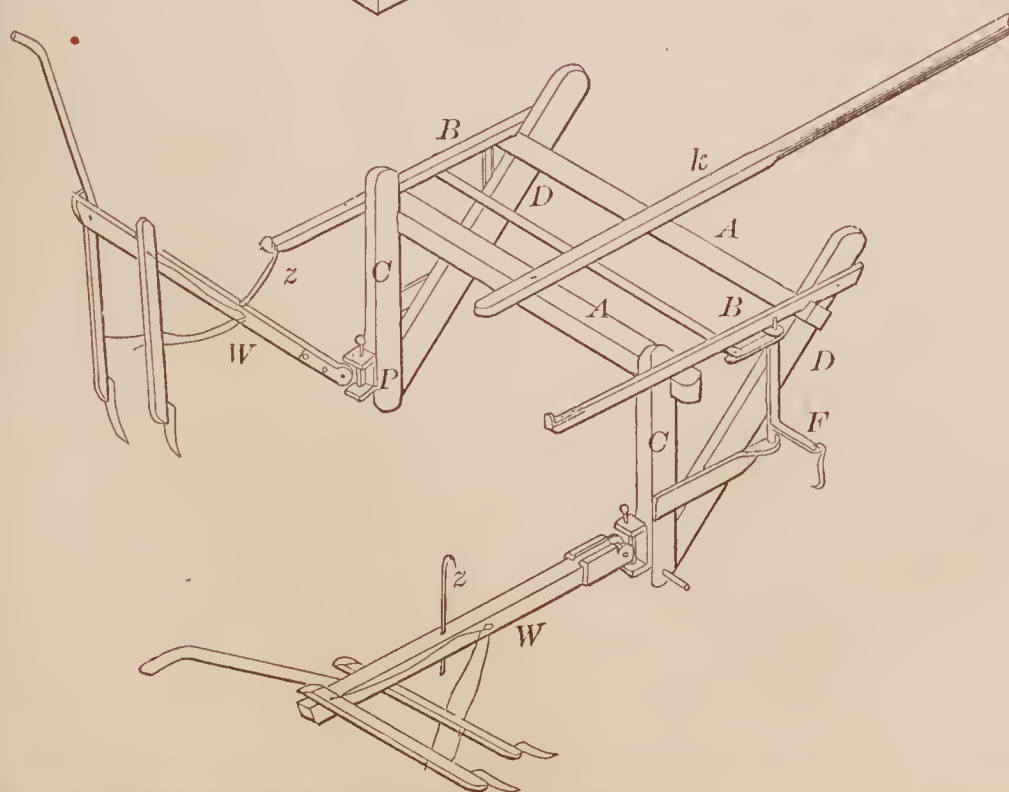
68783—C. R. & N. P. Otis—*Steam Engine Valve.*



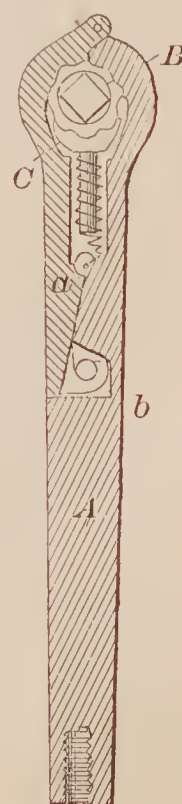
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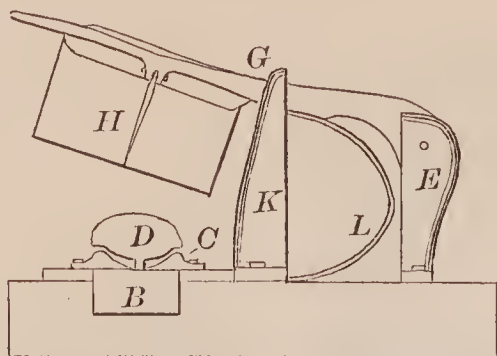
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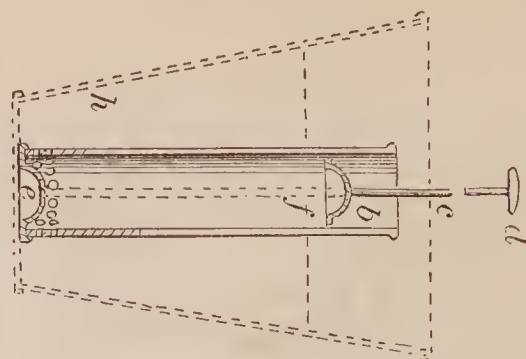
68780—R. Nickson—*Carriage Joint.*



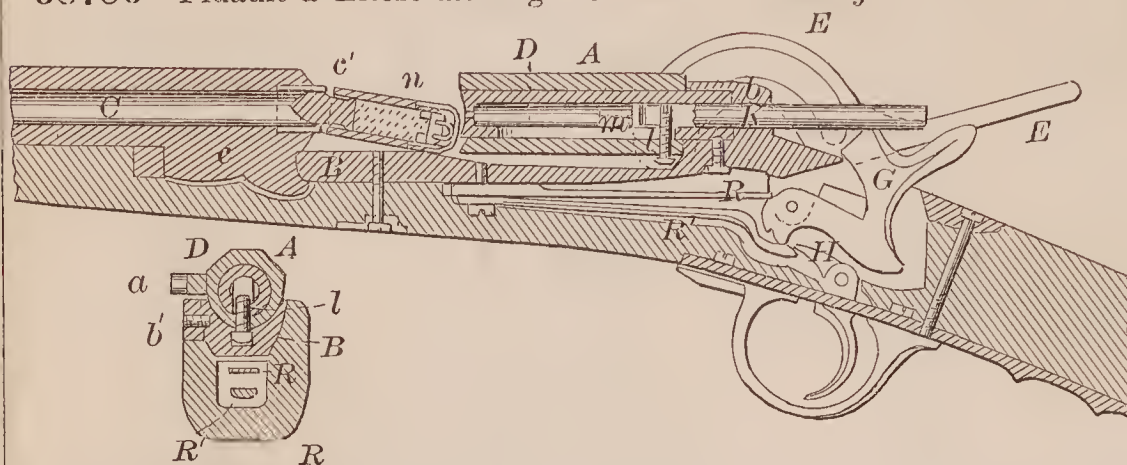
68785—H. Peterson—*Cigar Gauge and Butt Cutter.*



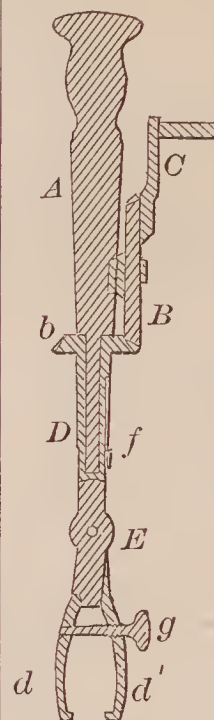
68788—E. L. Pratt—*For Aerating Liquids.*



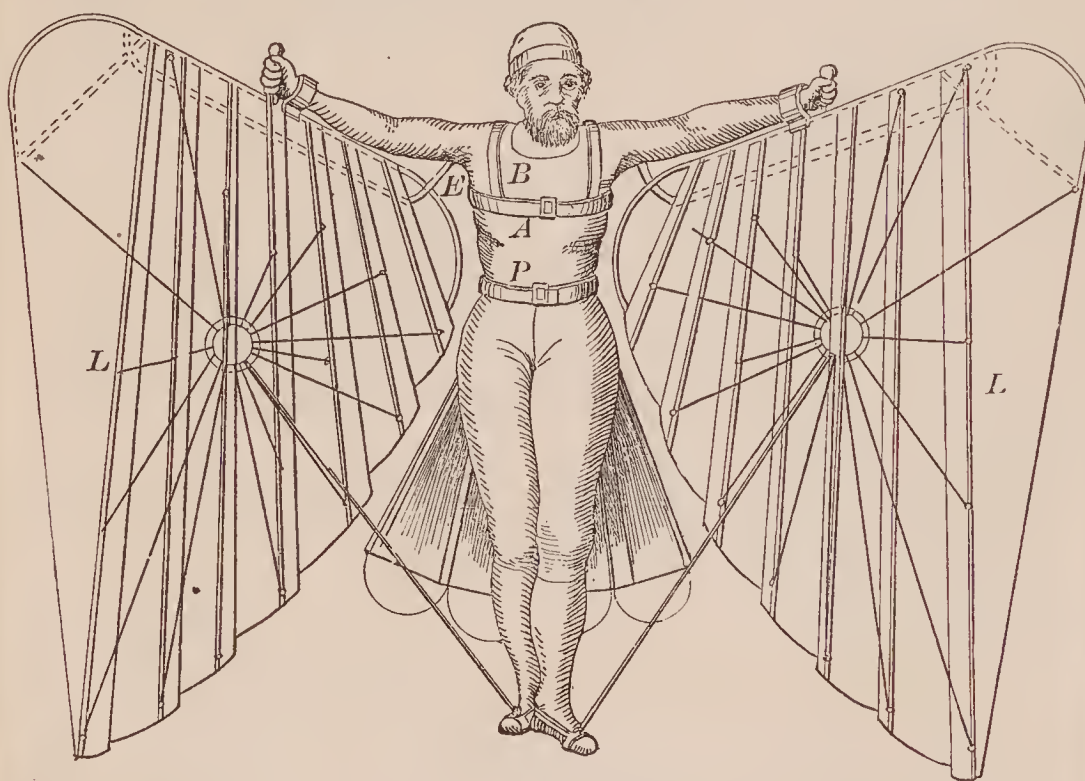
68786—Pidault & Elieze dit Lagieze—*Breech-Loading Fire Arm.*



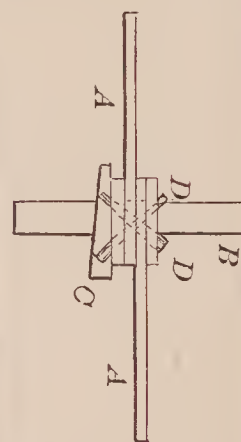
68787—C. T. Poulton—*Wrench.*



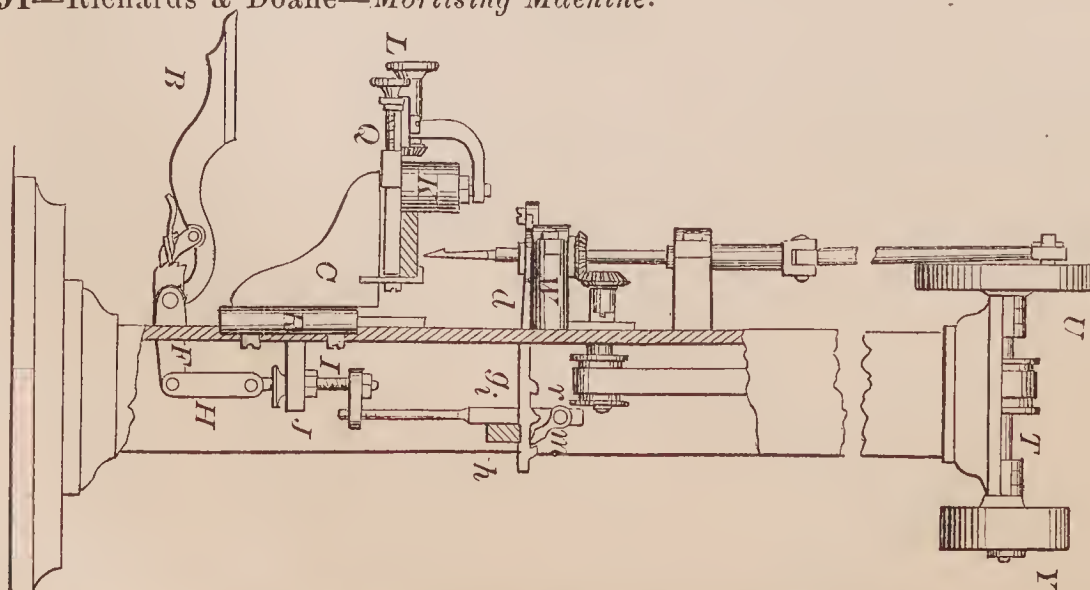
68789—W. F. Quinby—*Flying Apparatus.*



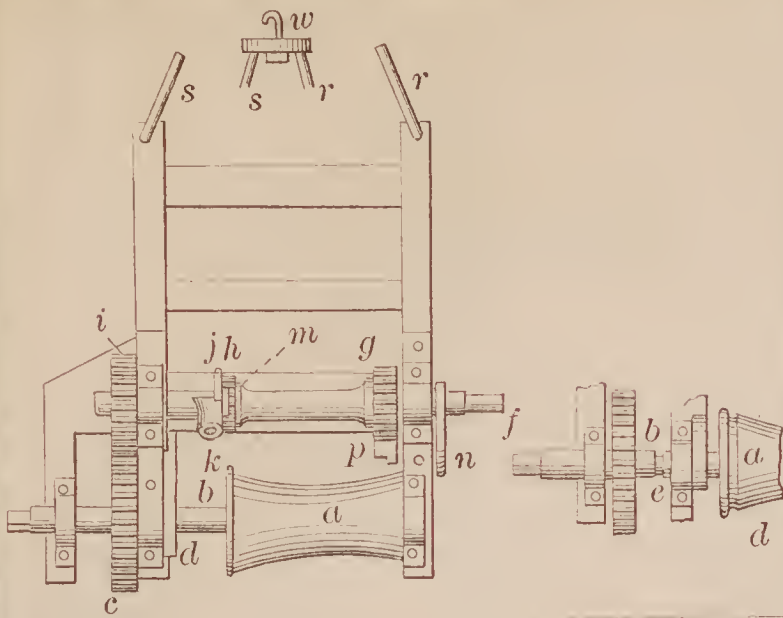
68790—T. D. Read—*Fence.*



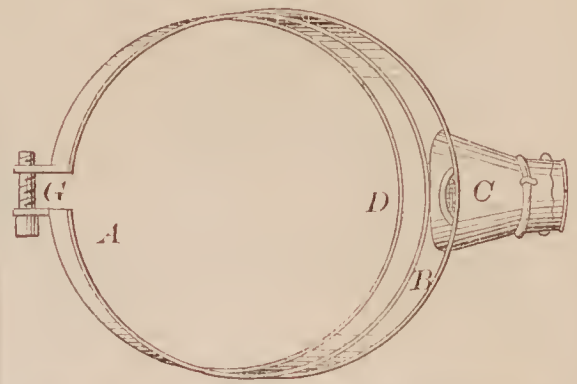
68791—Richards & Doane—*Mortising Machine.*



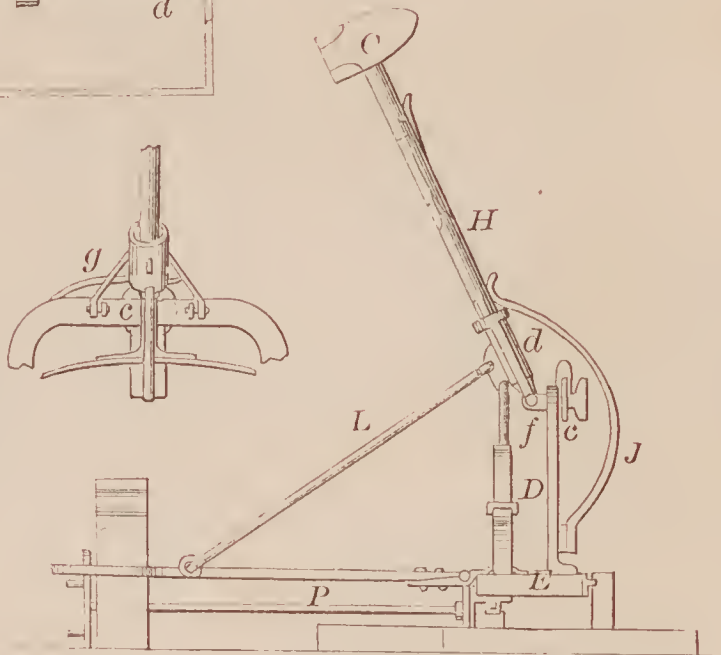
68792—R. D. Rogers—Winch.



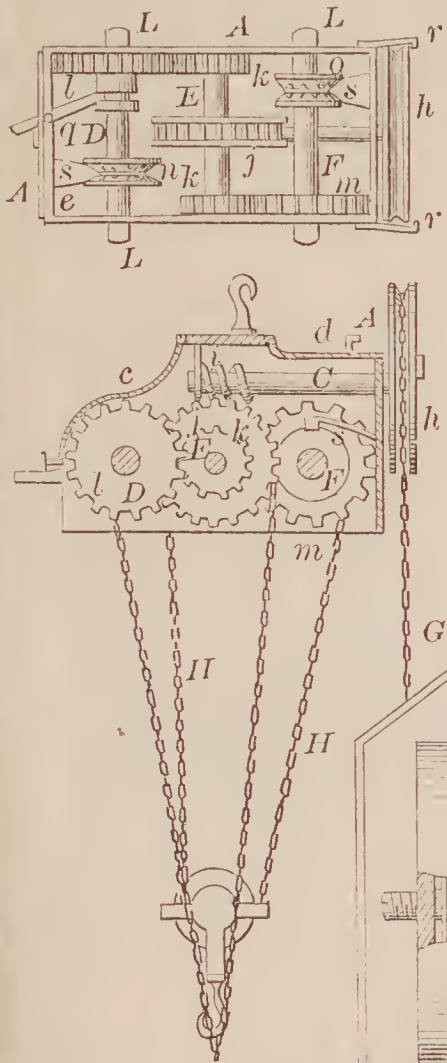
68793—W. F. Rossman—Milk Strainer.



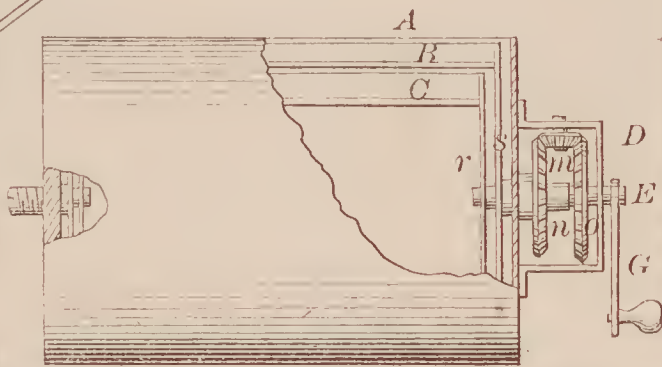
68797—Scott & Claridge—Power Hammer.



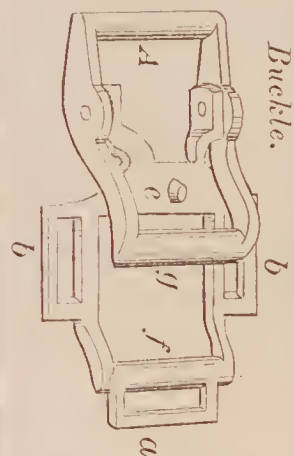
68794—W. Rung—Hoisting Apparatus.



68798—L. W. Shaeffer—Churn.



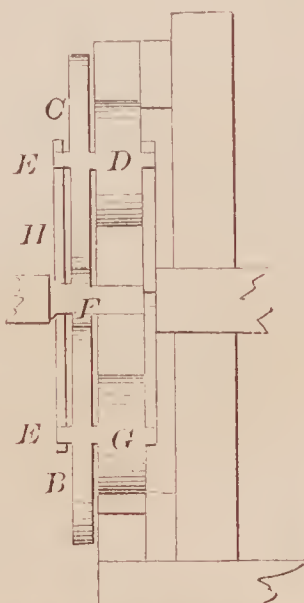
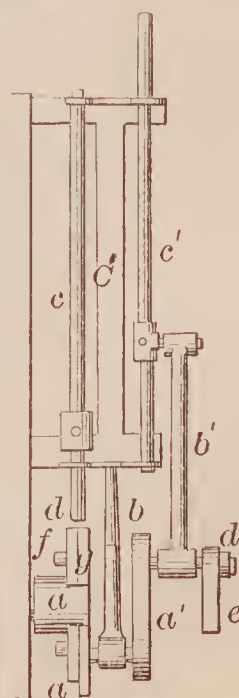
68796—C. Schwaner—Trace Buckle.

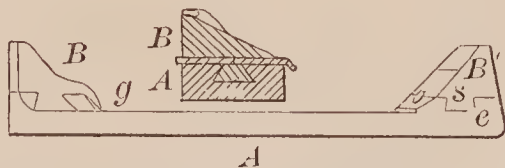
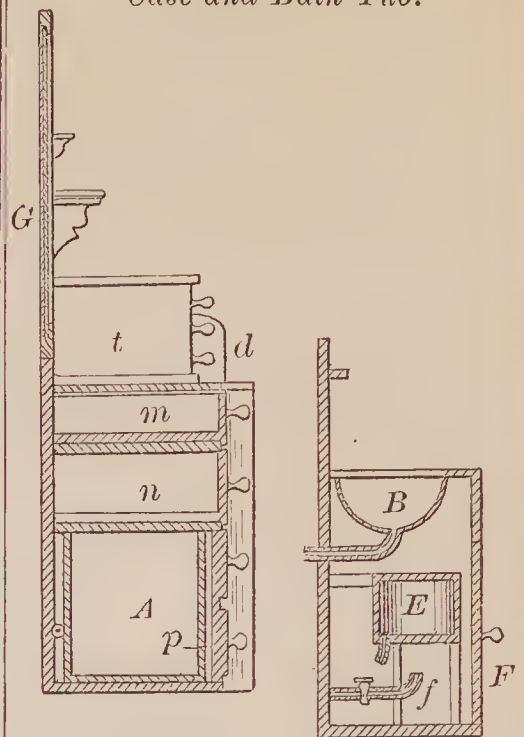
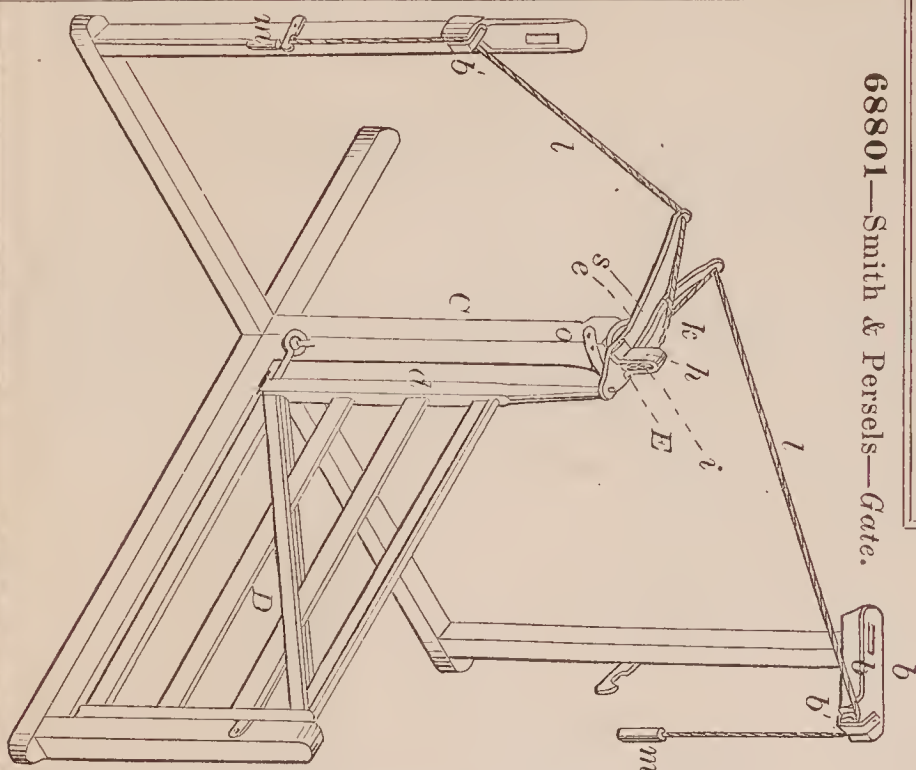
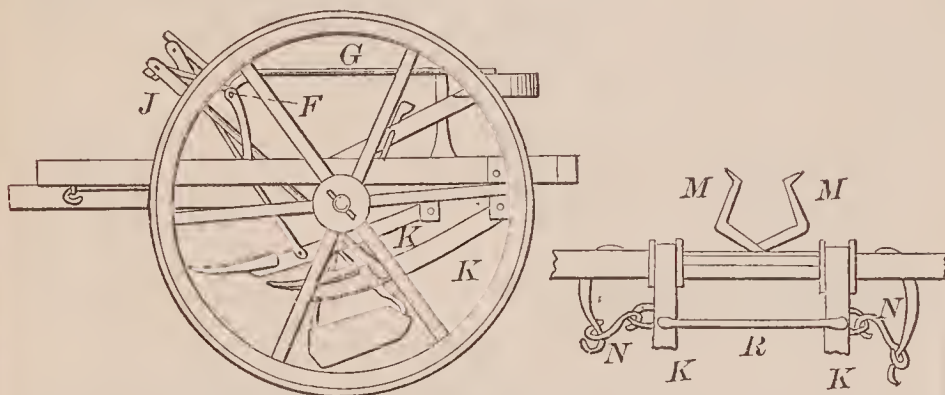
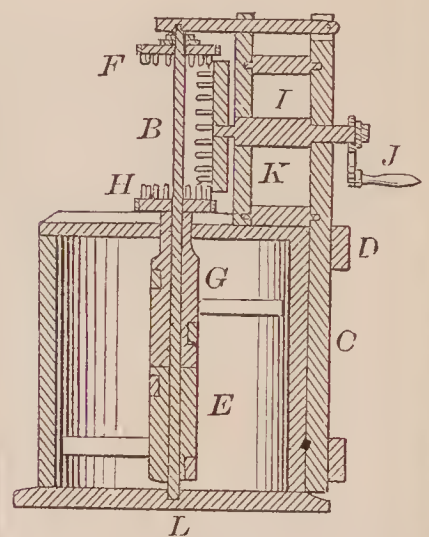
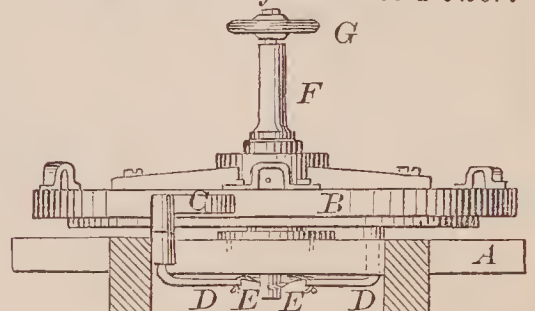
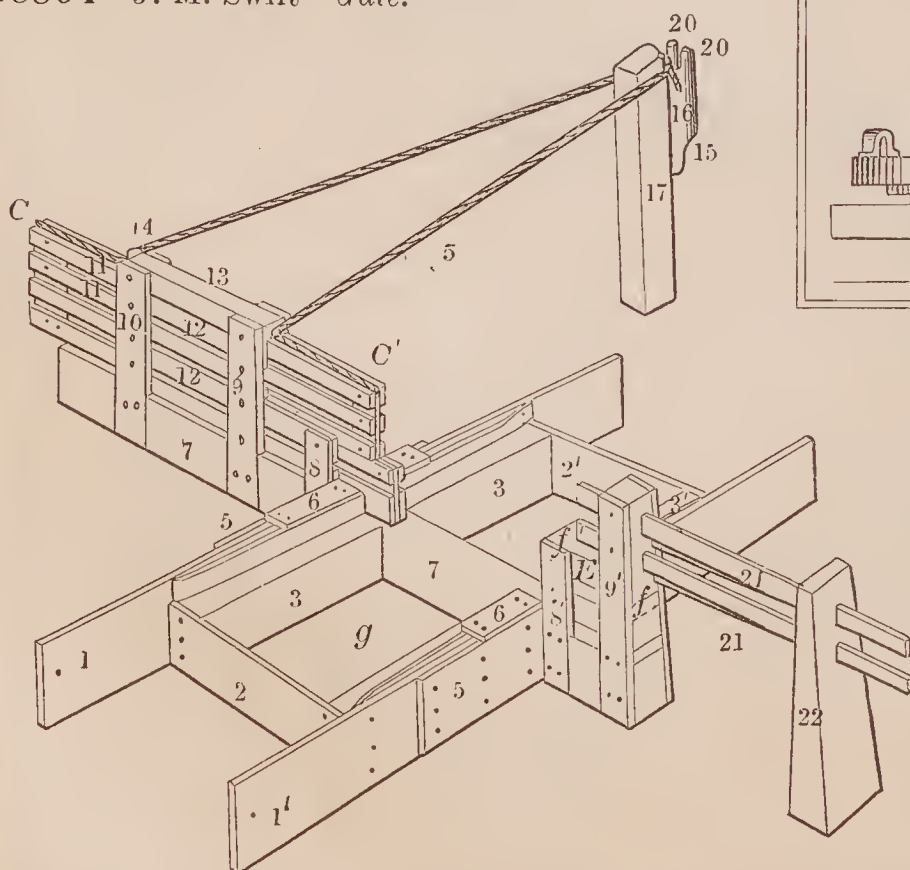
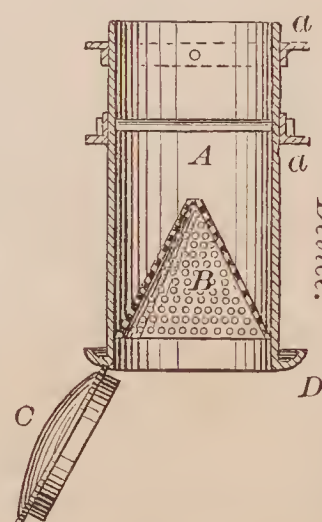


68799—J. Shickel—Mill Gearing.

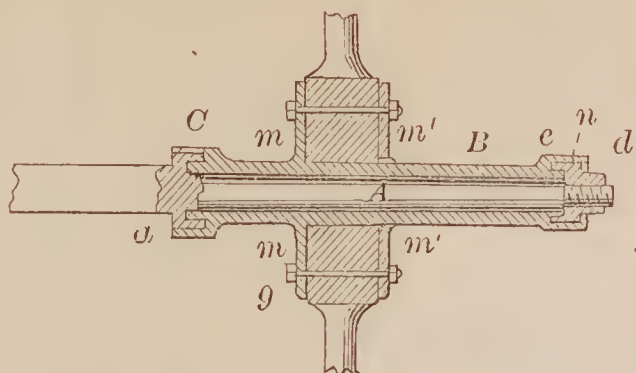


68795—C. Schilling—Harness Motion for Looms.

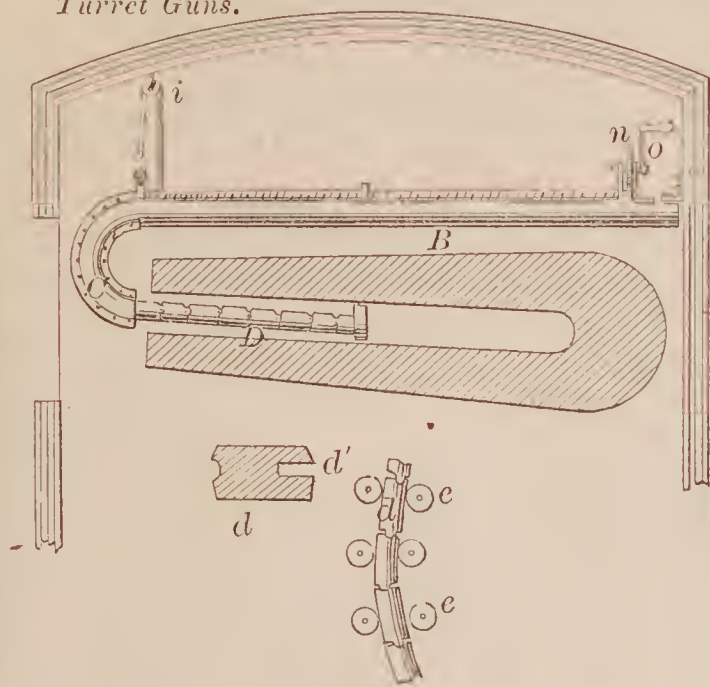


68800—W. H. Shurtleff—*Horse Shoe.*68802—C. A. Staples—*Dressing Case and Bath Tub.*68801—Smith & Persels—*Gate.*68803—M. Sweet—*Cultivator.*68805—J. G. Taylor—*Churn.*68806—A. D. Tingley—*Brake for Horse Power.*68804—J. M. Swift—*Gate.*68807—O. S. Trexler—*Ventilating Device.*

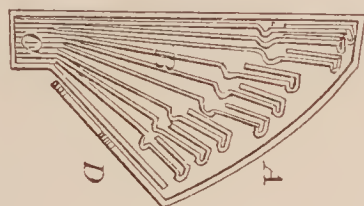
68808—W. C. Tucker—*Wagon Hub.*



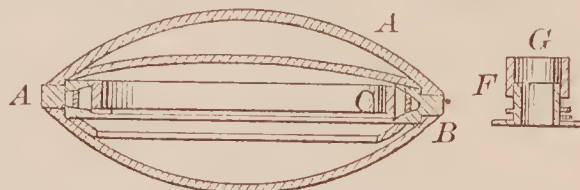
68813—J. B. Walker—*Flexible Rammer for Turret Guns.*



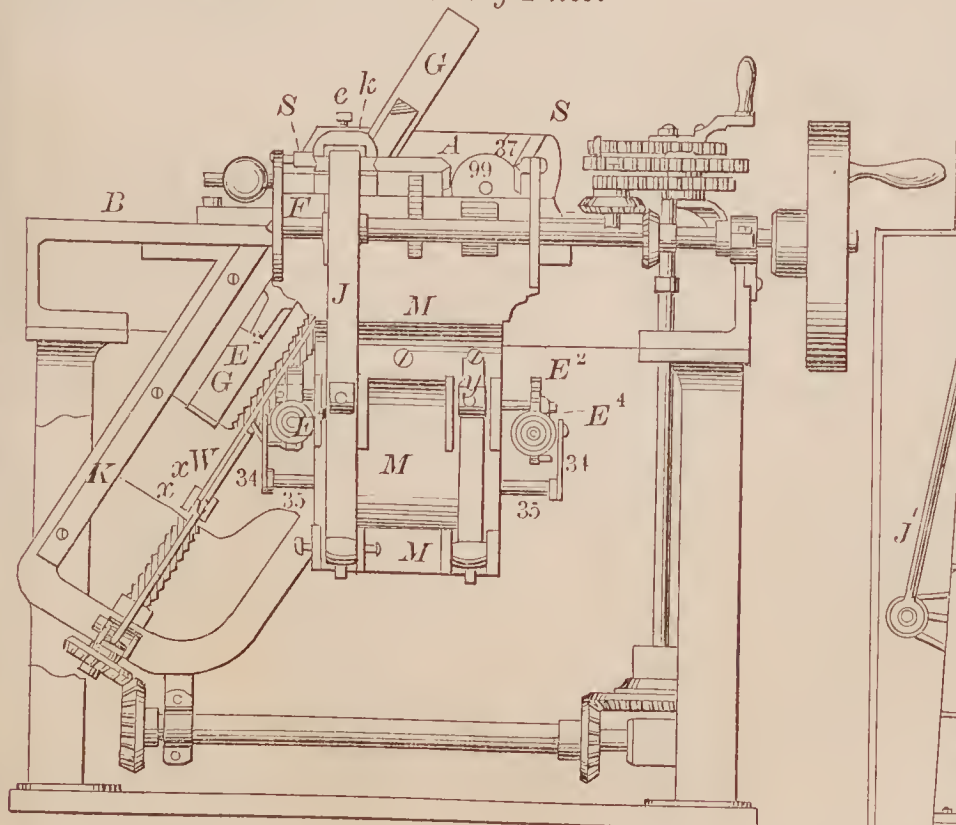
68809—G. L. Turney—*Papering Pins.*



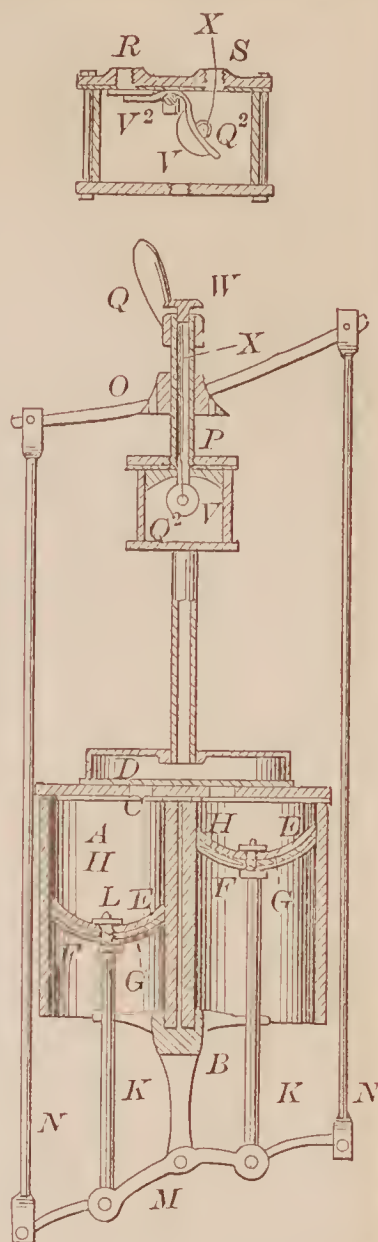
68814—N. B. Wallace—*Watch.*



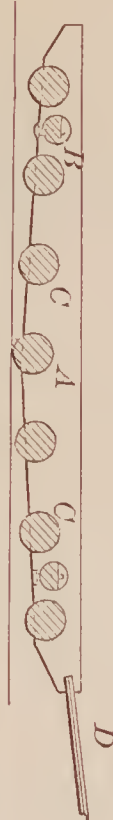
68815—S. Walton—*For Cutting Files.*



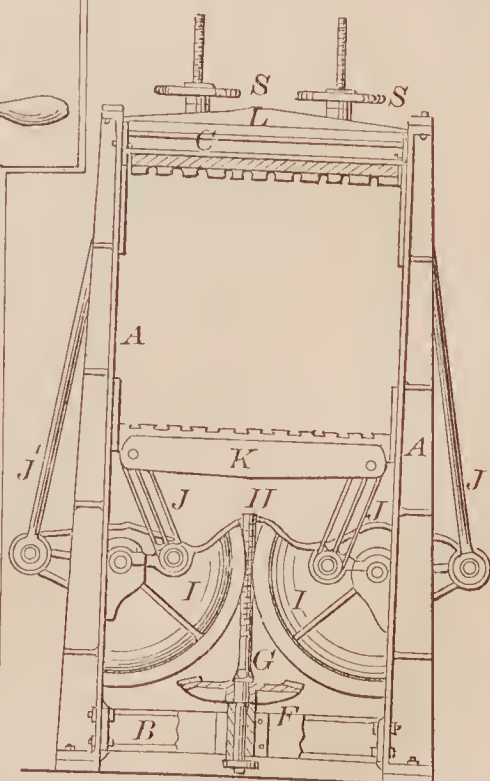
68810—H. Tyler—*Pump.*



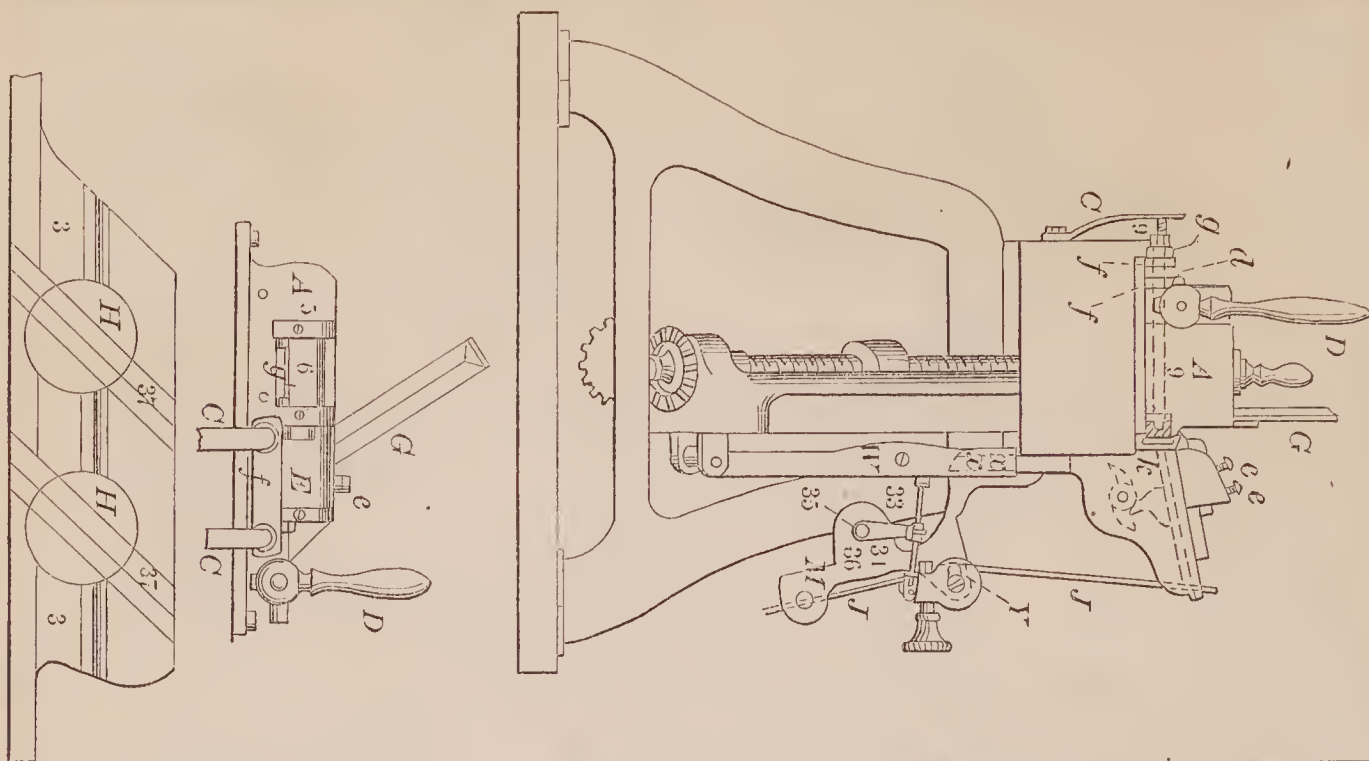
68811—F. Van Doren—*Slide and Friction Roller.*



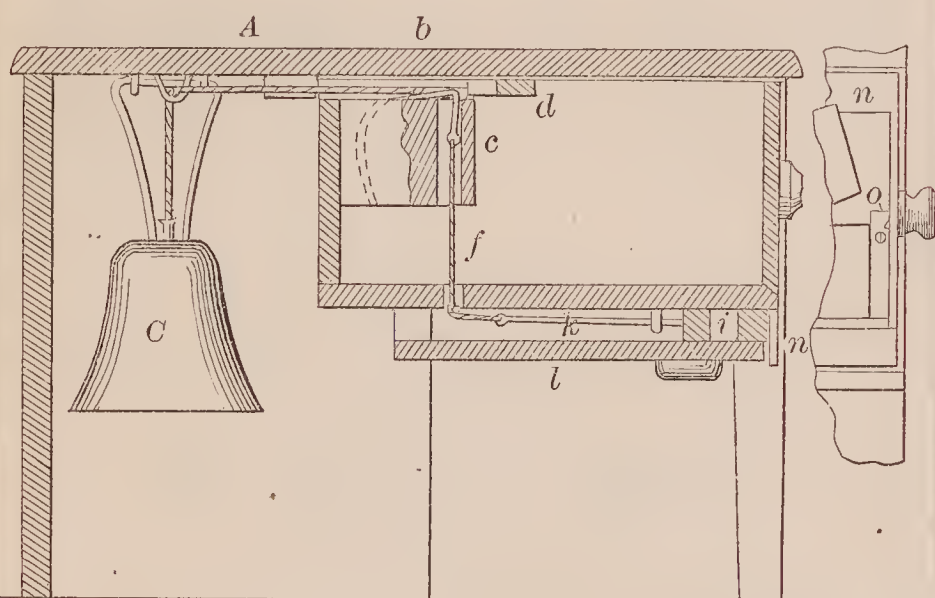
68812—C. P. Wagner—*Press.*



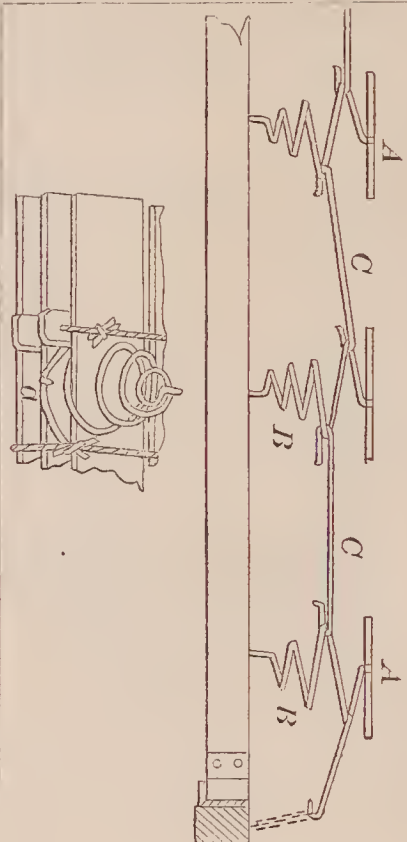
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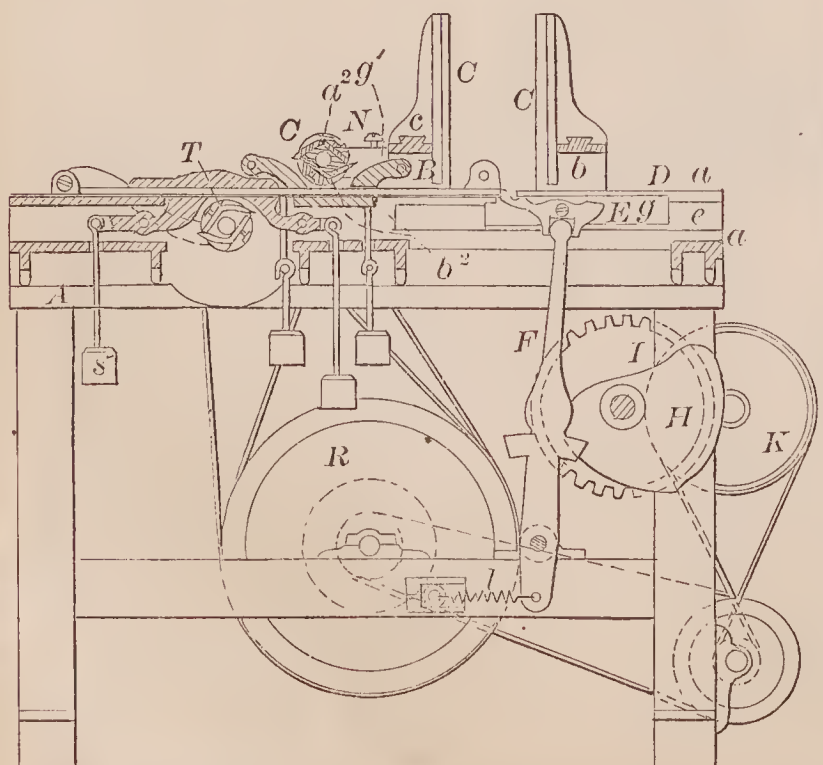
68816—J. H. Weaver—Lock for Money Drawers.



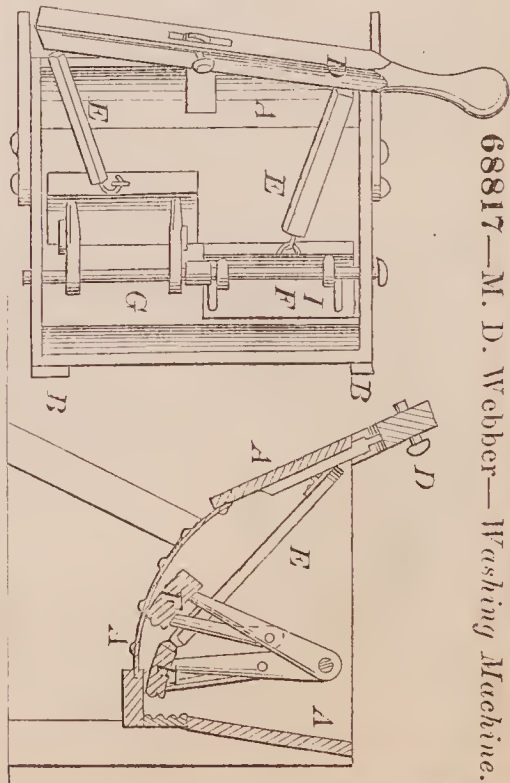
68818—Webster & Ladd—Spring Bed Bottom.



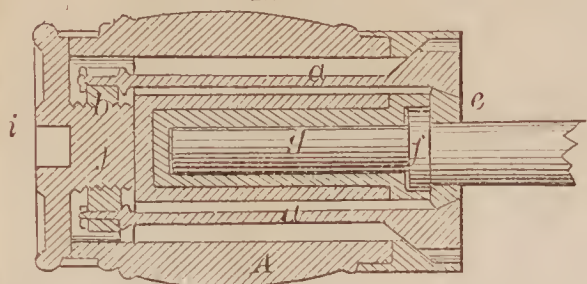
68819—E. Weissenborn—For Making Lead Pencils.



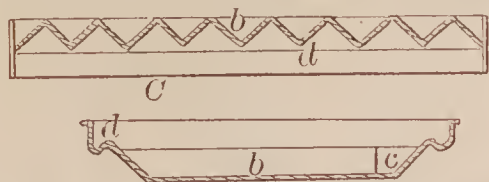
68817—M. D. Webber—Washing Machine.



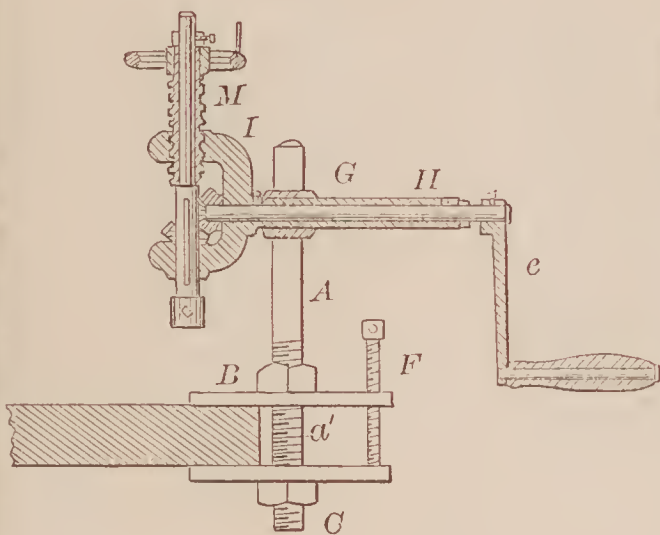
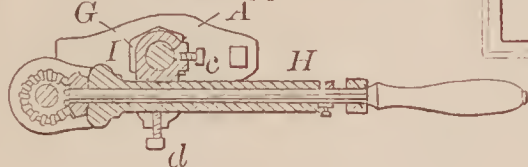
68820—J. F. Welch—Wheel and Axle Connection.



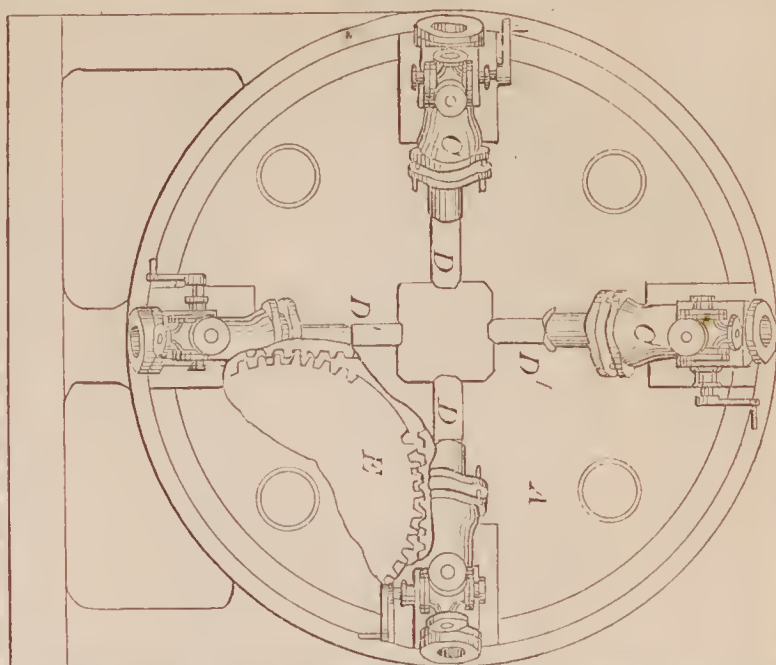
68821—N. Willey—Evaporating Pan.



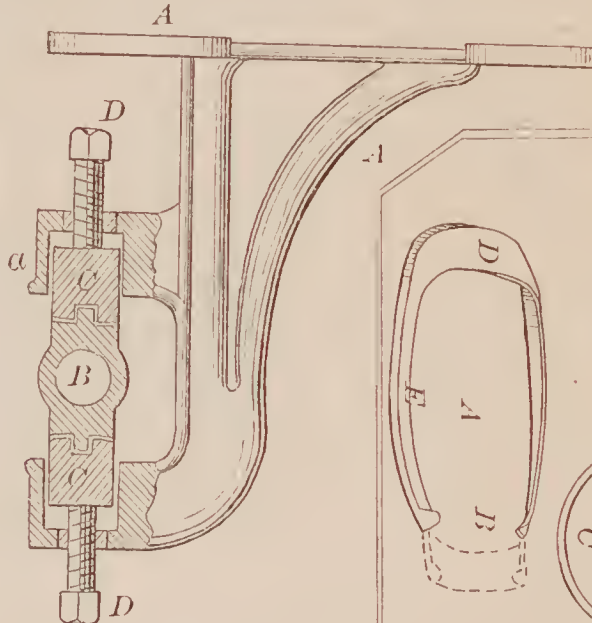
68827—Young & Whipple—Drill.



68824—Wrightington & Rider—Horse Shoe Nail Machine.



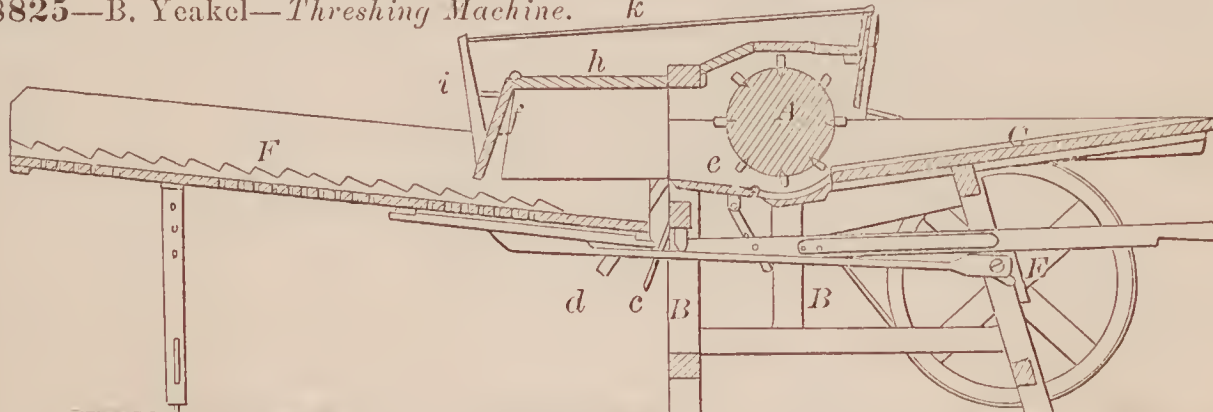
68826—J. Yocom, Jr.—Hanger for Shafting.



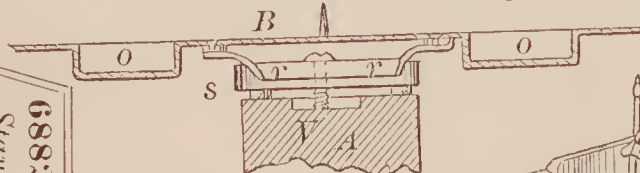
68822—E. W. Woodruff—Over Sole for Boots and Shoes.



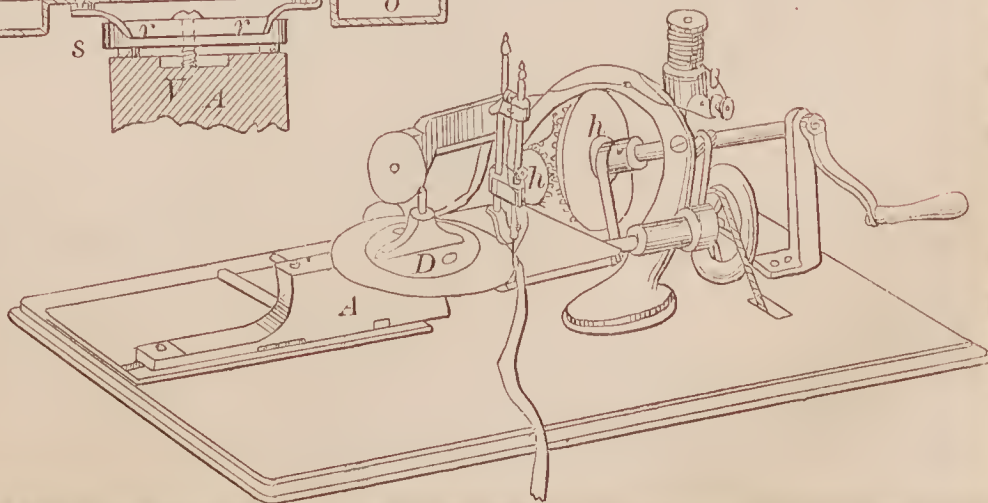
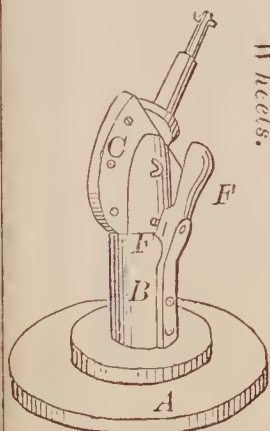
68825—B. Yeakel—Threshing Machine.

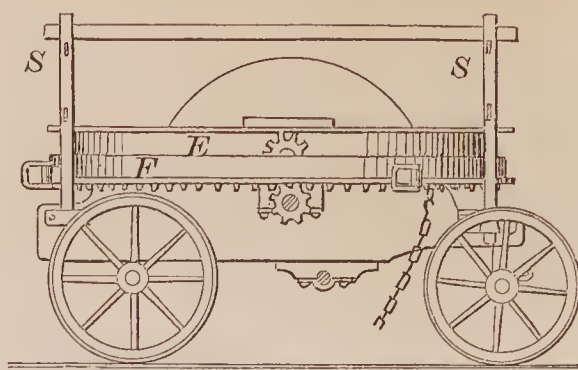
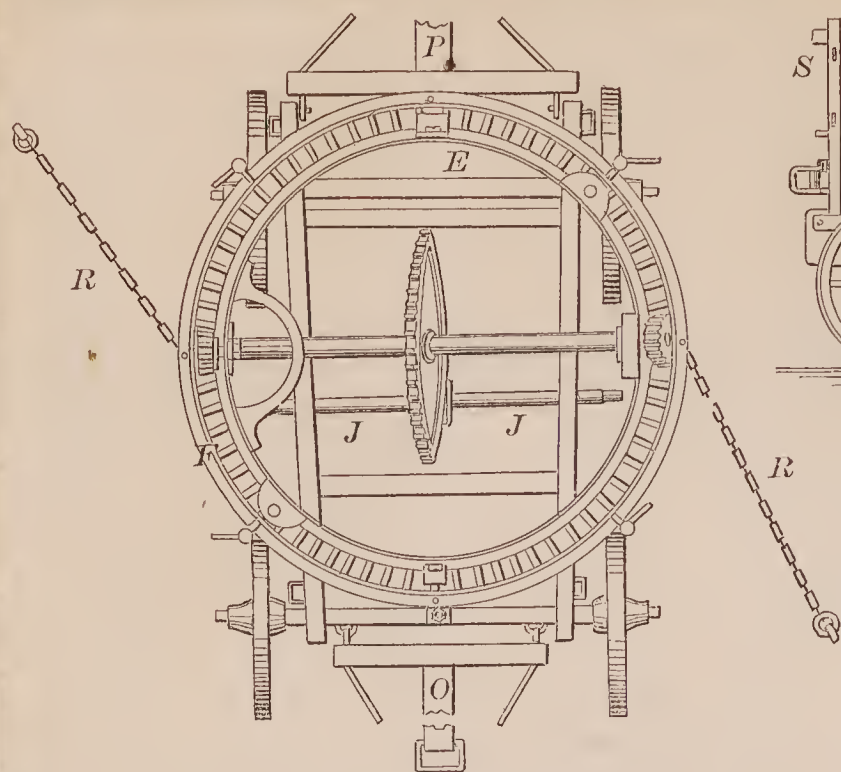
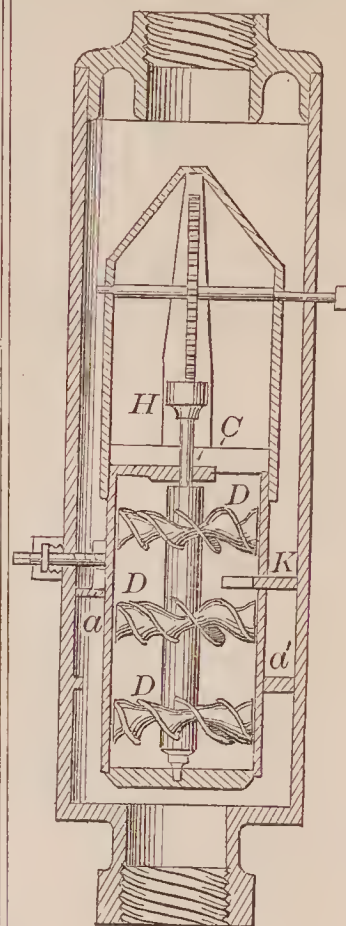
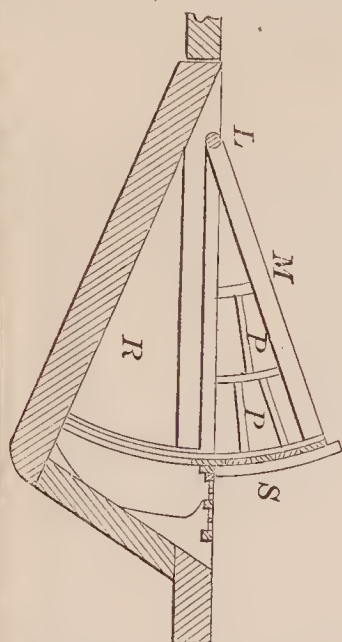
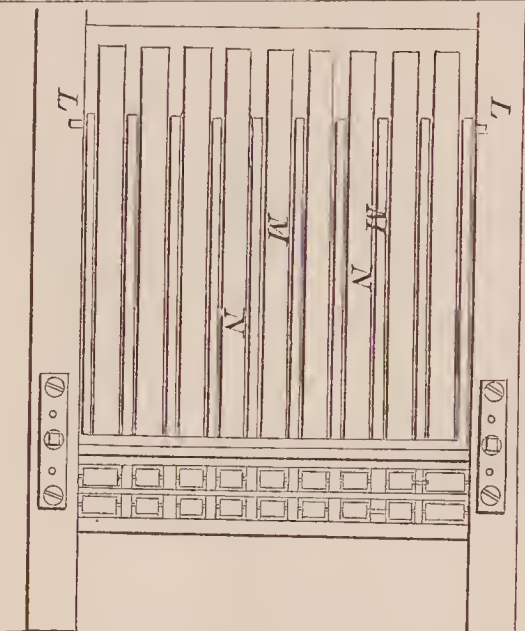
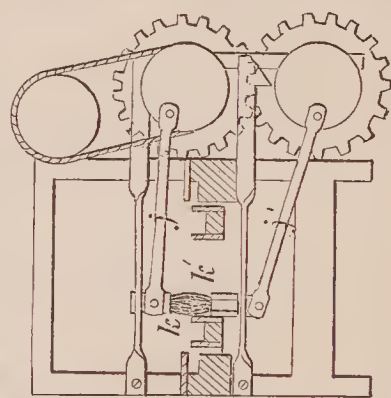
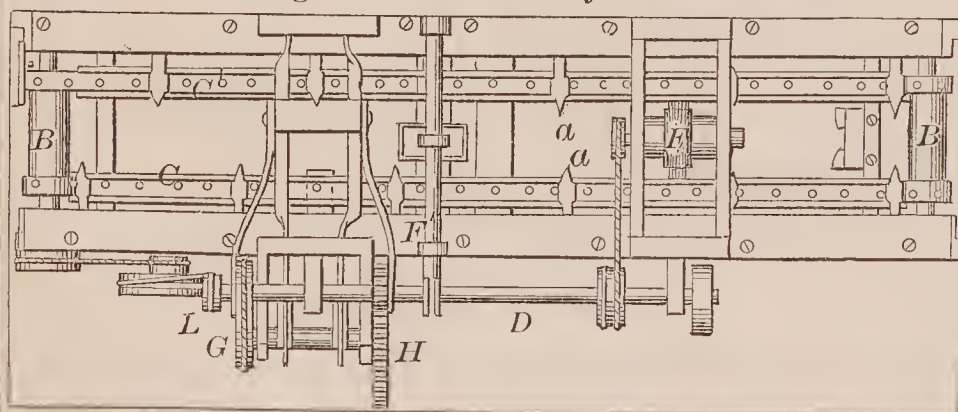
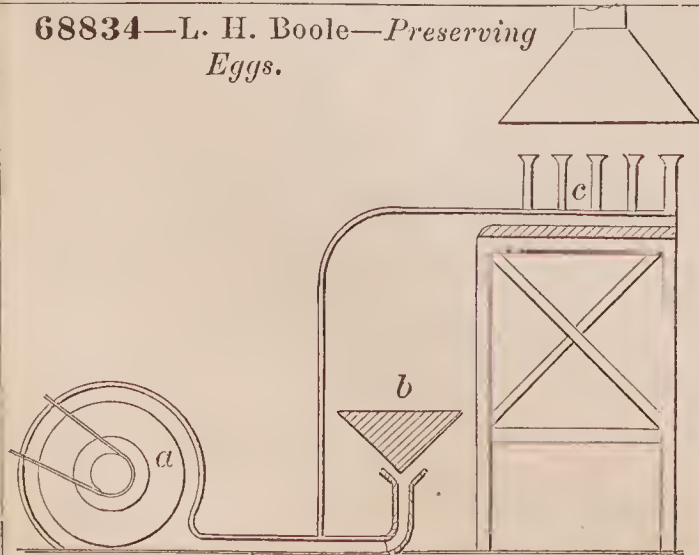
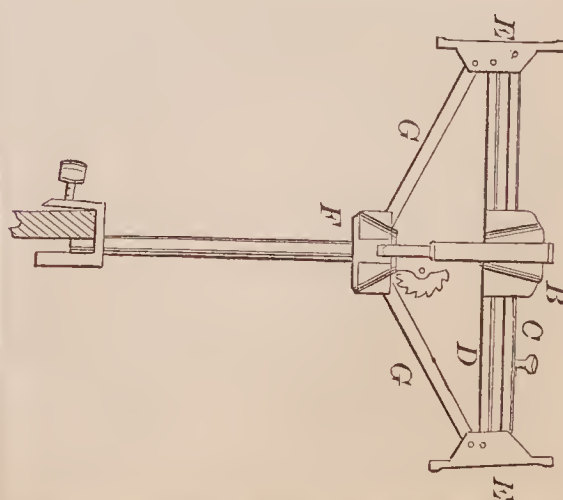


68828—A. Judson—For Sewing Oval Seams.

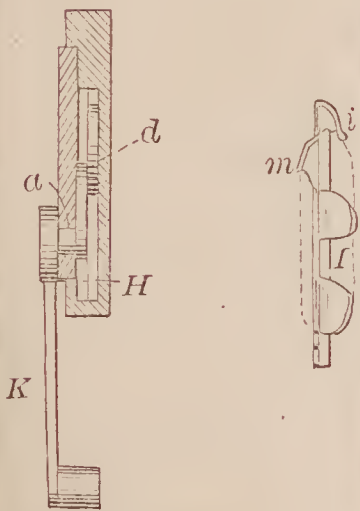
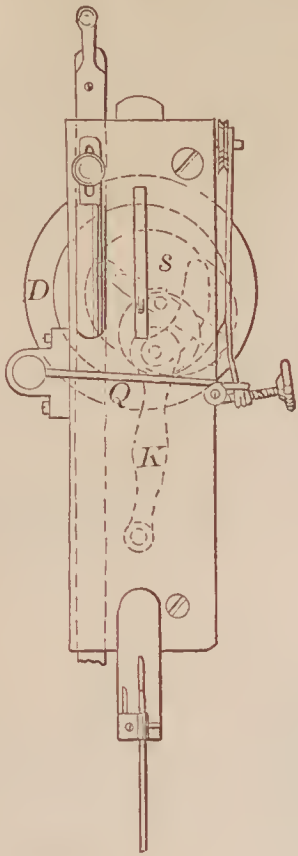


68823—J. N. Woodward—Stand for Supporting Wagon Wheels.

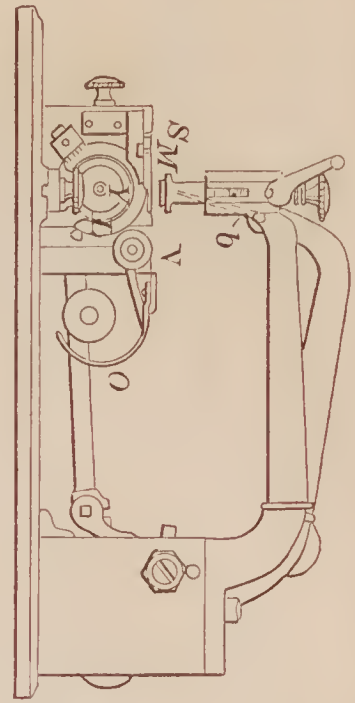
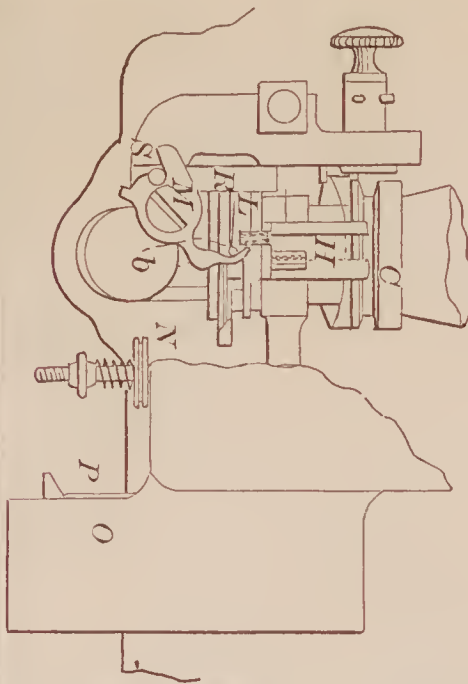


68829—H. Aldridge—*Portable Horse Power*68830—R. H. Atwell—*Liquid Meter*.68833—M. Bishop—*Canal Lock*.68832—A. E. Bigelow—*For Dressing Weavers' Harness*.68834—L. H. Boole—*Preserving Eggs*.68831—F. A. Balch—*Reel*.

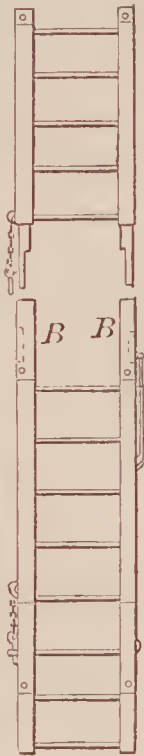
68835—C. F. Bosworth—*Sewing Machine.*



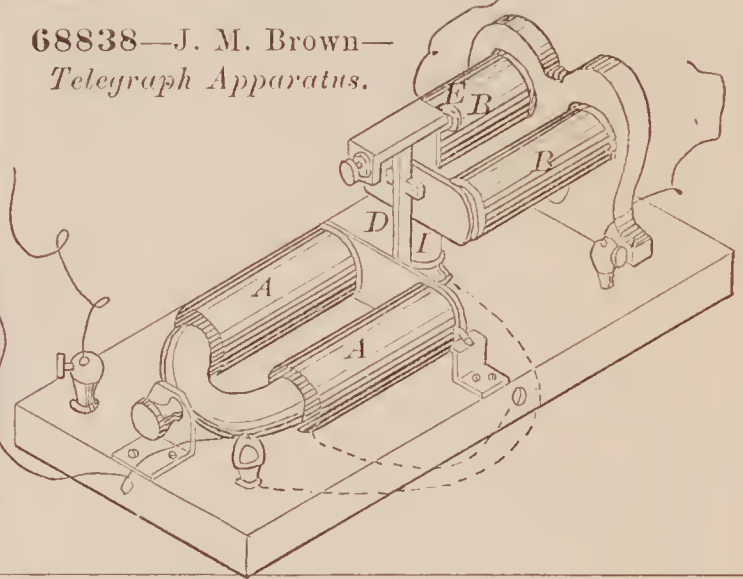
68839—L. B. Bruen—*Sewing Machine.*



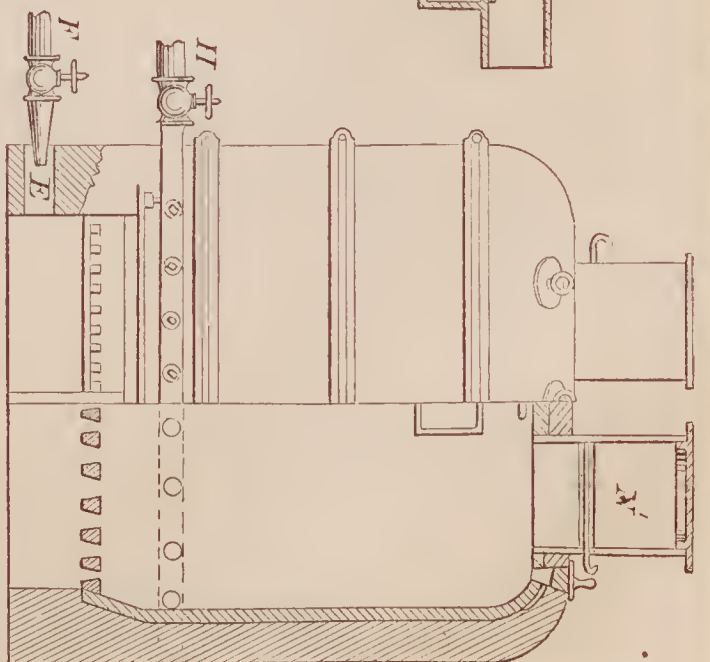
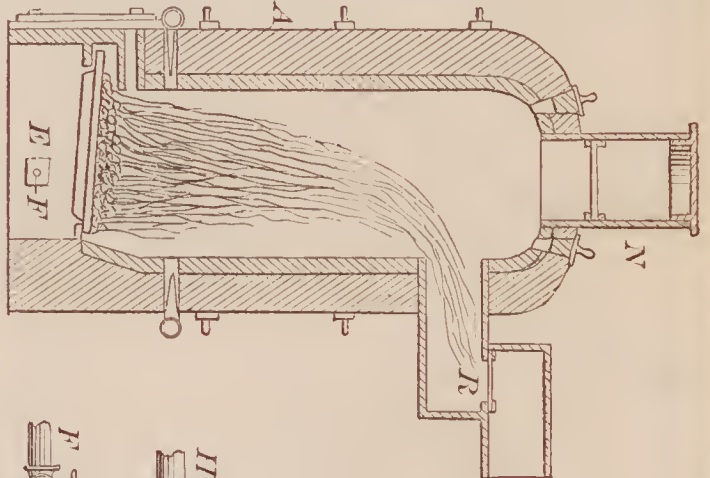
68836—M. D. Boyd—*Ladder.*



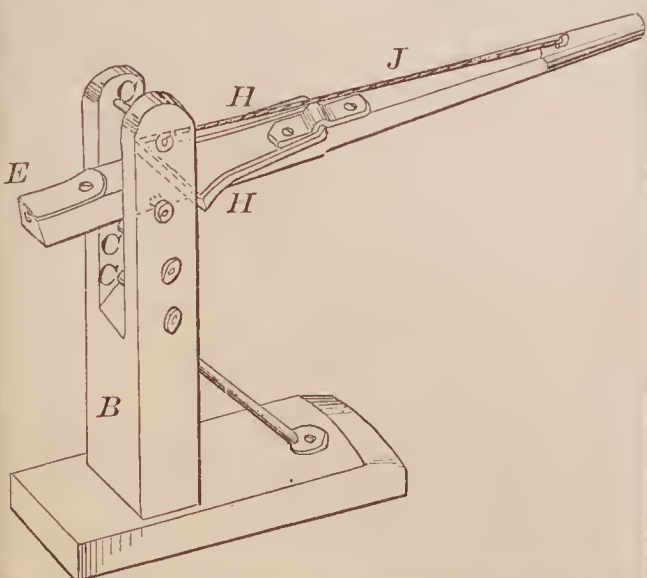
68838—J. M. Brown—*Telegraph Apparatus.*

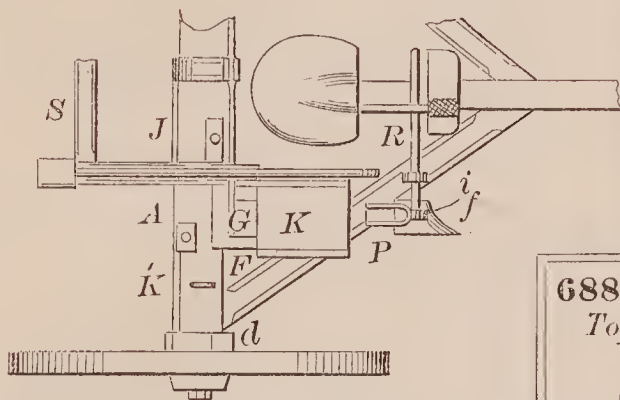
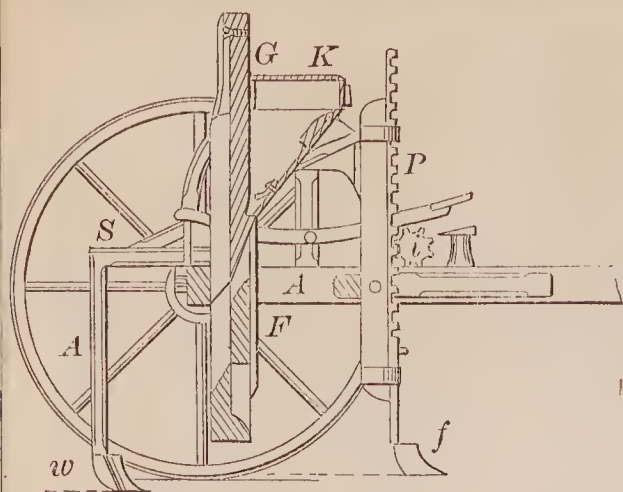
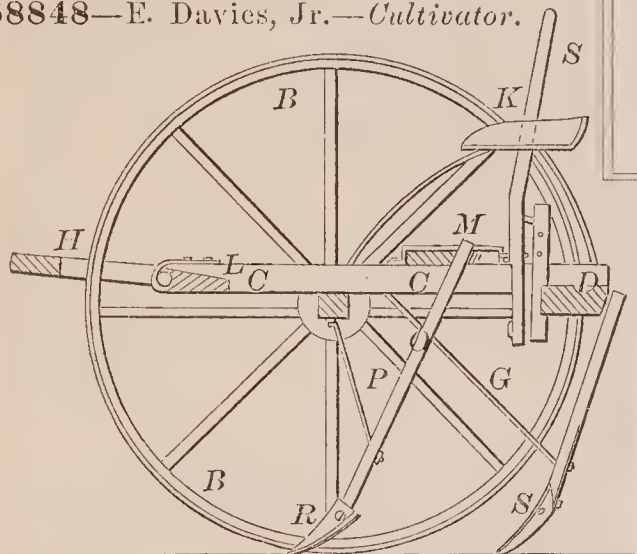
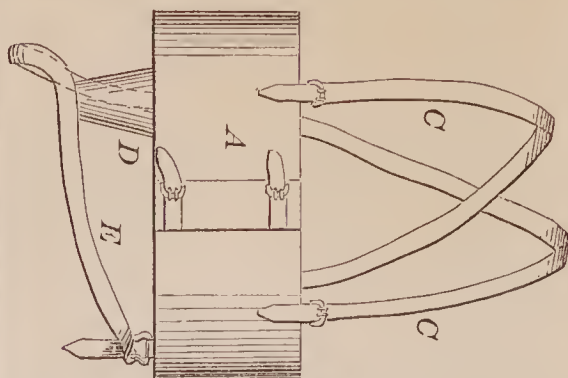
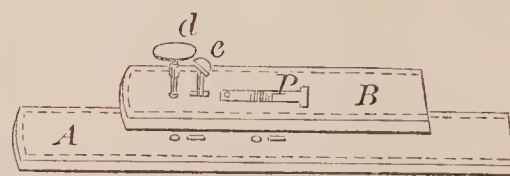
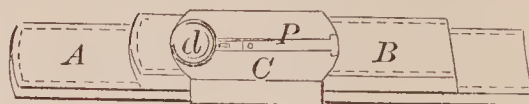
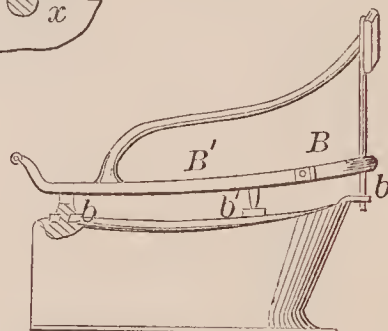
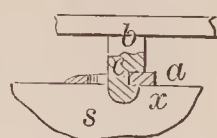
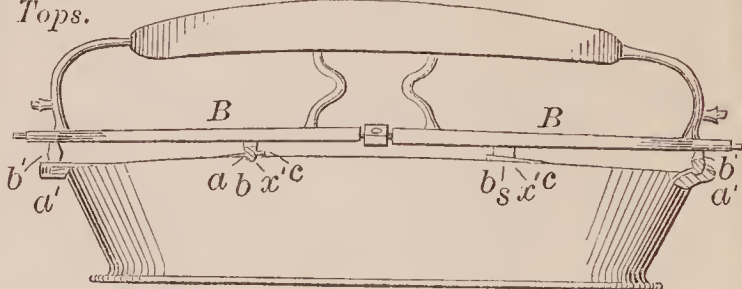
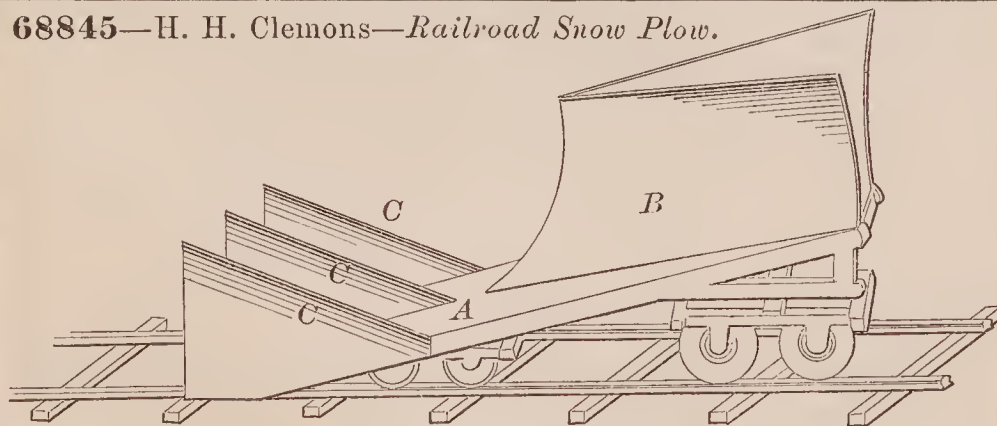
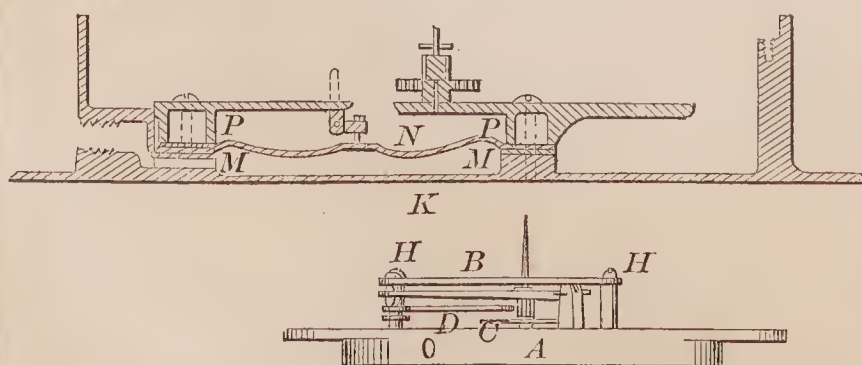
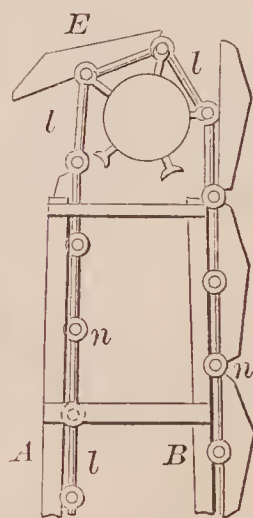
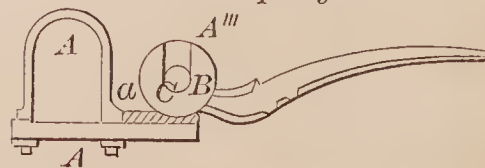


68840—J. H. Burgin—*Producing Gas for Fuel.*

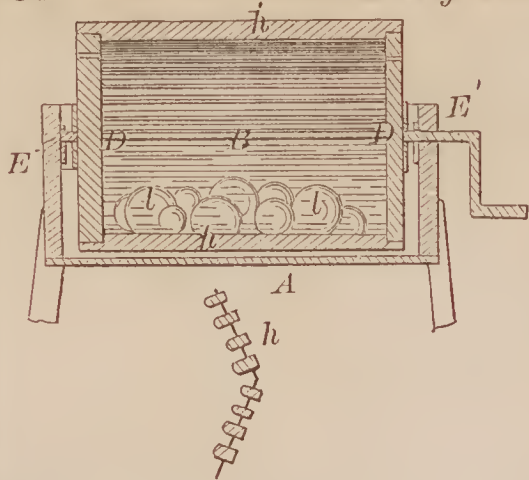


68837—A. C. Brinser—*Lifting Jack.*

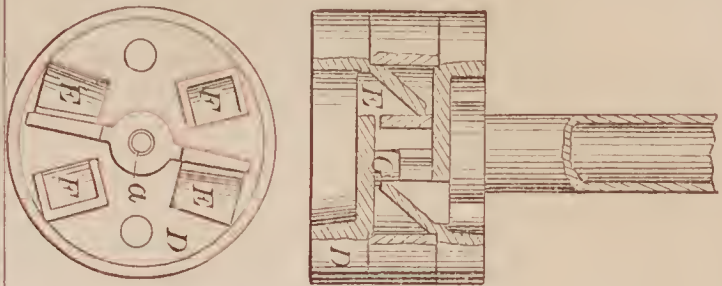


68841—R. & J. L. Cassaday—*Corn Planter.*68848—E. Davies, Jr.—*Cultivator.*68842—R. H. Champlin—*Truss.*68846—W. H. Cocks—*Harness Buckle.*68843—P. G. Clancy—*Shifting Rail for Carriage Tops.*68845—H. H. Clemons—*Railroad Snow Plow.*68849—G. M. Davis—*Steam Gauge.*68847—P. K. Curll—*Water Elevator.*68844—L. C. Clark—*Thill Coupling.*

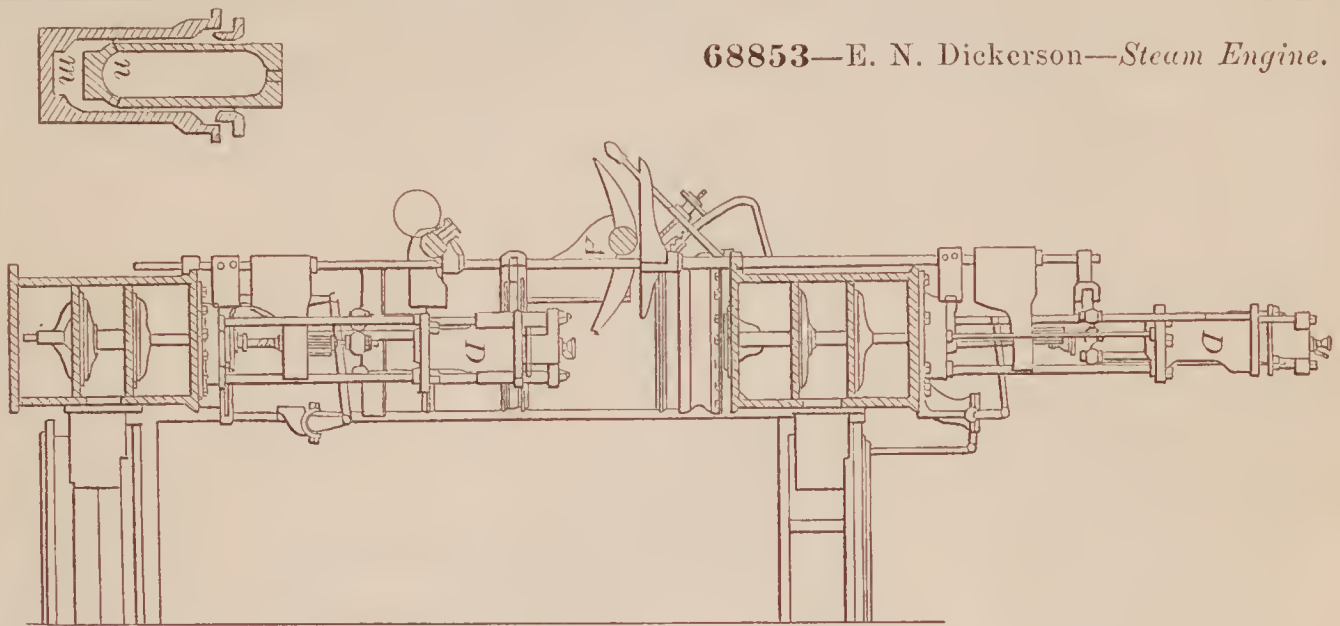
68851—A. Denison—*Washing Machine.*



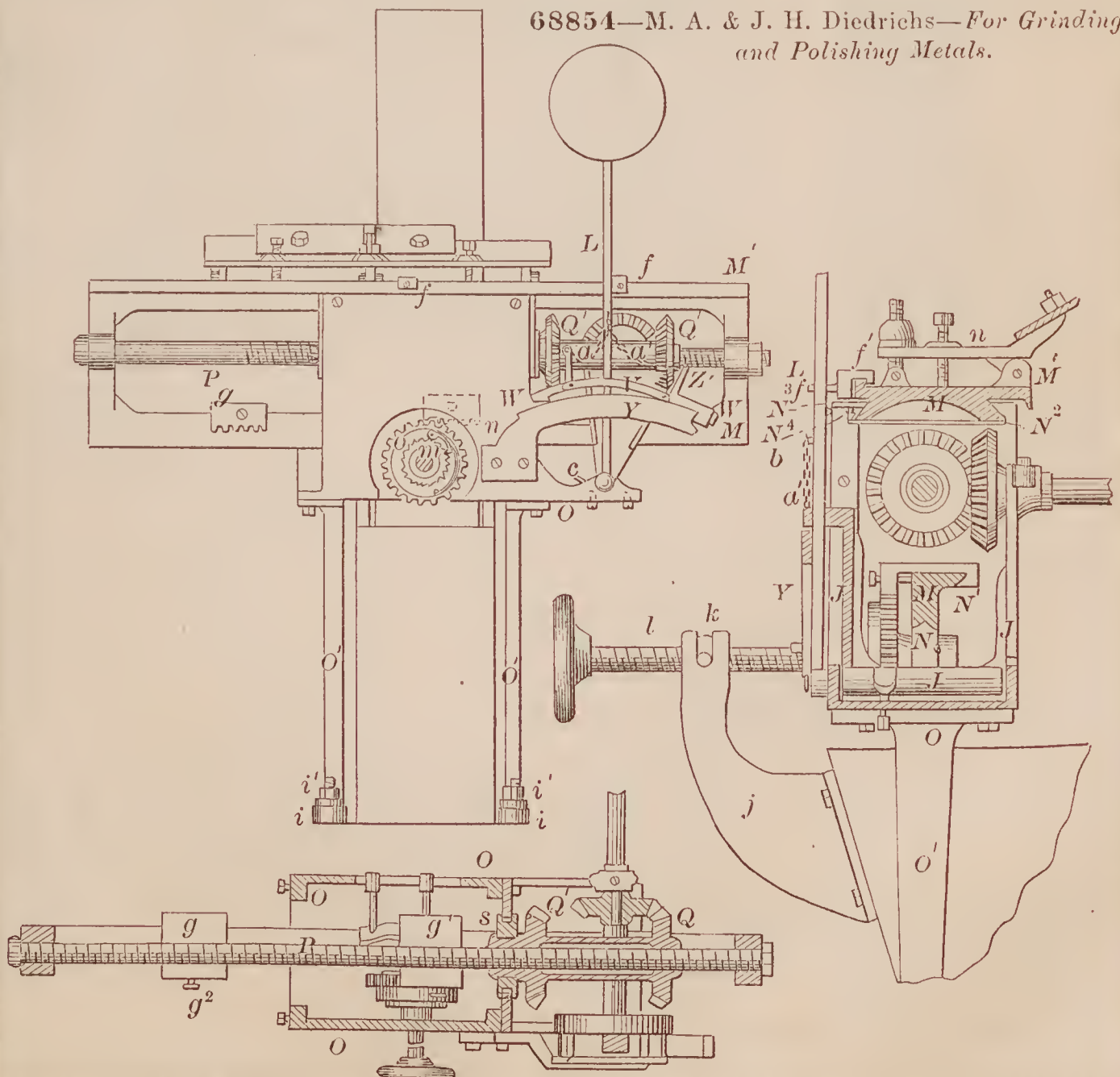
68852—W. E. Derrick—*Pump Piston.*

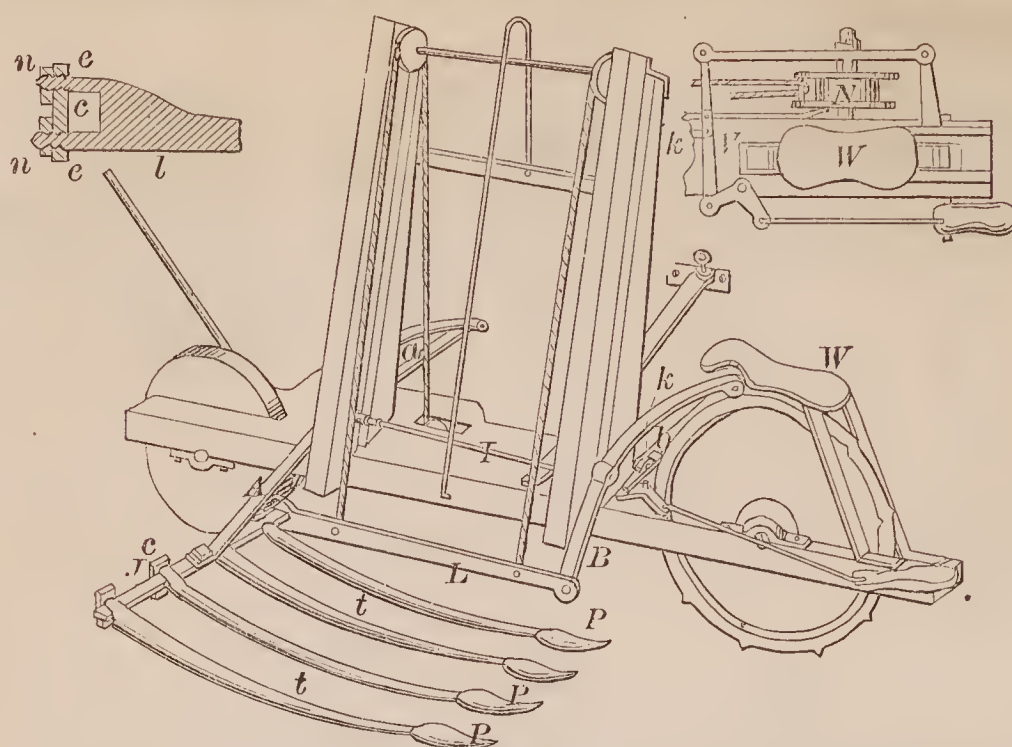
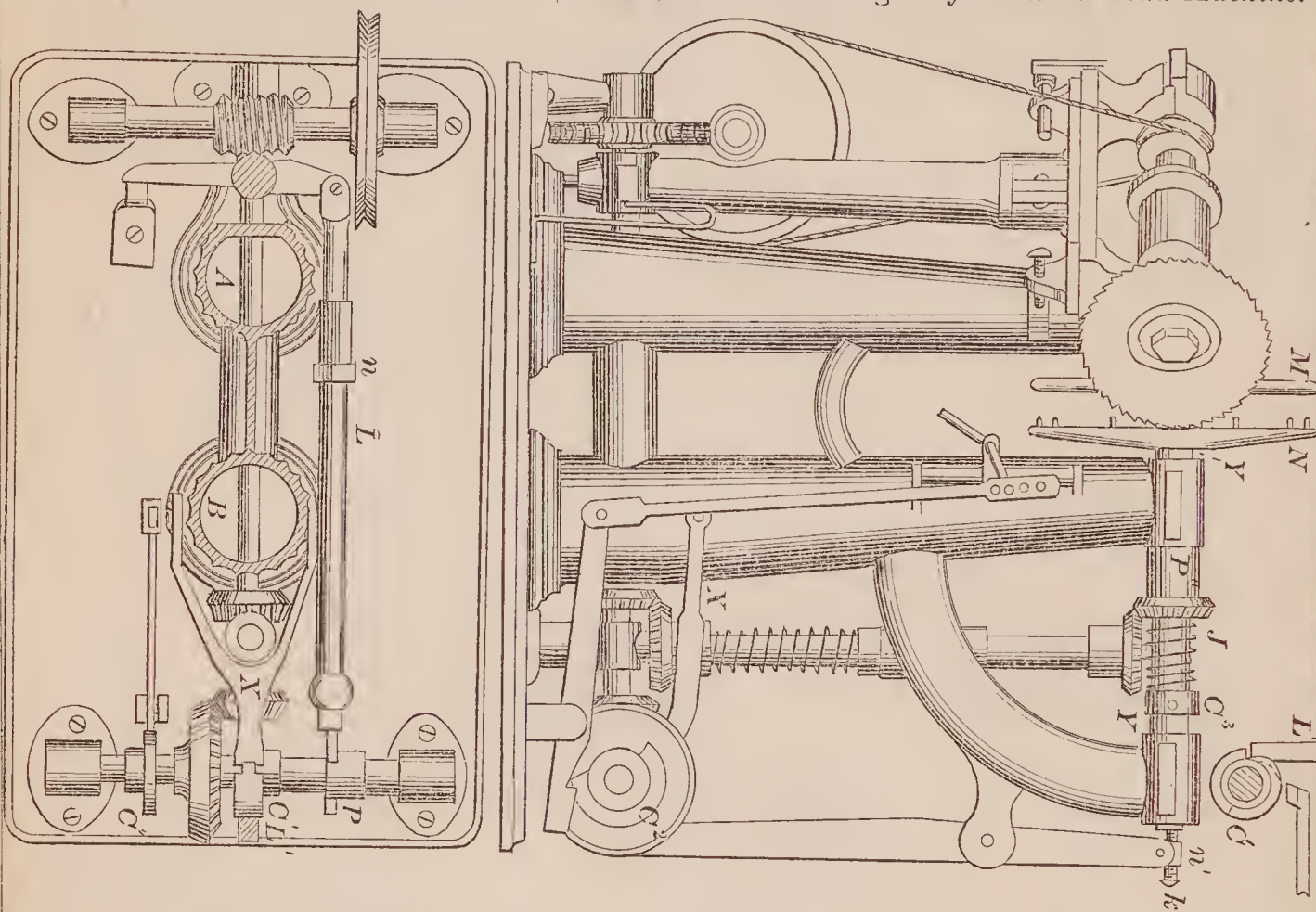
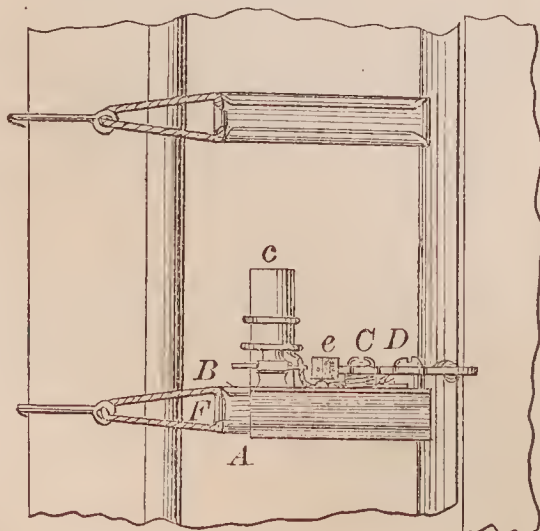
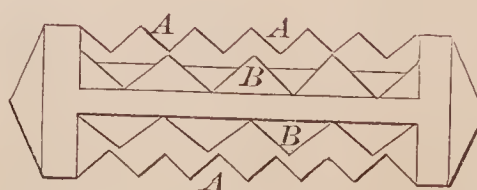


68853—E. N. Dickerson—*Steam Engine.*

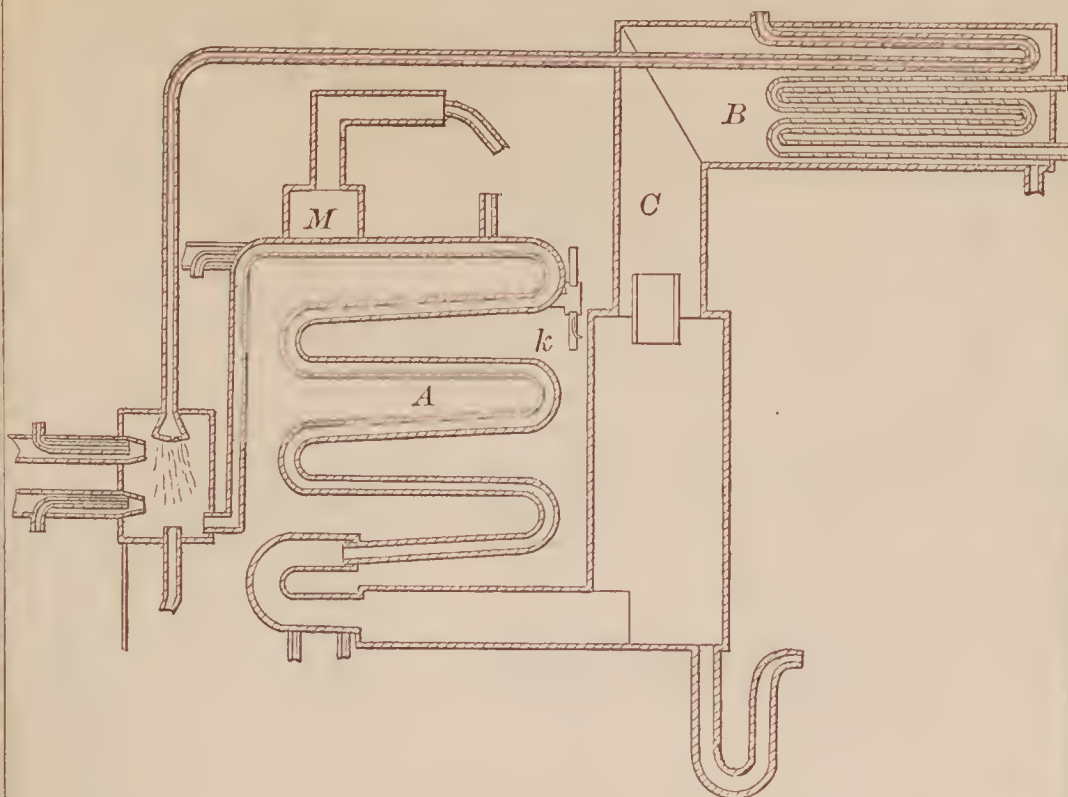


68854—M. A. & J. H. Diedrichs—*For Grinding and Polishing Metals.*

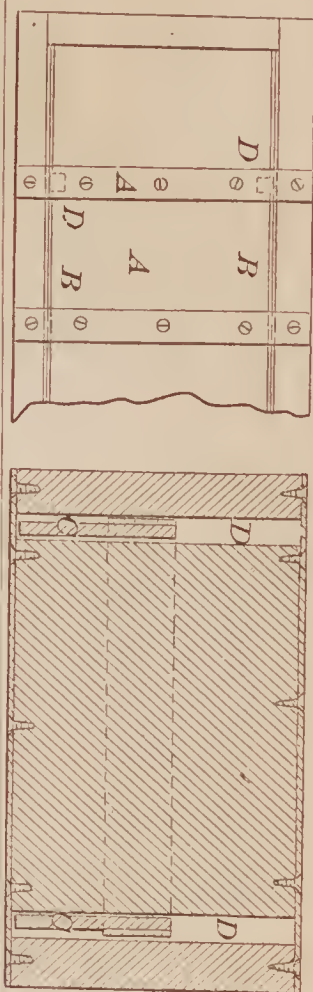


68855—M. A. Dilley—*Hay Loader.*68856—J. B. Dougherty—*Barrel Head Machine.*68857—C. A. Eaton—*Burglar Alarm.*68859—N. T. Edson—*Cotton Bale Tie.*

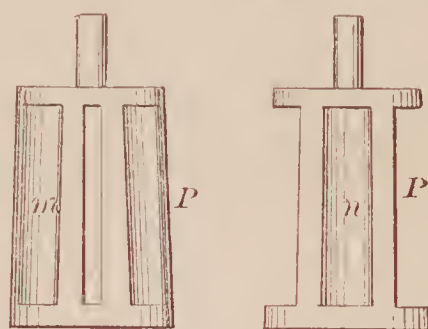
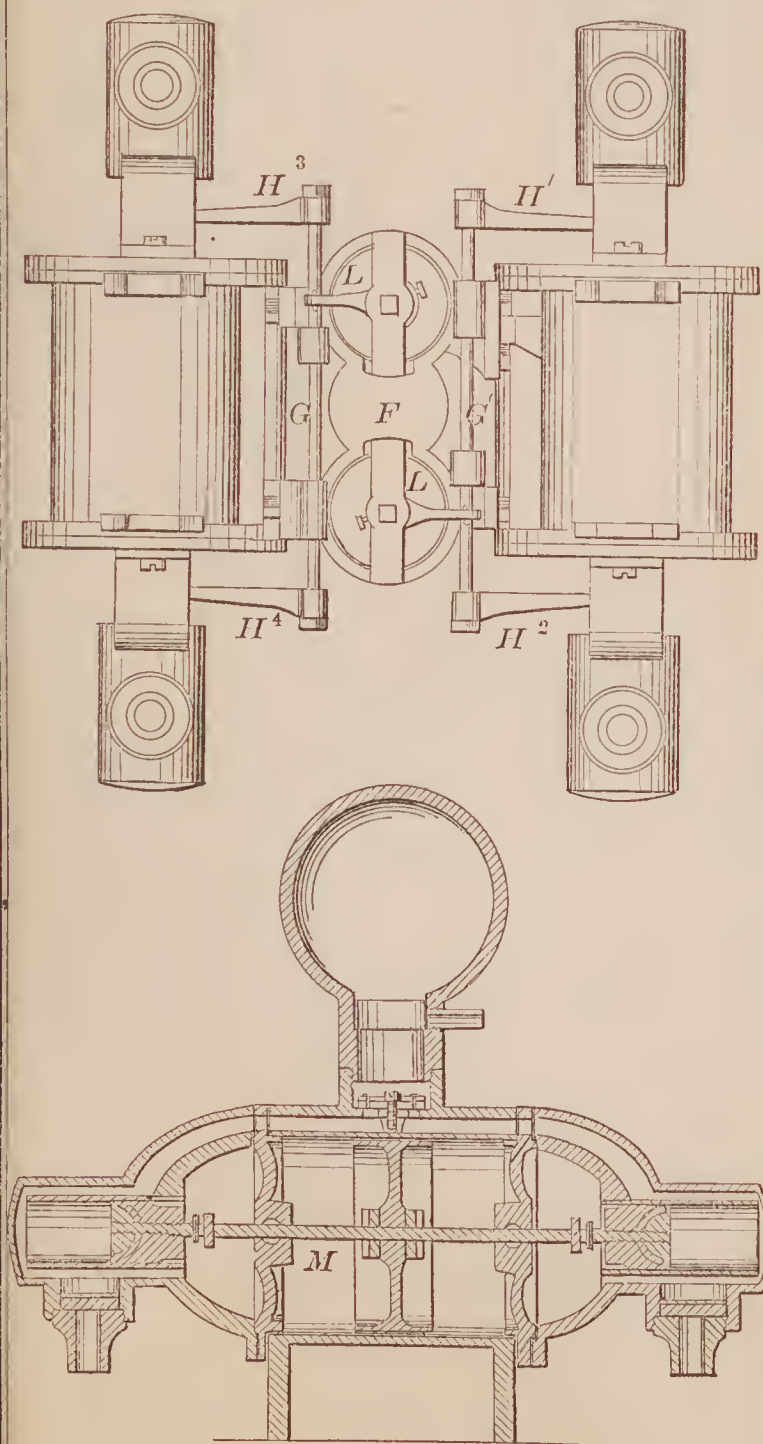
68860—Ellis & Kattell—For Distilling and Refining Oils, &c.



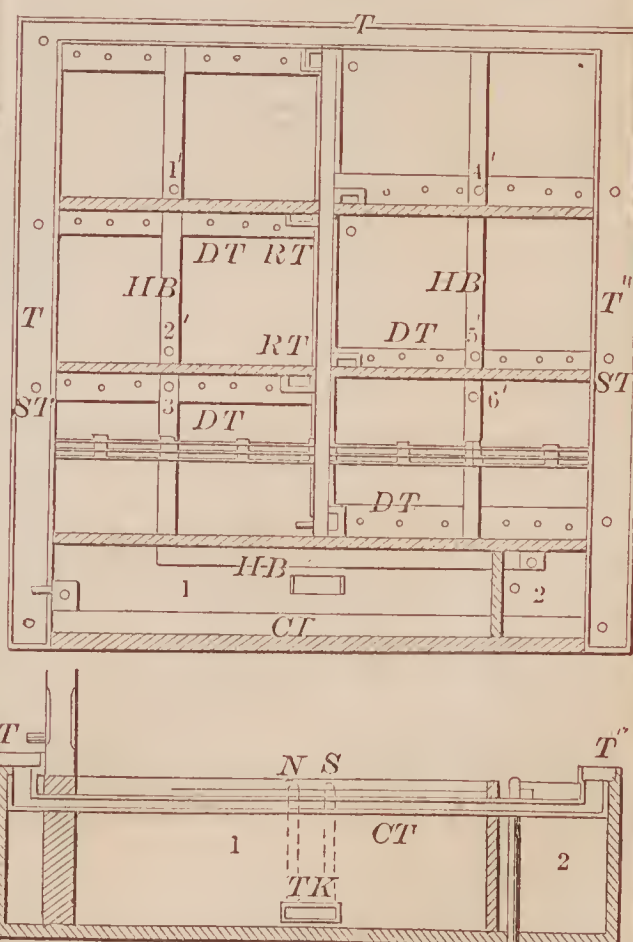
68862—J. Evans—Brick Mould.



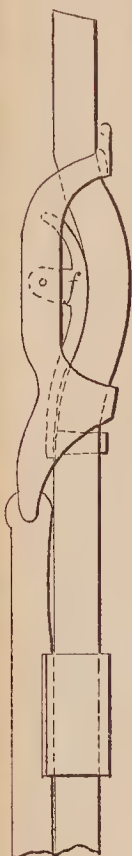
68863—M. Everett—Hydraulic Engine.



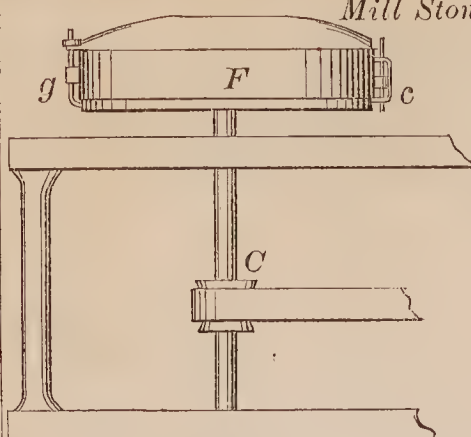
68861—L. C. England—Tannery.



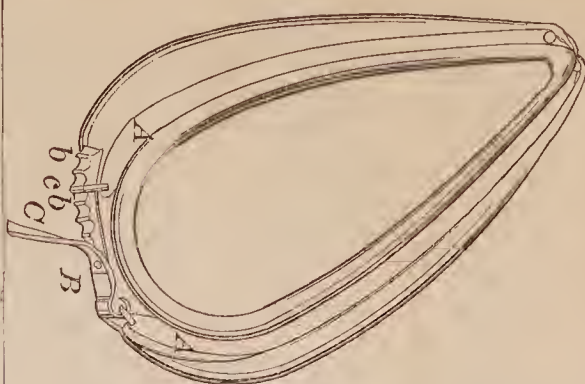
68864—O. Finch—Trace Buckle.



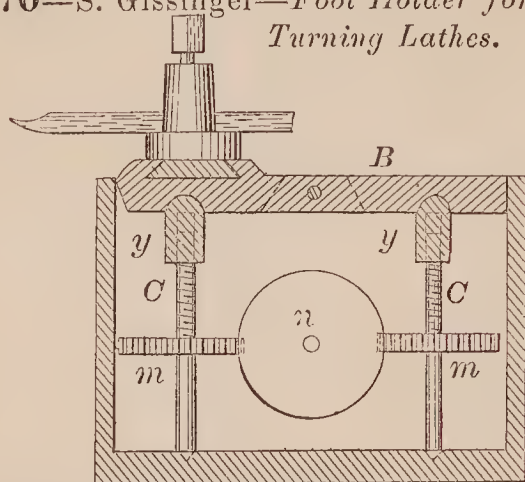
68865—J. Foley—Balancing Mill Stone.



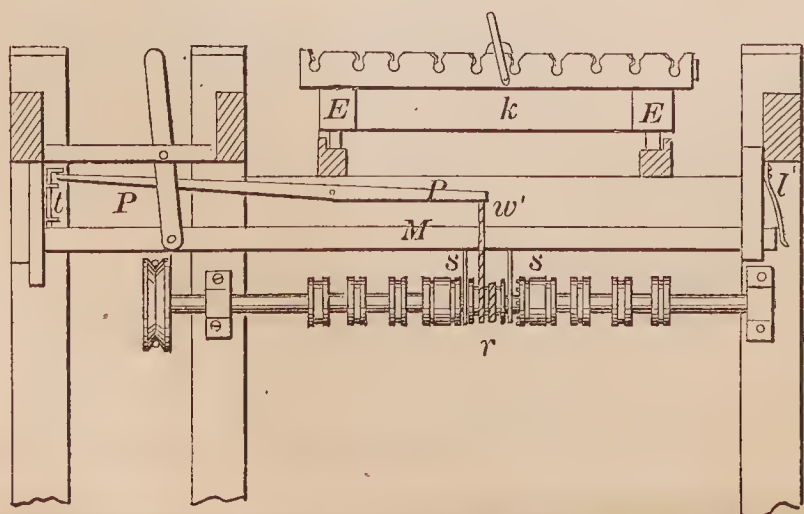
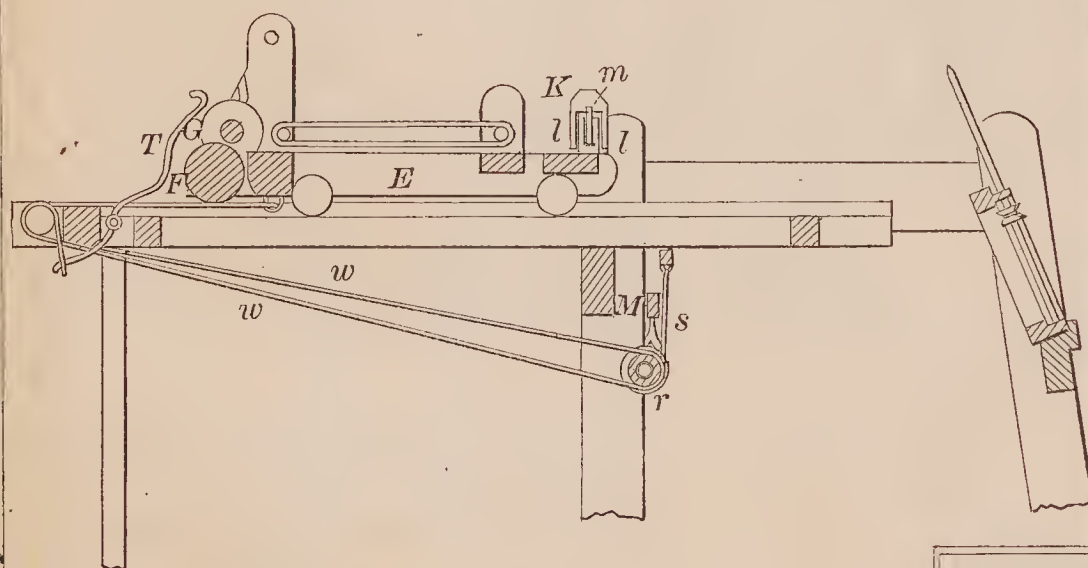
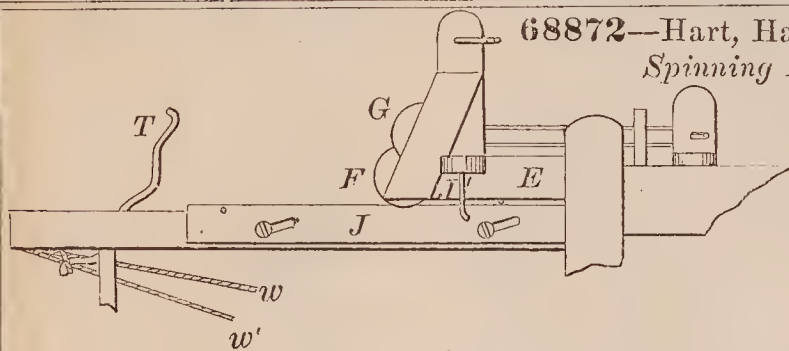
68866—A. J. Foster—Hame Fastener.



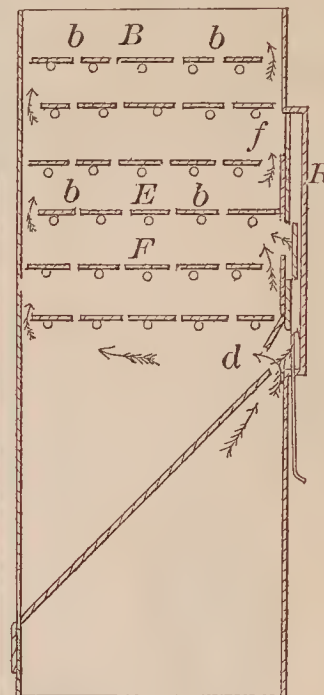
68870—S. Gissinger—Foot Holder for Turning Lathes.



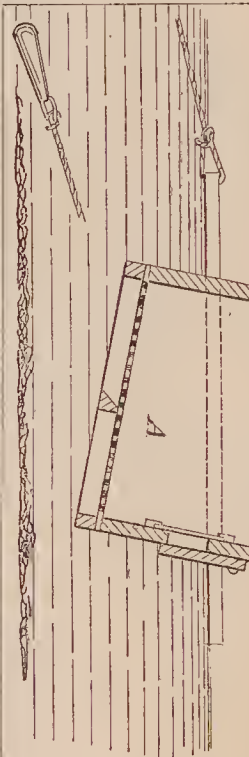
68872—Hart, Hart & Reesman—Spinning Machine.



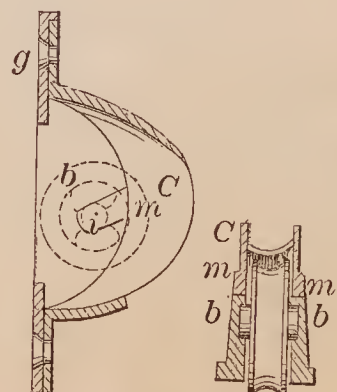
68869—J. Geemen—Malt Kiln.



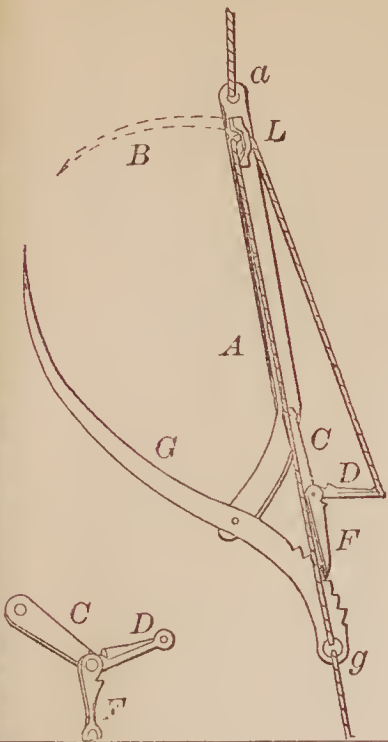
68871—S. Green—For Hatching the Spawn of Fishes.



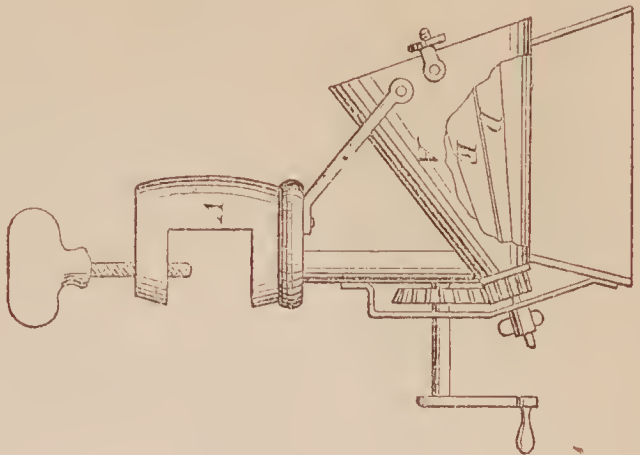
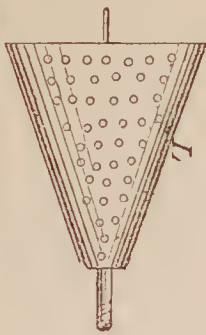
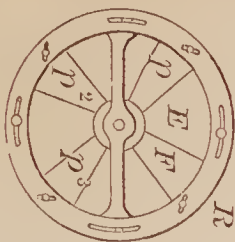
68868—O. S. Garretson—Window Pulley.



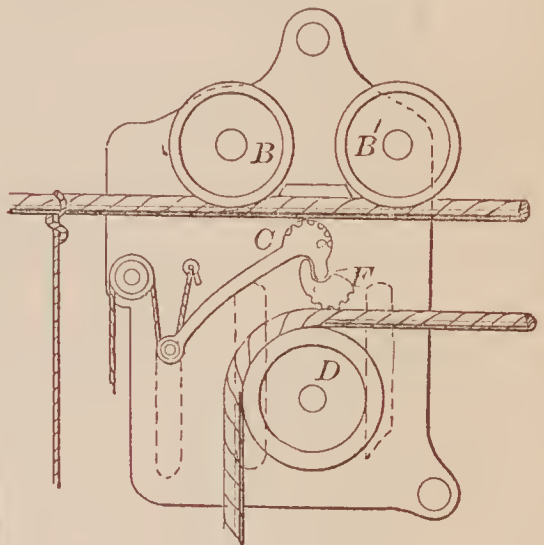
68873—L. Haverstick—*Horse Hay Fork.*



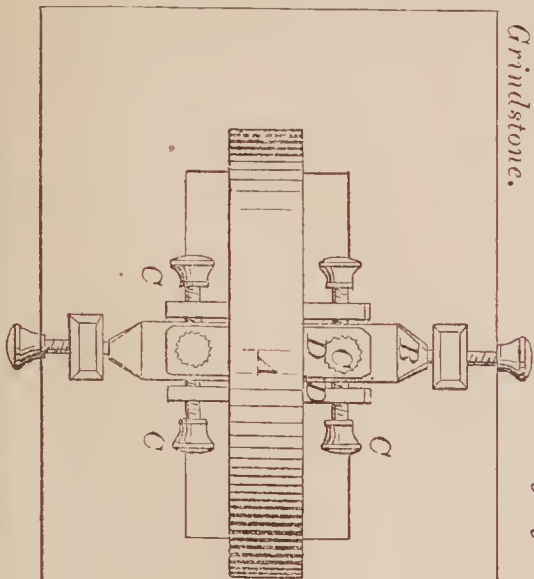
68877—T. G. Höfer—*Vegetable Slicer and Grater.*



68874—W. H. Hawley—*Elevating Block.*



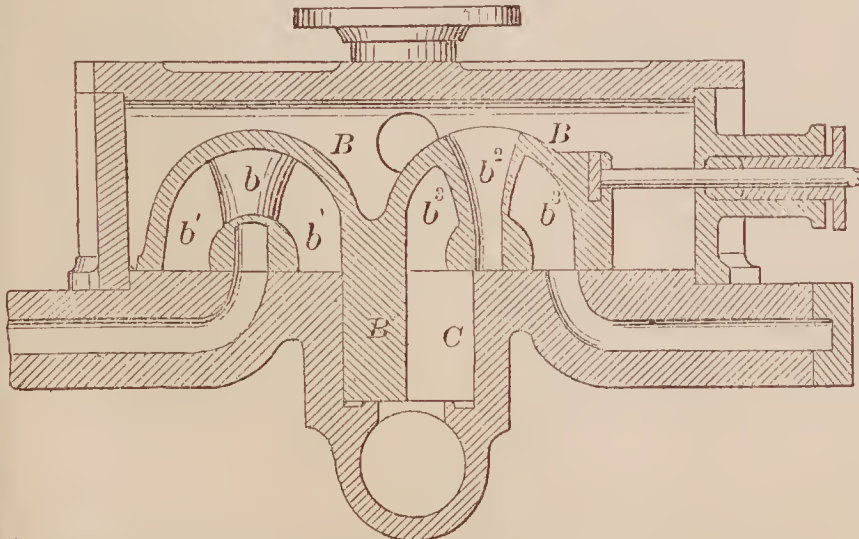
68876—D. B. Herrinton—*Hanging Grindstone.*



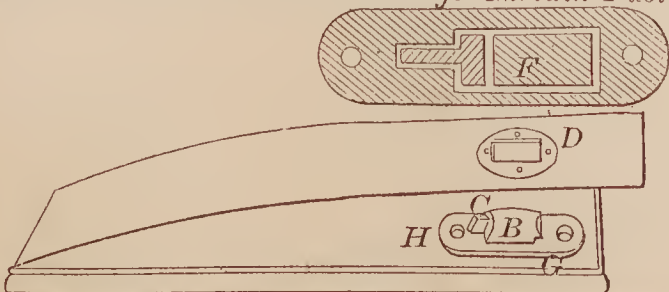
68878—J. A. Howe—*Cant Hook.*



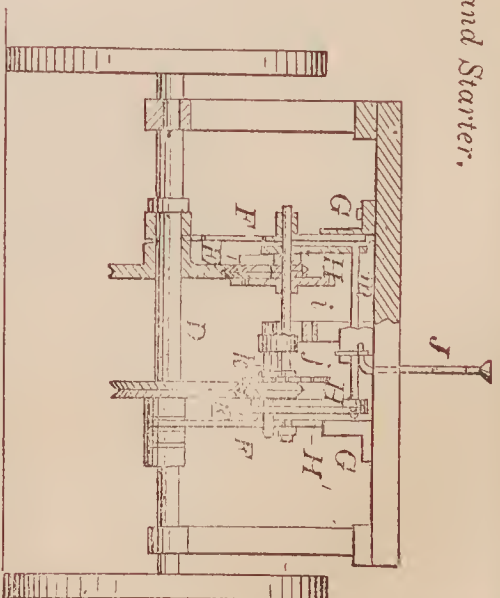
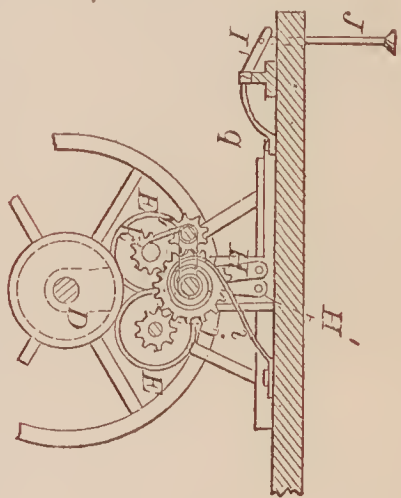
68879—S. W. Hudson—*Steam Engine Slide Valve.*

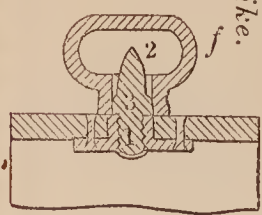
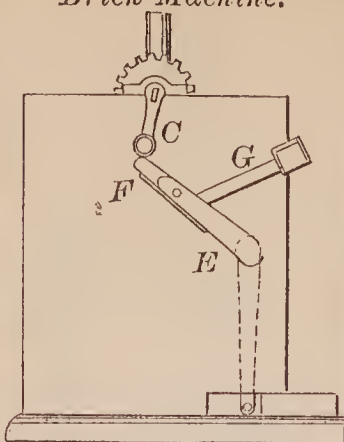
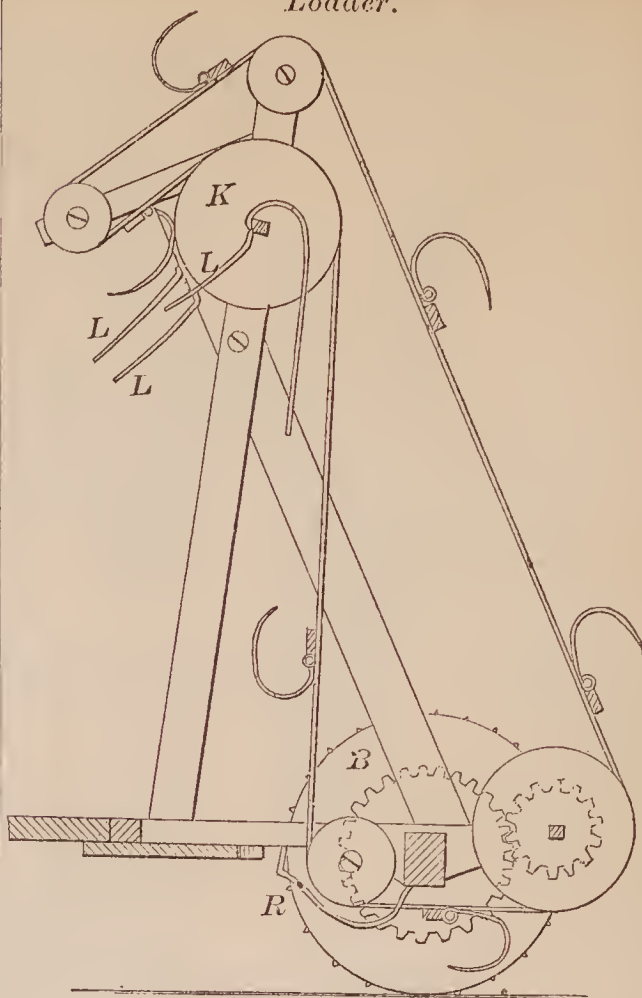
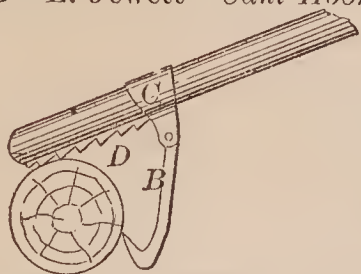
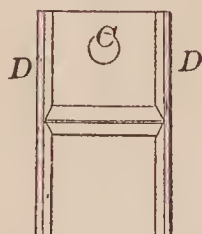
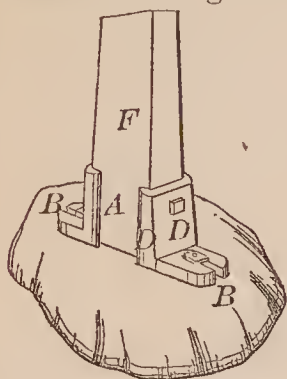
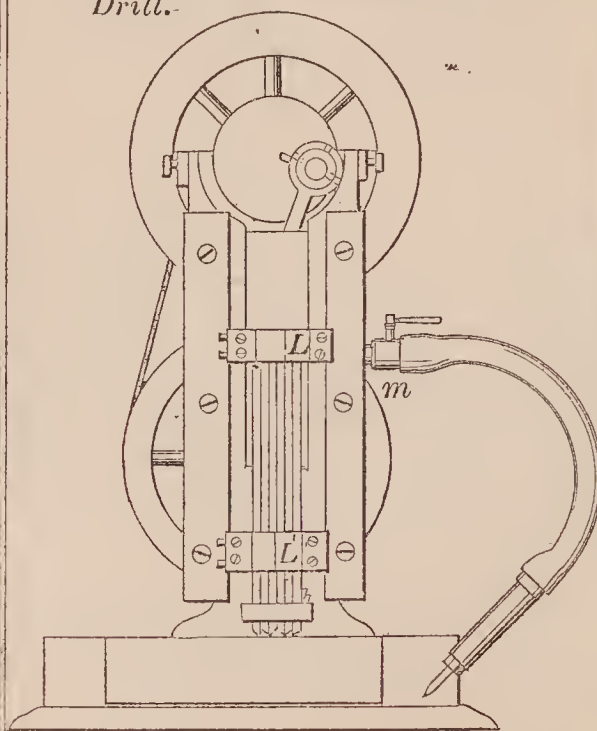
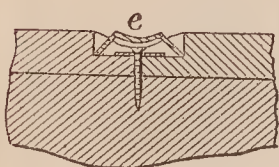
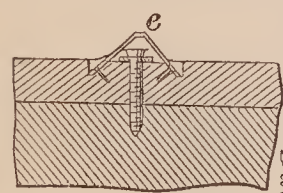
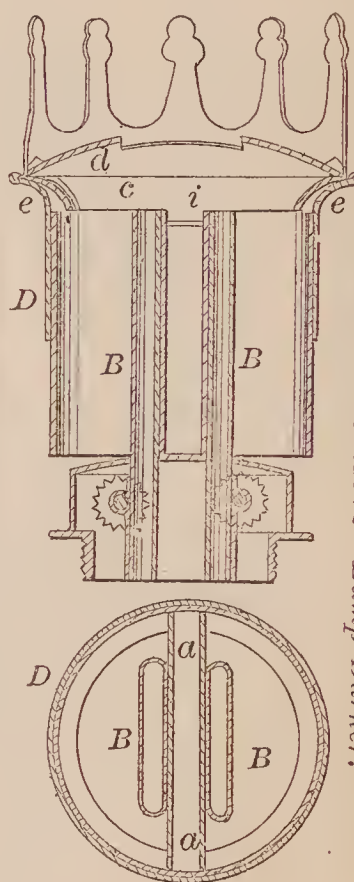
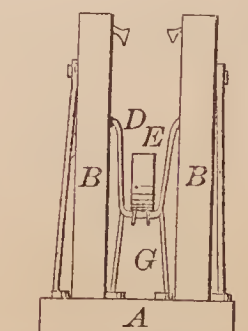
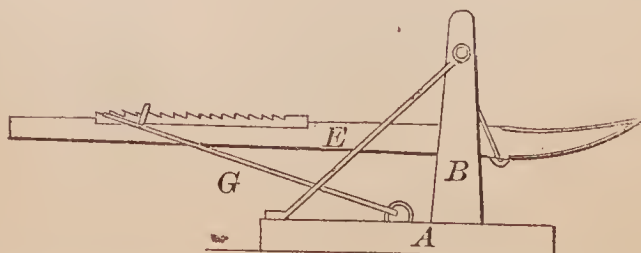
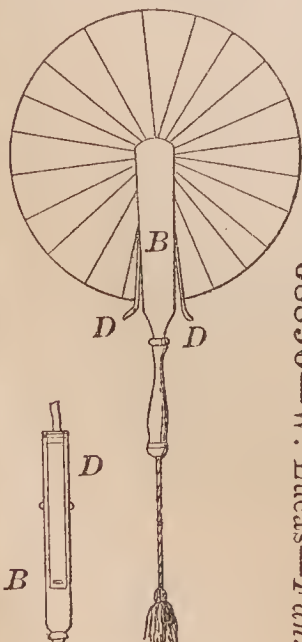


68880—Hunt & Mero—*Carriage Curtain Fastener.*

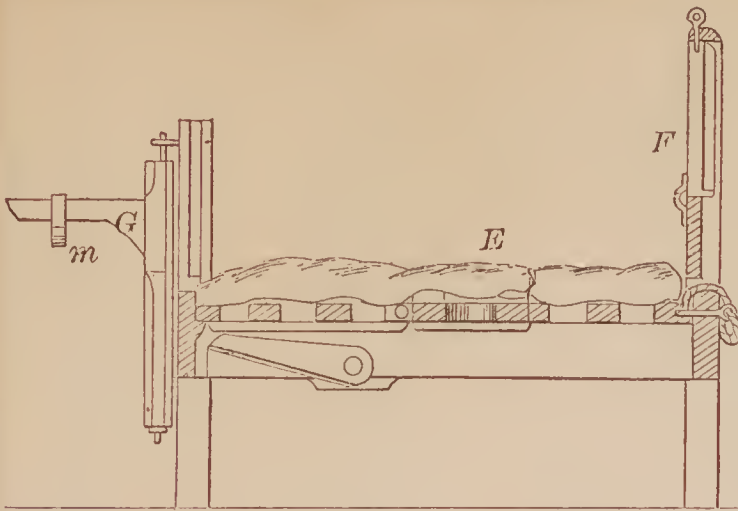


68875—R. Menage—*Car Brake and Starter.*

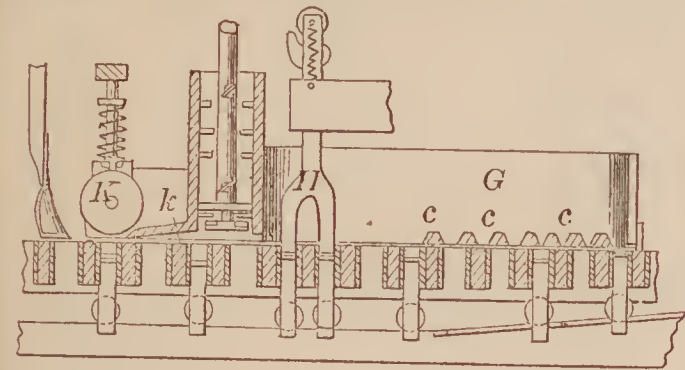


68881—R. Hutchison—
Shoe Spike.68882—G. W. Ives—
Brick Machine.68887—Kinyon & Smith—*Hay Raker and Loader.*68883—E. Jewett—*Cant Hook.*68886—E. King—*Clamping Device.*68888—E. G. Lamson—*Operating Drill.*68884—Johnson & Davis—
Building.68889—J. C. Love—*Lamp Burner.*68891—E. L. Marsh—*Lifting Jack.*68890—W. Lucas—*Fan.*

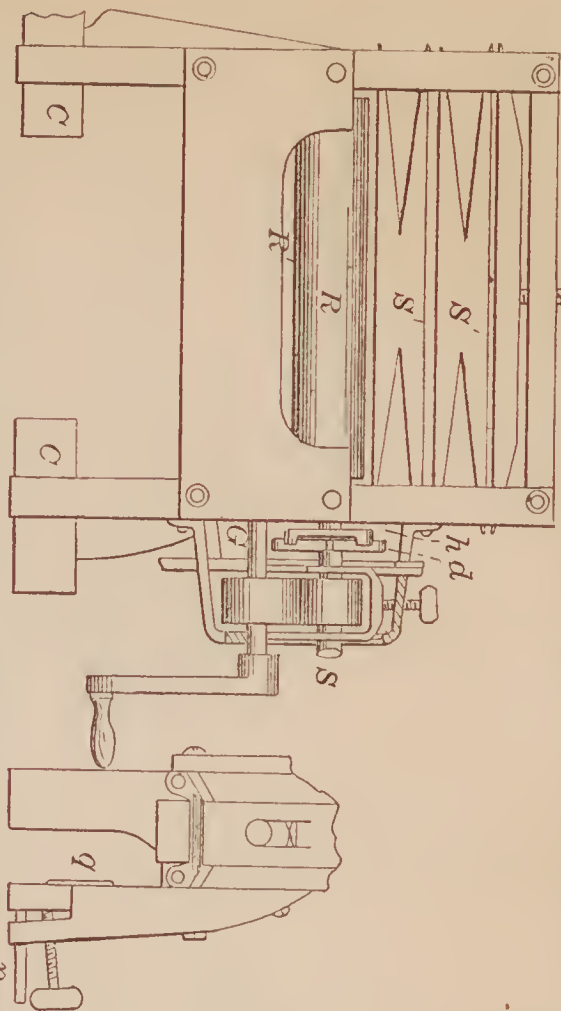
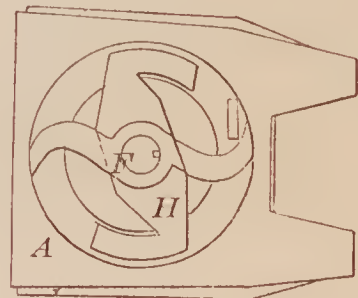
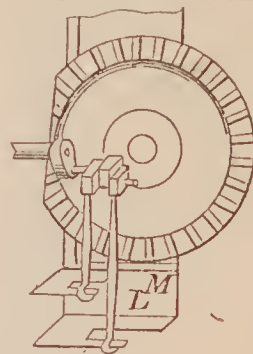
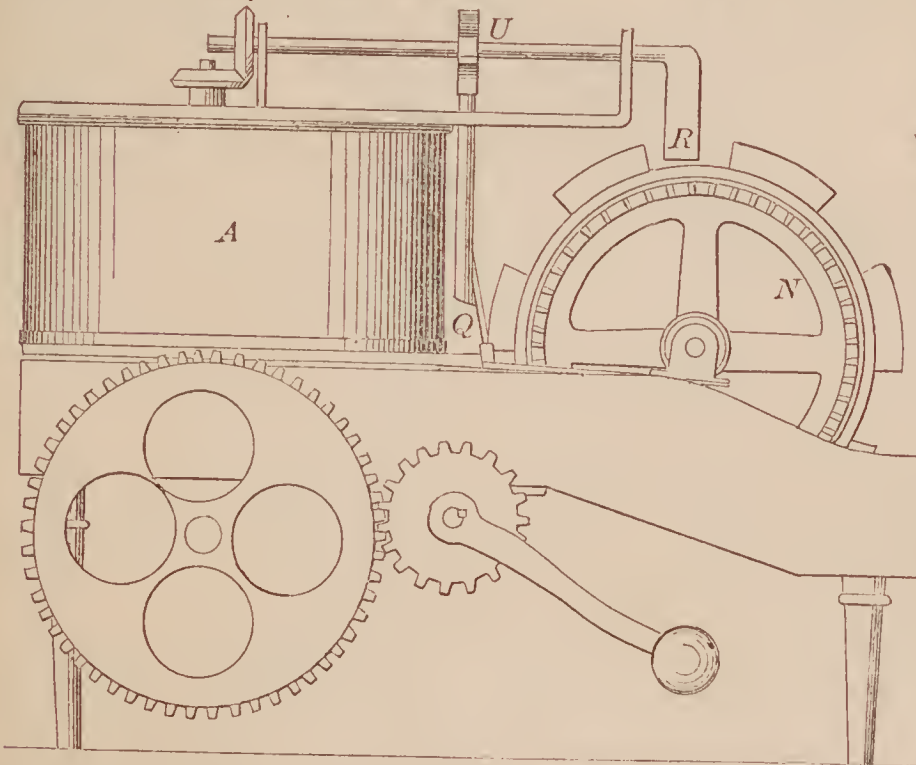
68892—J. Massey—*Invalid Bedstead.*



68896—C. D. Page—*Brick Press.*

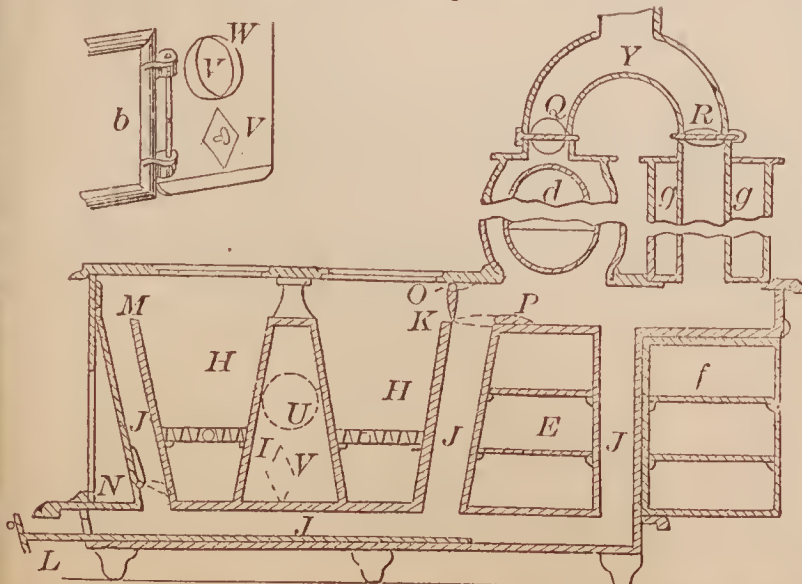


68894—J. M. Moyer—*Brick Machine.*

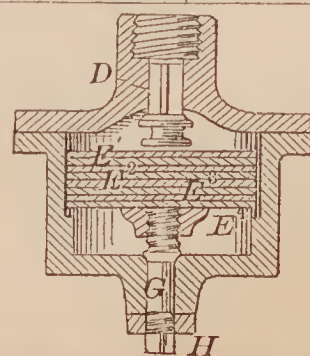
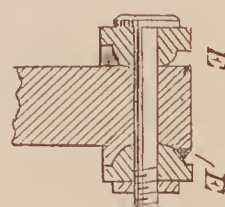


68893—J. M. McMaster—*Clothes Wringer.*

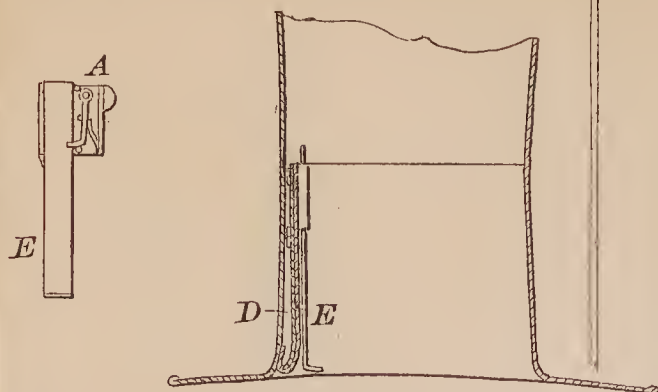
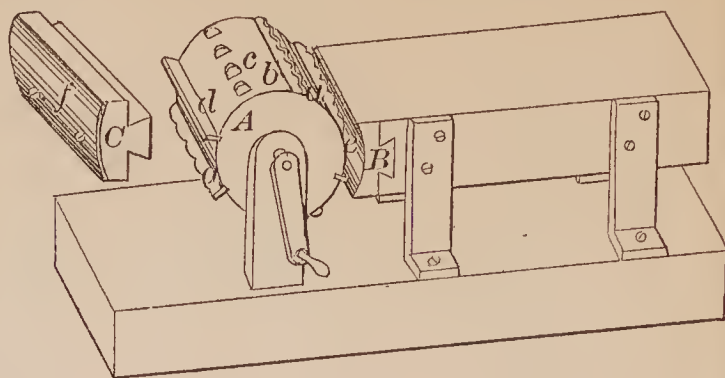
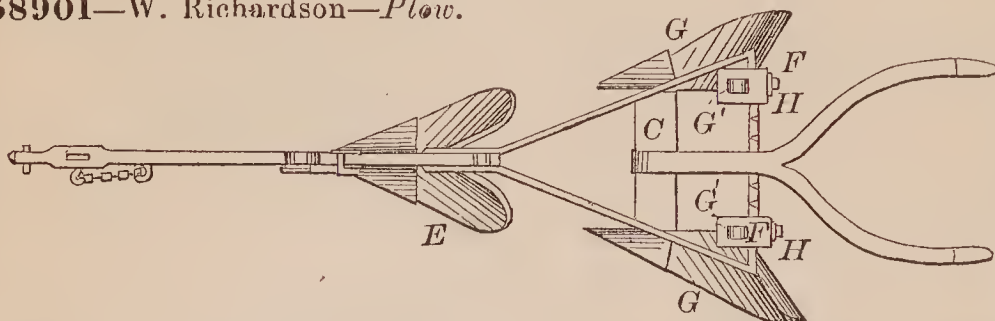
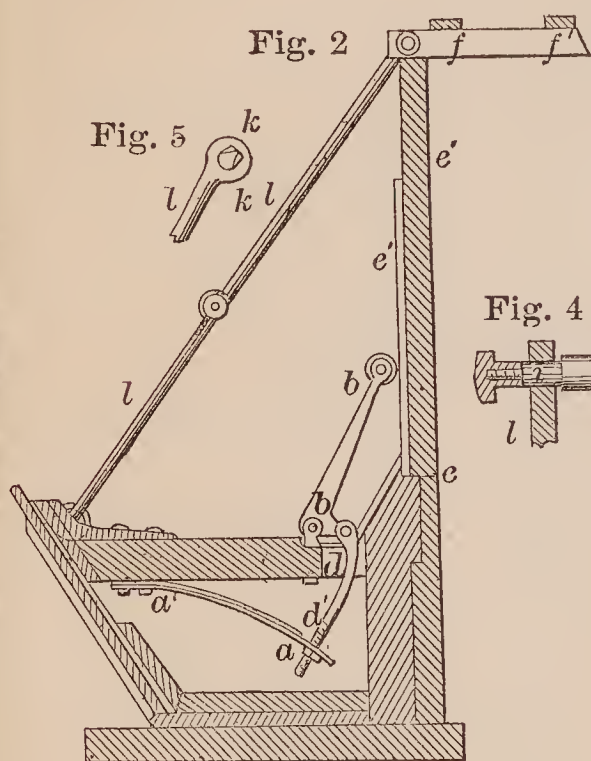
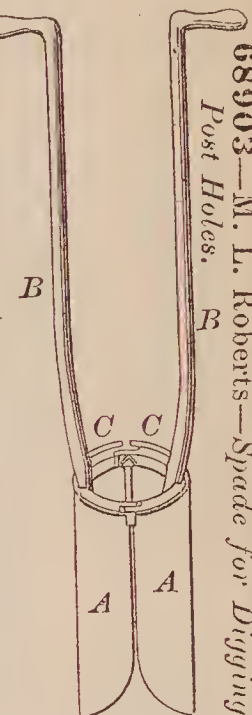
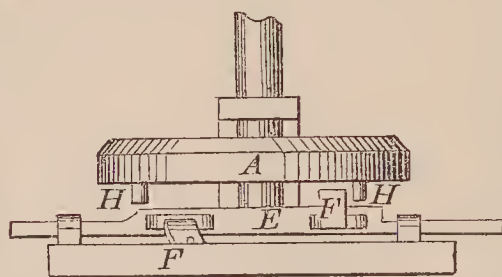
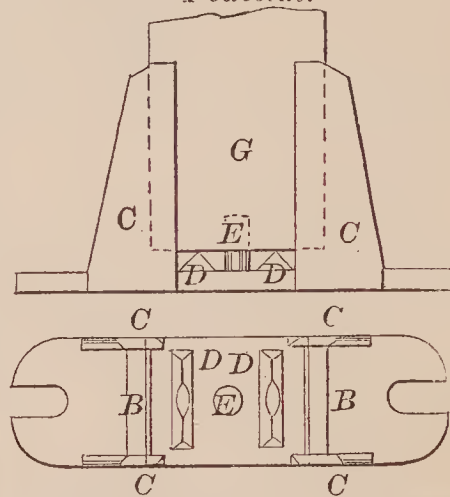
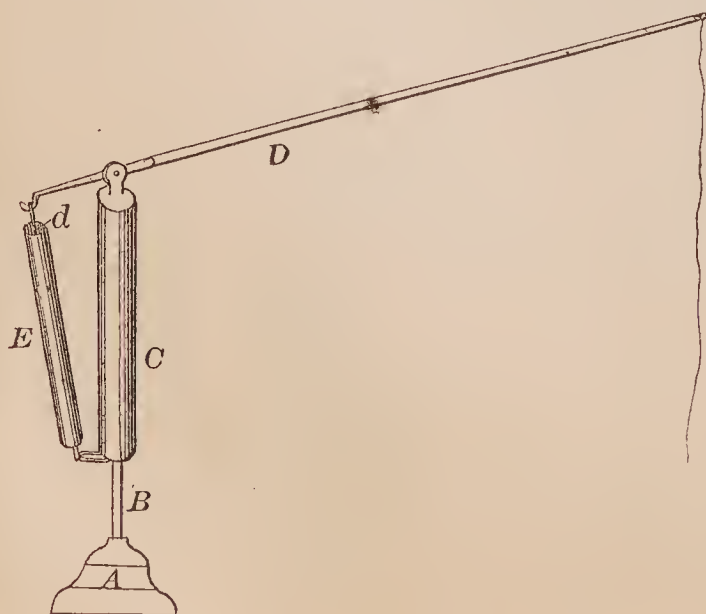
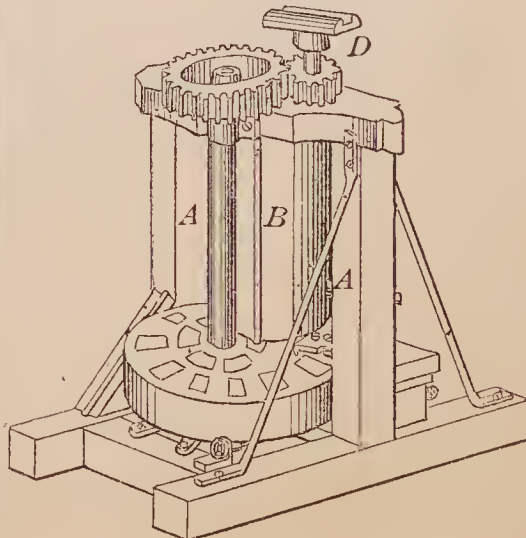
68898—G. Perkins—*Cooking Stove.*



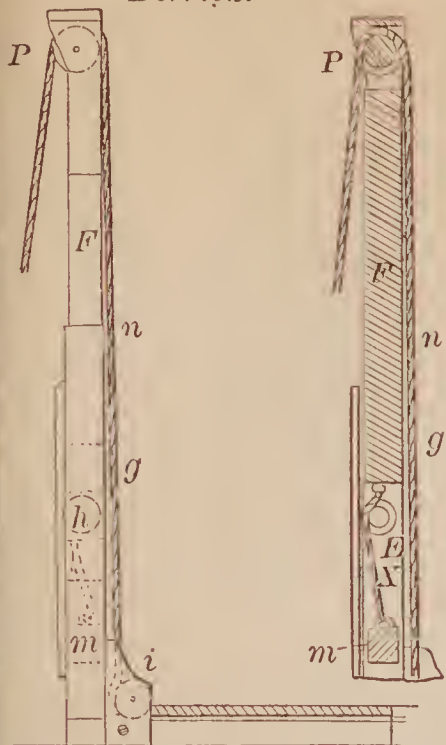
68895—A. Odell—*Attaching Thills to Carriages.*



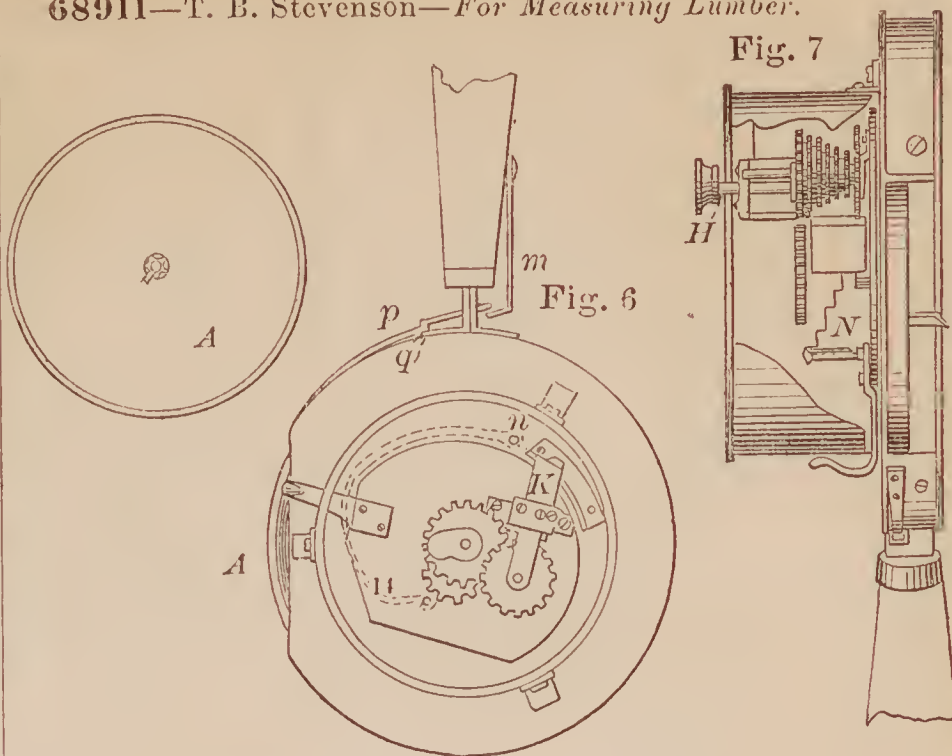
68897—
B. F. Perkins—
Steam Trap.

68899—W. H. Plumb—*Hat.*68905—B. Roezl—*For Cleaning Hemp, Ramie, &c.*68901—W. Richardson—*Plow.*68904—J. Rock—*Carriage.*68900—J. & W. W. Porter—*Reverse Lever Pitman.*68903—M. L. Roberts—*Spade for Digging Post Holes.*68902—J. Robbins—*Fence Post Pedestal.*68906—Sargent & Flanders—*Animal Tether.*68907—H. C. Sergeant—*Brick Machine.*

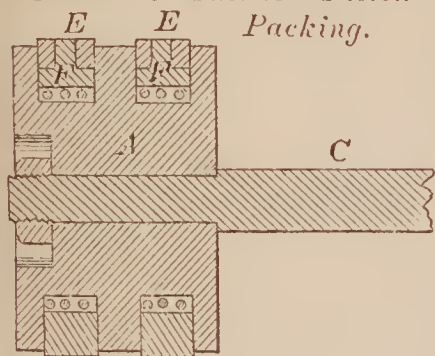
68909—A. B. Sprout—*Derrick.*



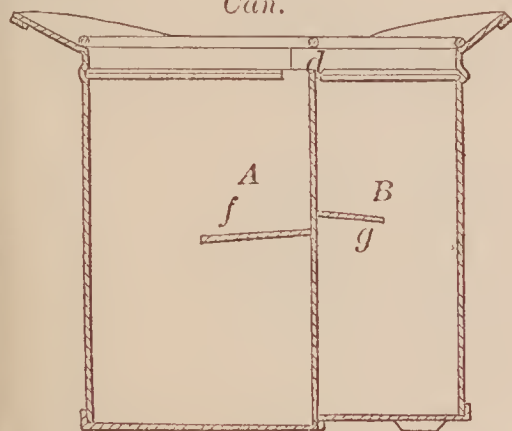
68911—T. B. Stevenson—*For Measuring Lumber.*



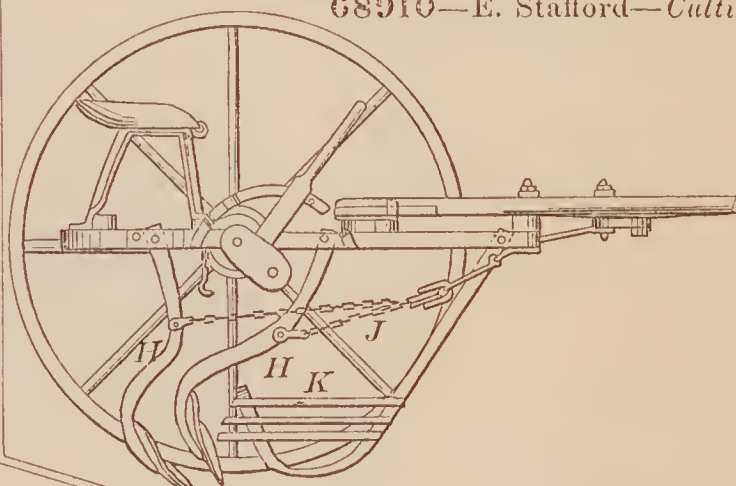
68914—S. Tucker—*Piston Packing.*



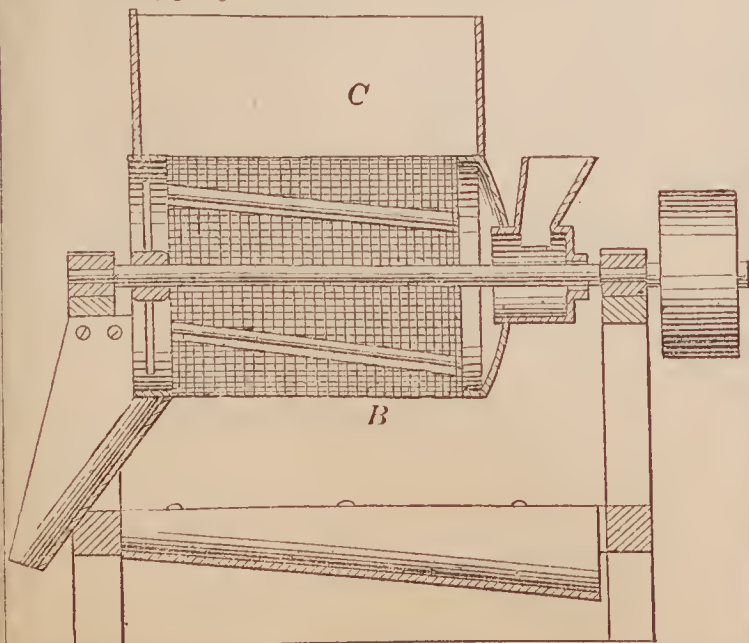
68913—D. H. Summer—*Measuring Can.*



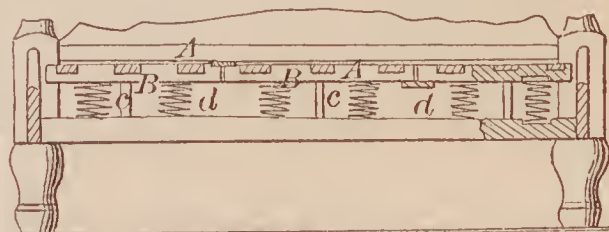
68910—E. Stafford—*Cultivator.*



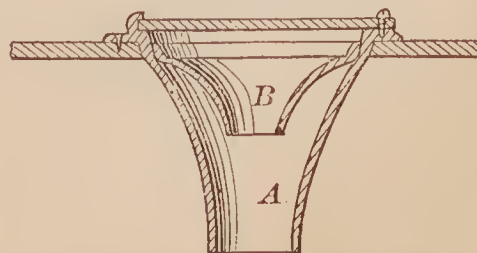
68915—D. H. Turner—*Cooling and Purifying Animal Charcoal.*



68912—W. Stickney—*Bed Bottom.*



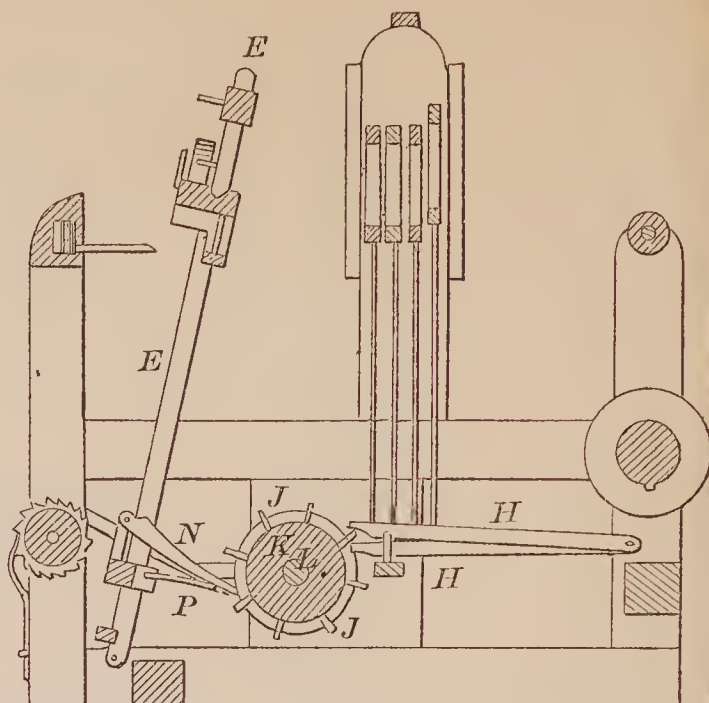
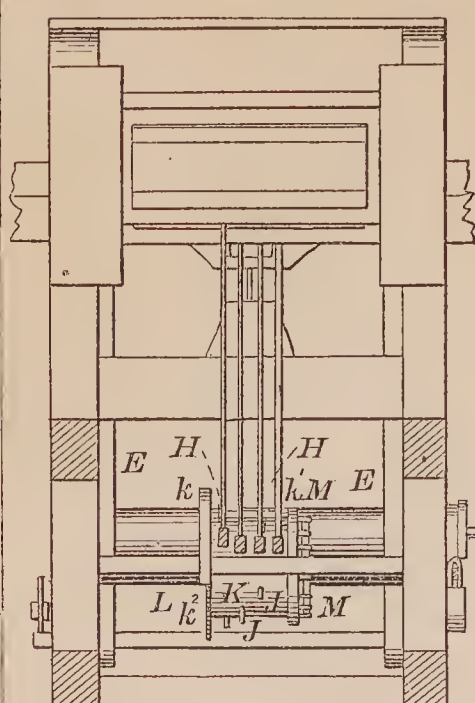
68916—B. Van Deusen—*Spittoon for Railroad Cars.*



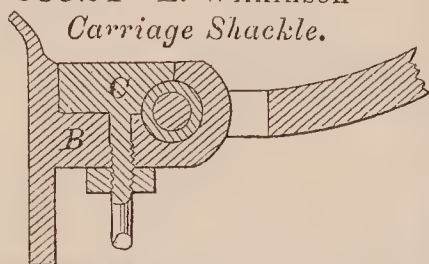
68917—S. Waite—Driven Pump.



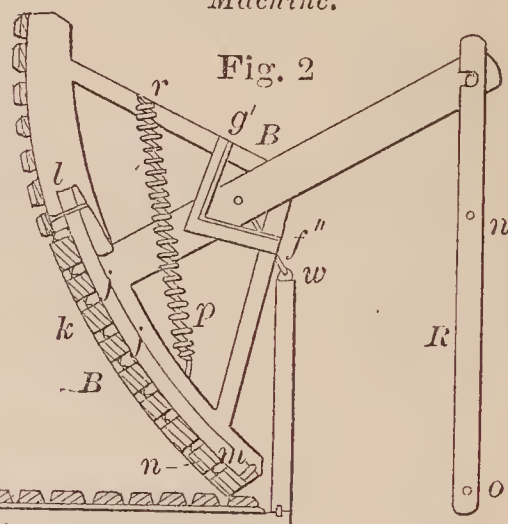
68918—C. Wandel—Hand Loom.



68924—L. Wilkinson—Carriage Shackle.



68921—J. W. Wetmore—Washing Machine.



68920—J. Q. Welch—Rotary Steam Engine.

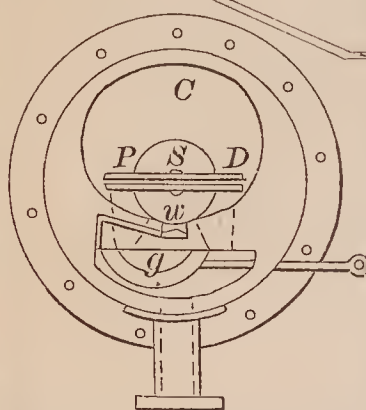
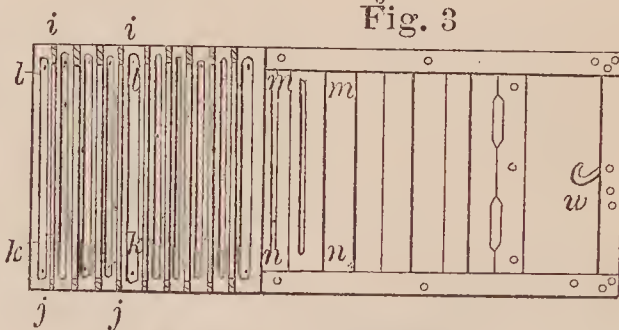
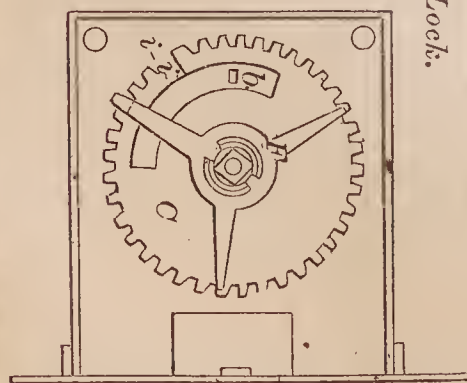
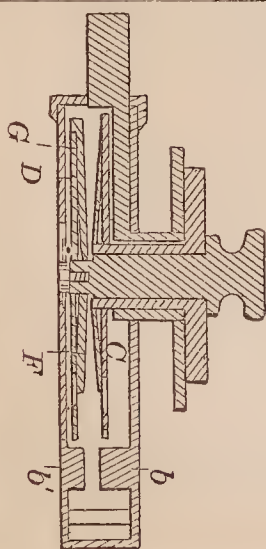


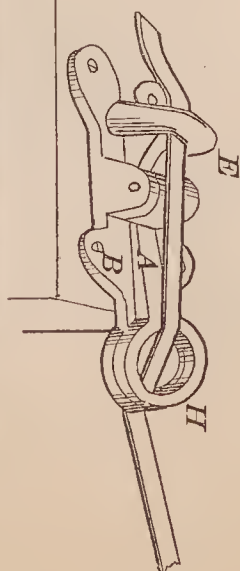
Fig. 3



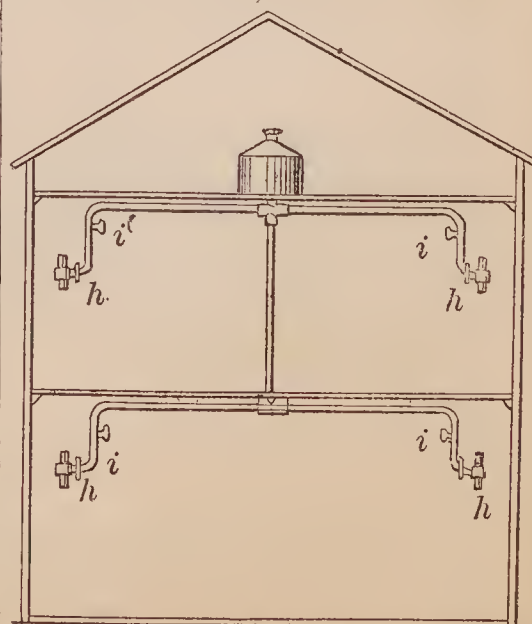
68922—S. Wheeler—Permutation Lock.



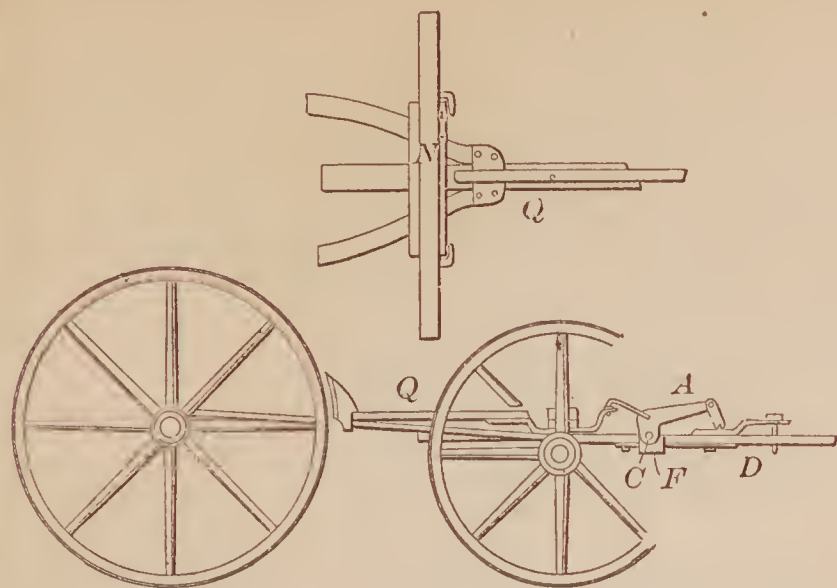
68919—W. G. Ward—For Hitching Horses.



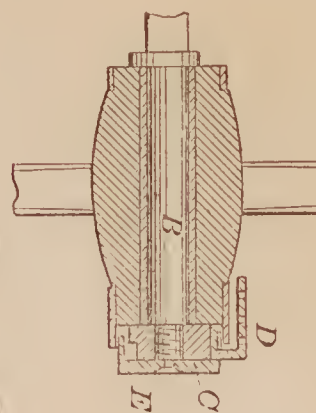
68923—A. J. White—For Lighting Factories.



68926—J. F. Wood, 2d—*Self-Acting Wagon Brake.*



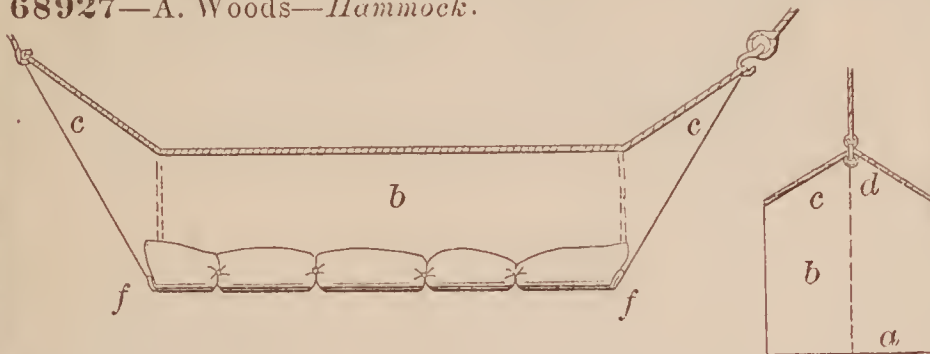
68930—W. Youngblood—*Wagon Step.*



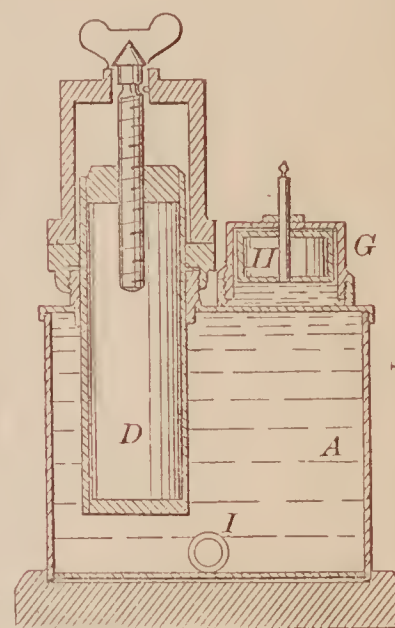
68929—H. Young—*File.*



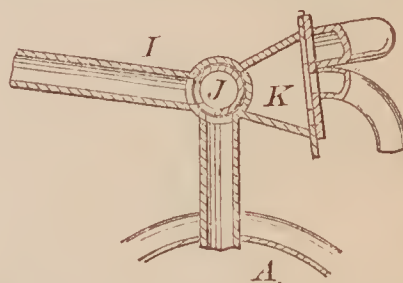
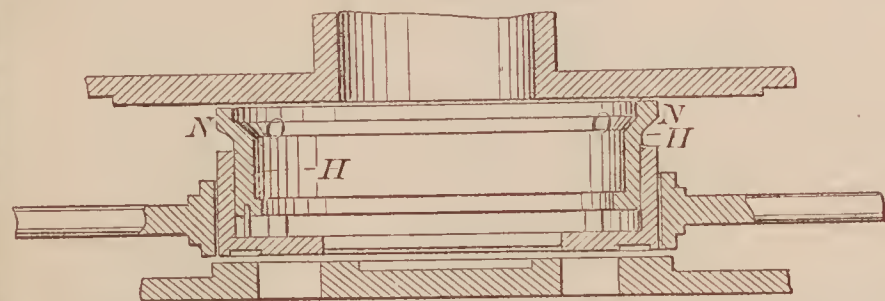
68927—A. Woods—*Hammock.*



68931—J. L. Abbott—*Liquid Measure.*



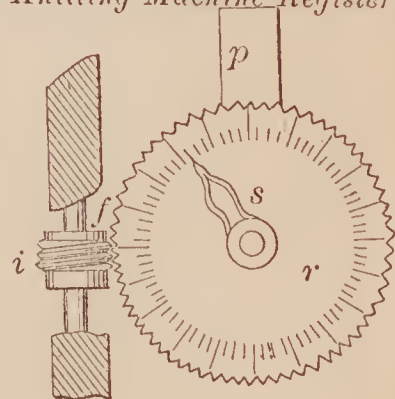
68932—Adams & Parson—*Slide Valve.*



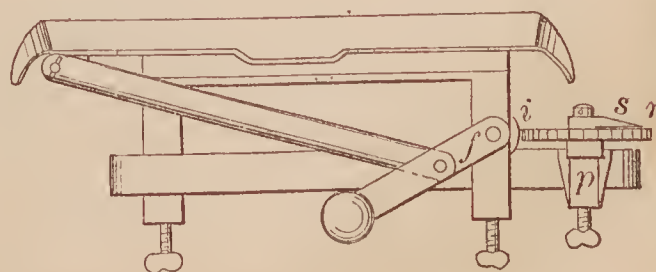
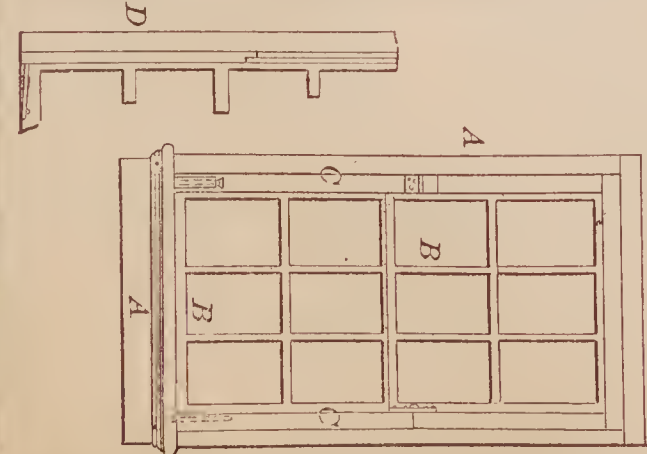
68925—A. Woeber—*Carriage Curtain Fastener.*



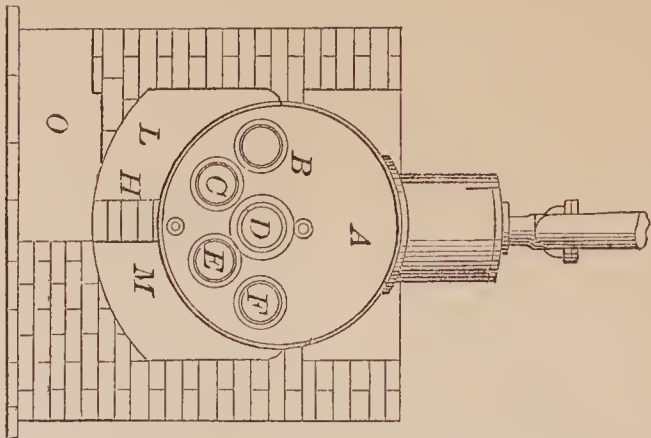
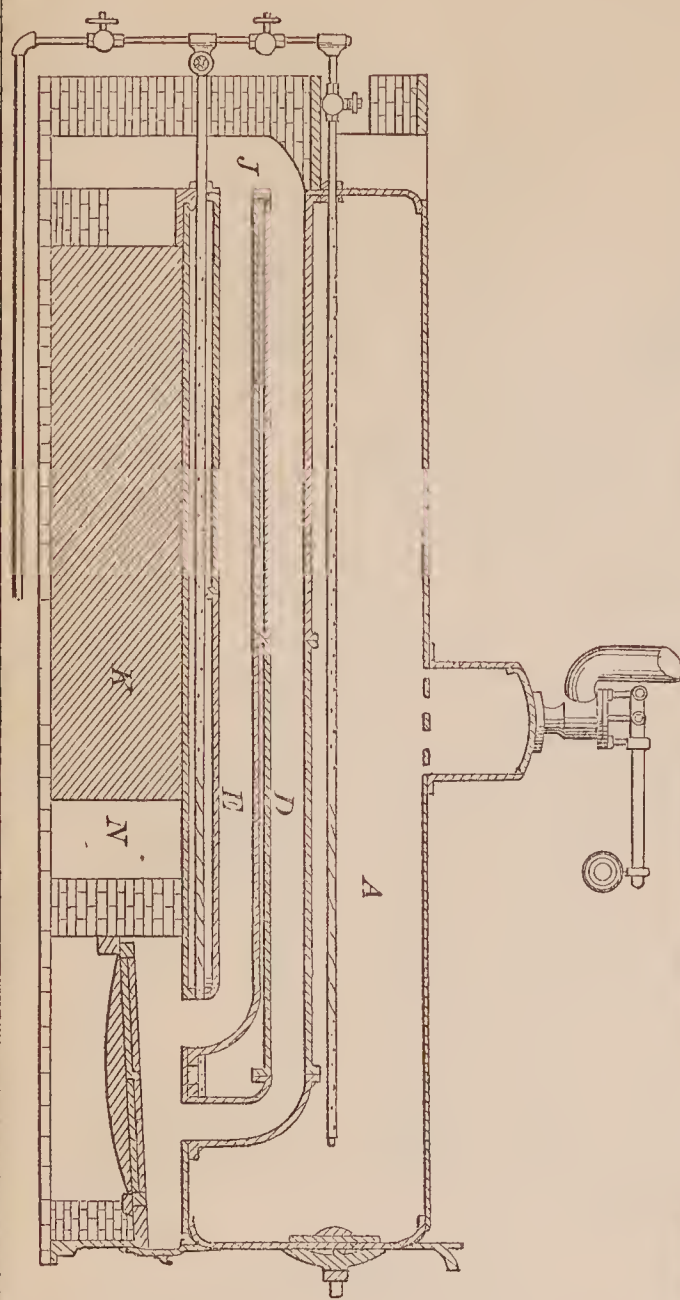
68928—Wyman & Hartshorn—*Knitting Machine Register.*



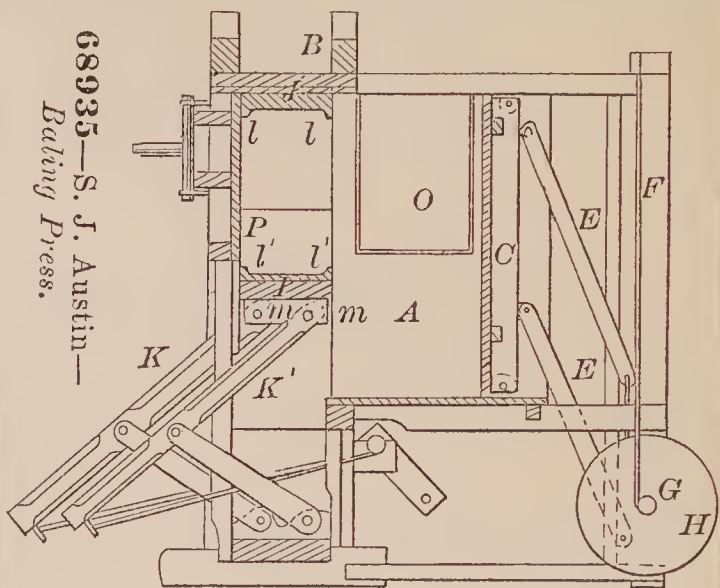
68933—J. K. Andrews—*Window Sash Stop.*



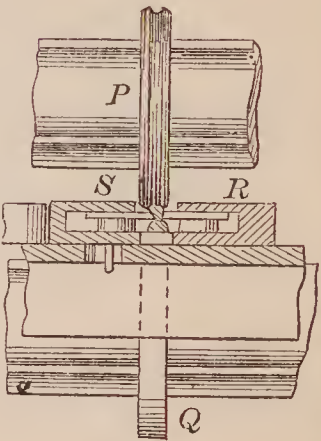
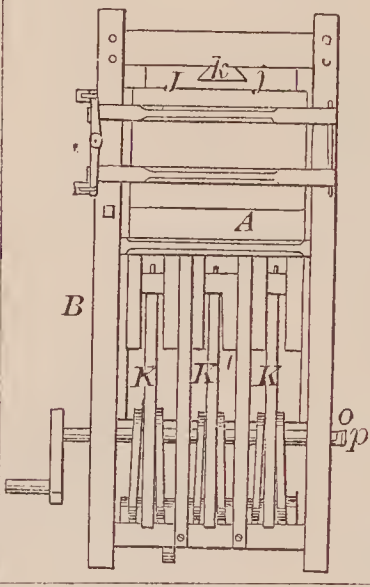
68934—P. Atherton—*Steam Generator.*



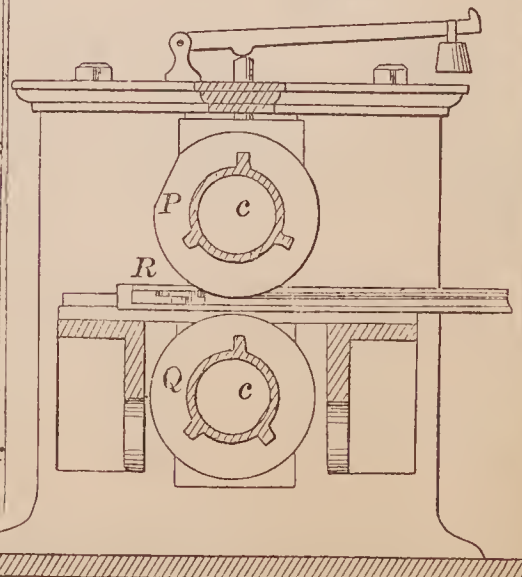
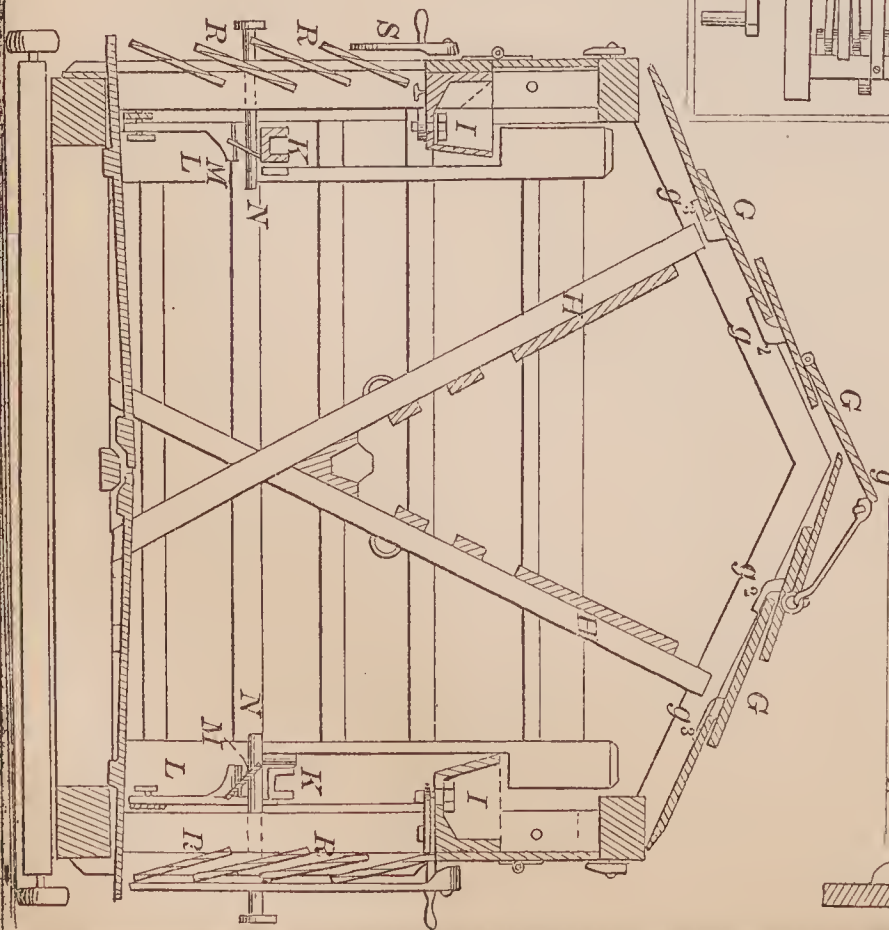
68935—S. J. Austin—*Baling Press.*



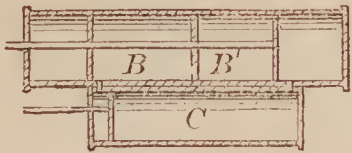
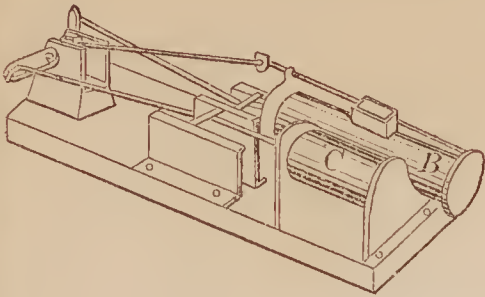
68936—H. Baines—*For Rolling Rails.*



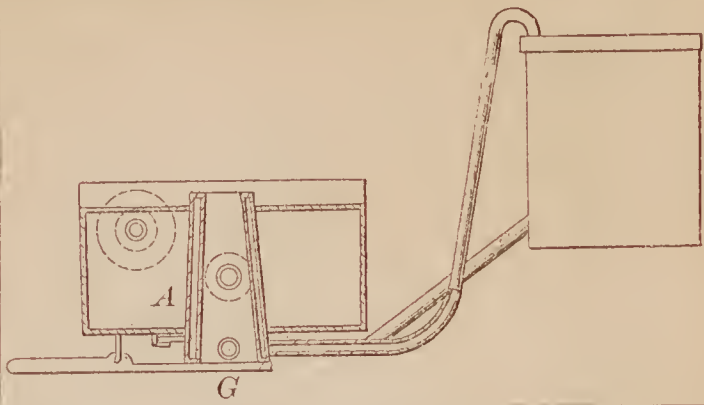
68937—Baker & Hisner—*Portable Sheep Shed.*



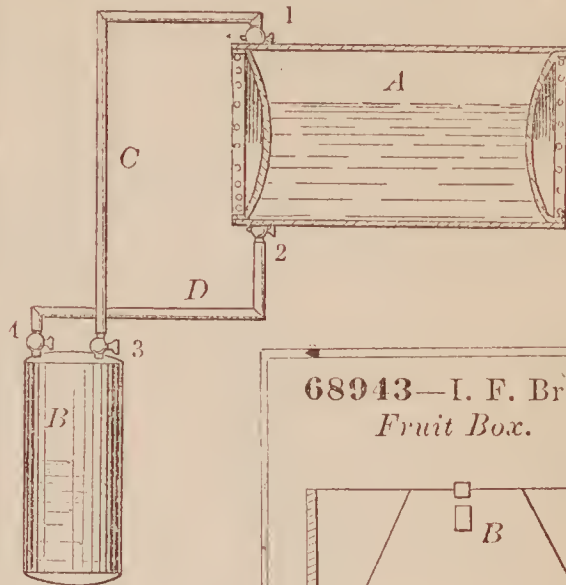
68938—Baneroff & Ward—*Steam Engine.*



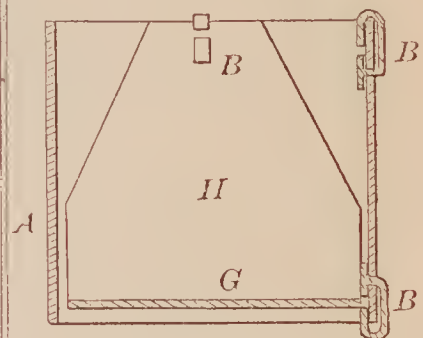
68939—J. Bayliss—*Tuyere for Furnaces.*



68940—J. F. Boynton—*Fire Extinguisher.*

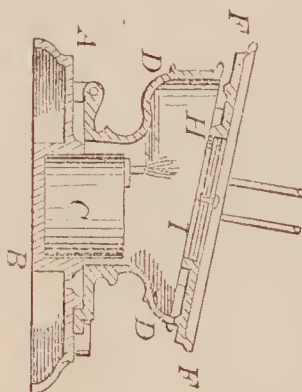


68943—I. F. Brown—*Fruit Box.*

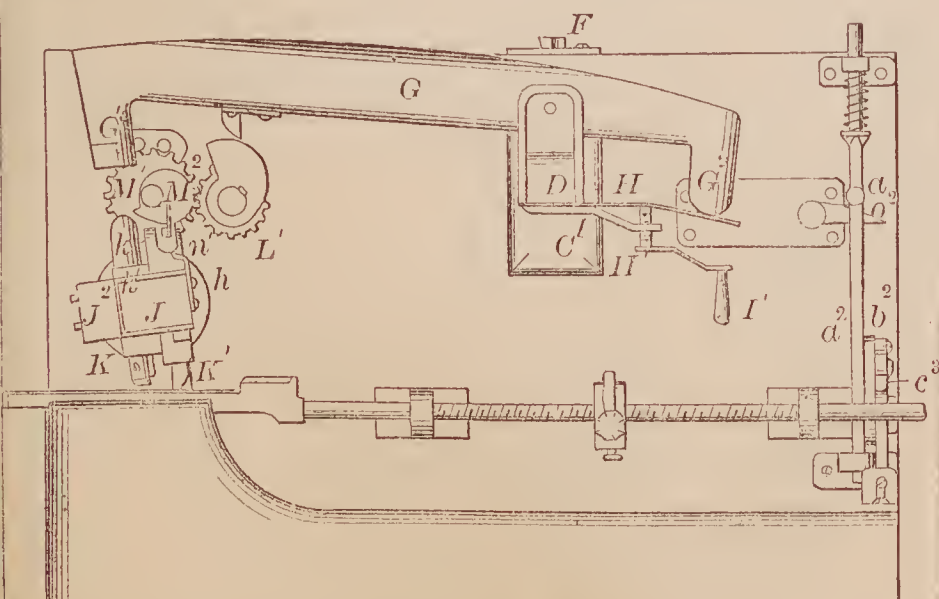


68945—J. D. Bryson—*Water Wheel.*

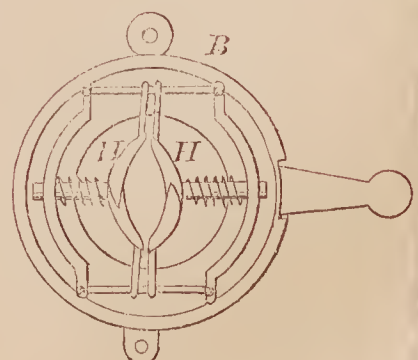
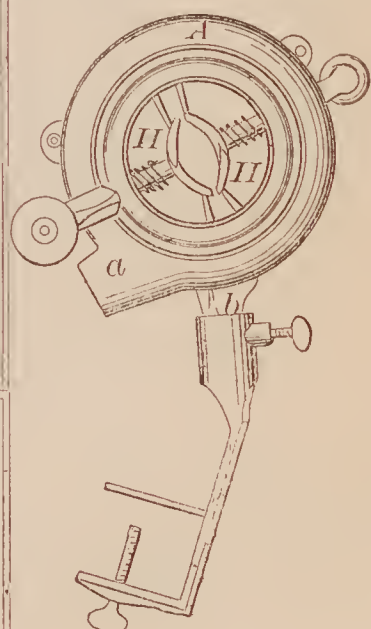
68944—N. H. Bruce—*Foot Warmer.*



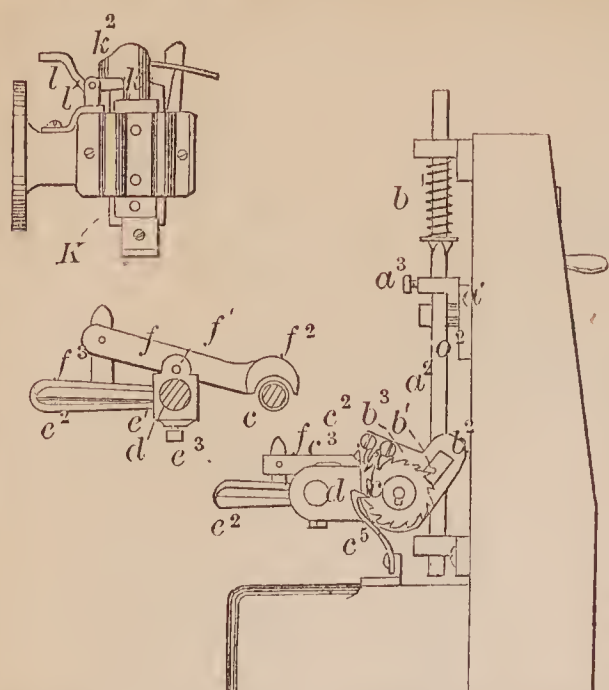
68946—E. Bucklin, Jr.—*File Cutting Machine.*



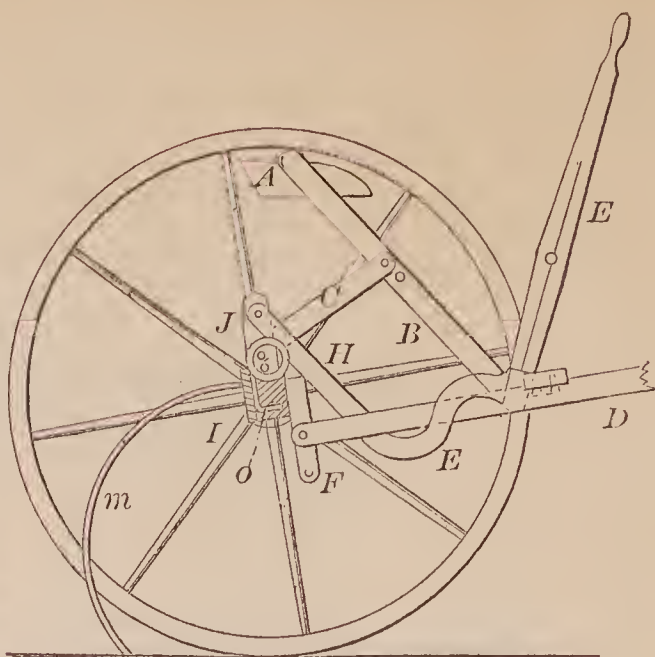
68941—C. H. Brady—*Corn Sheller.*



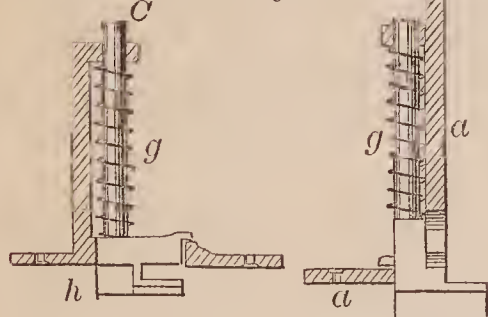
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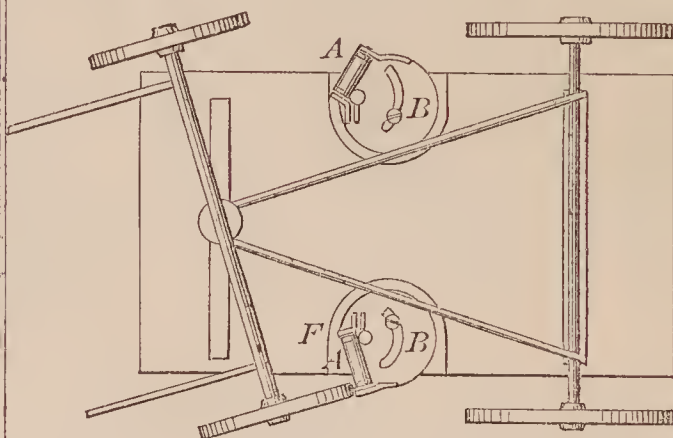
68950—G. E. Burt—Horse Rake.



68947—D. Bull—Door and Blind Fastening.



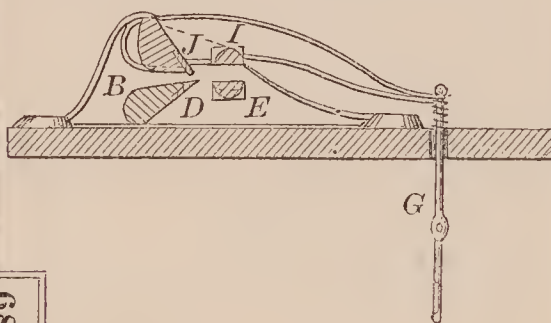
68951—G. J. Capewell—Carriage Attachment.



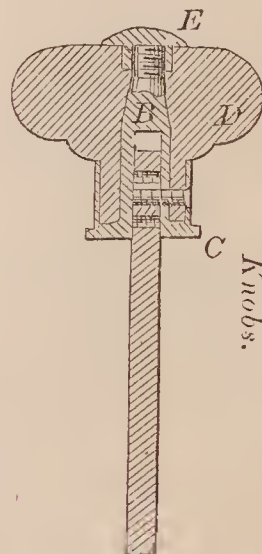
68948—D. Bull—Table Attachment for Bedsteads.



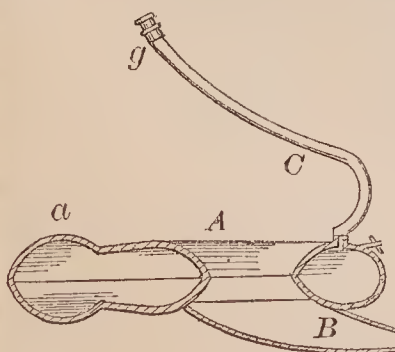
68949—Burkholder & Lerew—For Rounding Fly Net Straps.



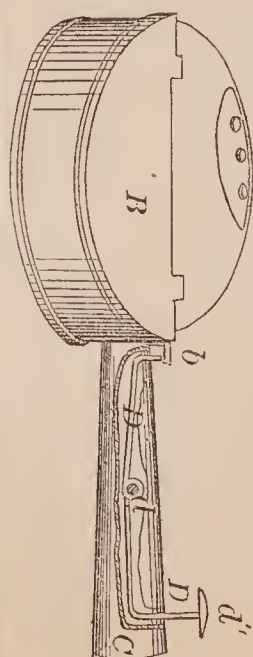
68956—D. B. Cobb—Attaching Door Knobs.



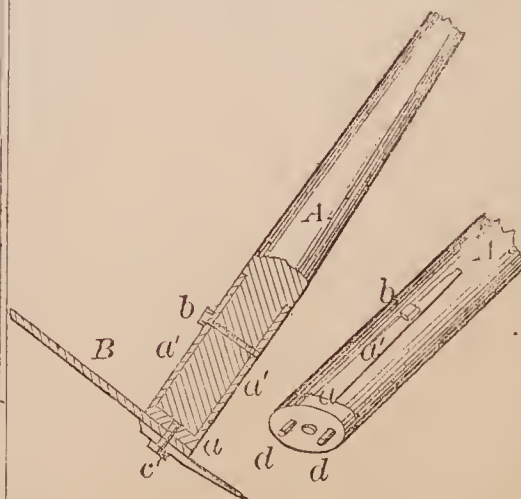
68954—E. M. Chaffee—Bed Pan.



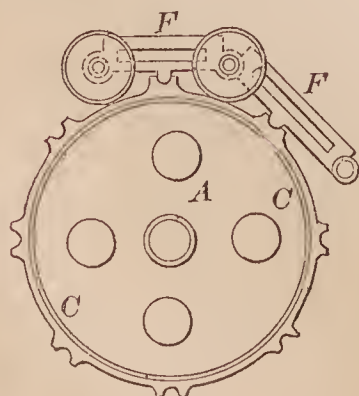
68953—J. M. Cayce—Invalid Spoon.



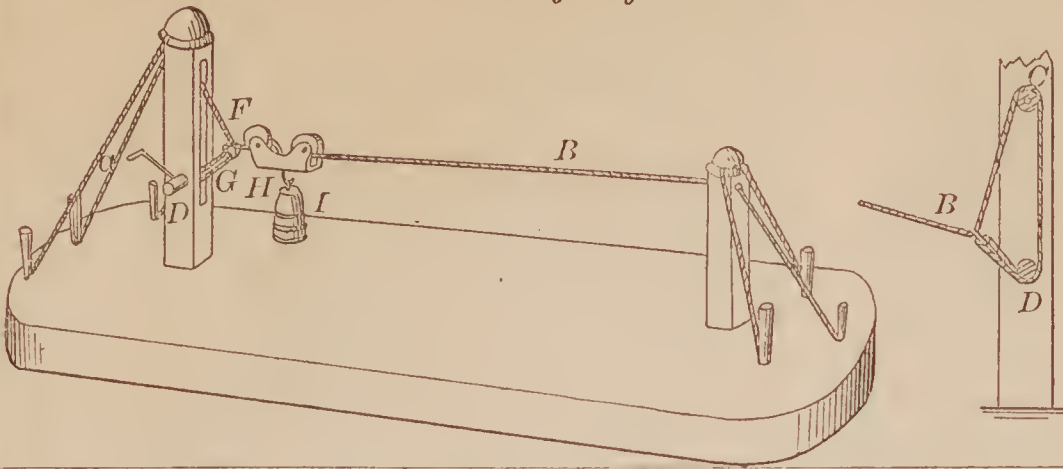
68958—I. Cook—Hoe and Rake.



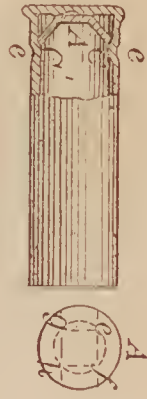
68957—S. Coin—Horse Power.



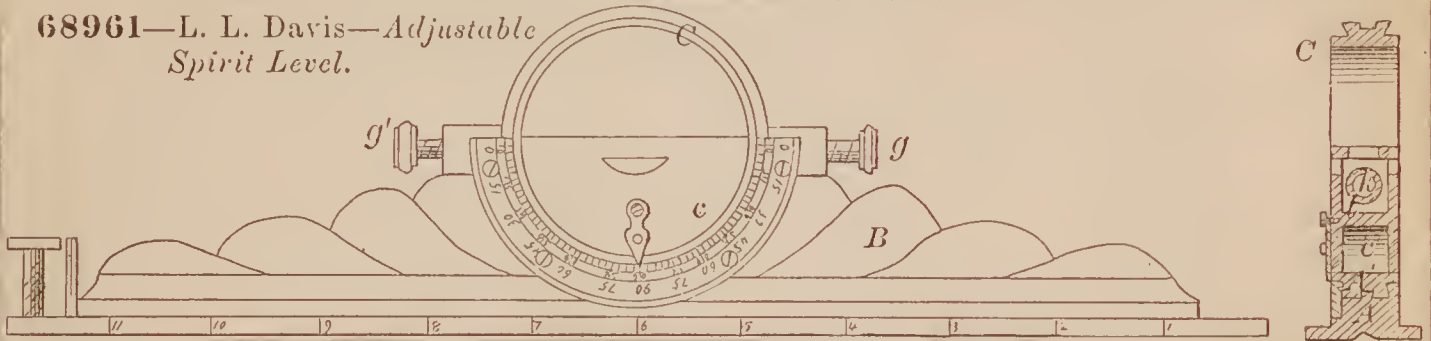
68959—A. W. Cramer—*Adjustable Track for Conveying Loads by Gravity only.*



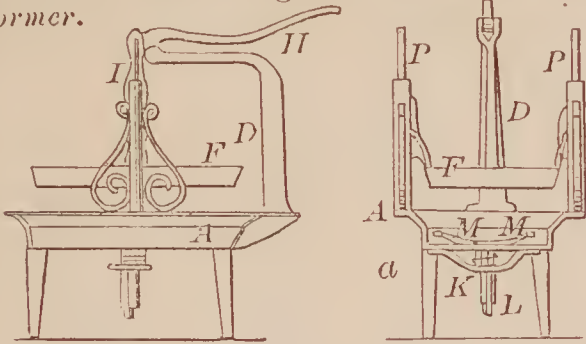
68960—J. F. Cranston—
Priming Metallic Cartridges.



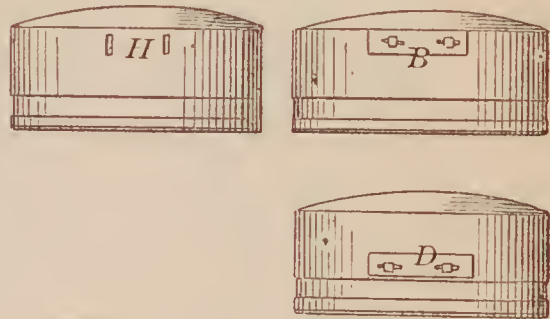
68961—L. L. Davis—*Adjustable Spirit Level.*



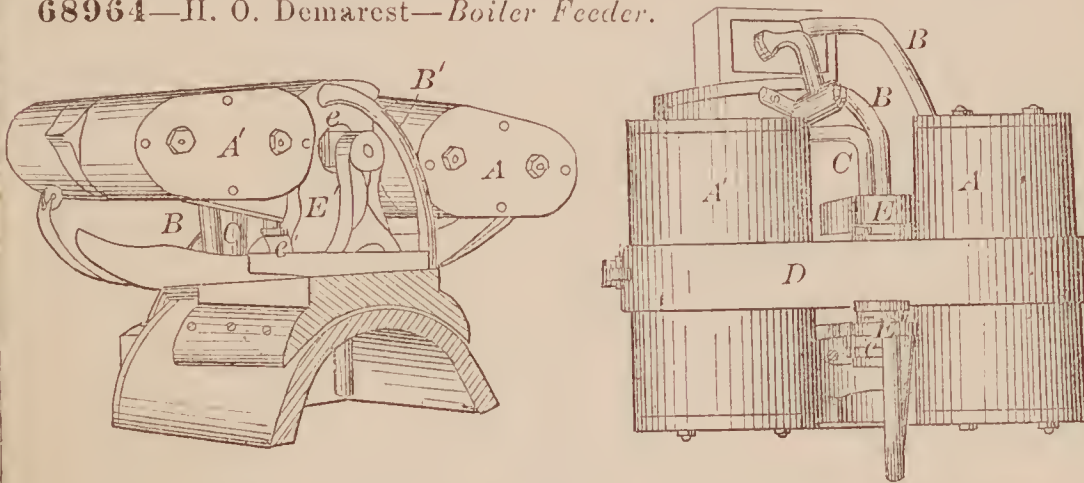
68962—Davis & Wagor—*Sheet Metal Pan*
Former.



68963—Dawson, Dawson & Hilton—
Balancing Mill Stones.



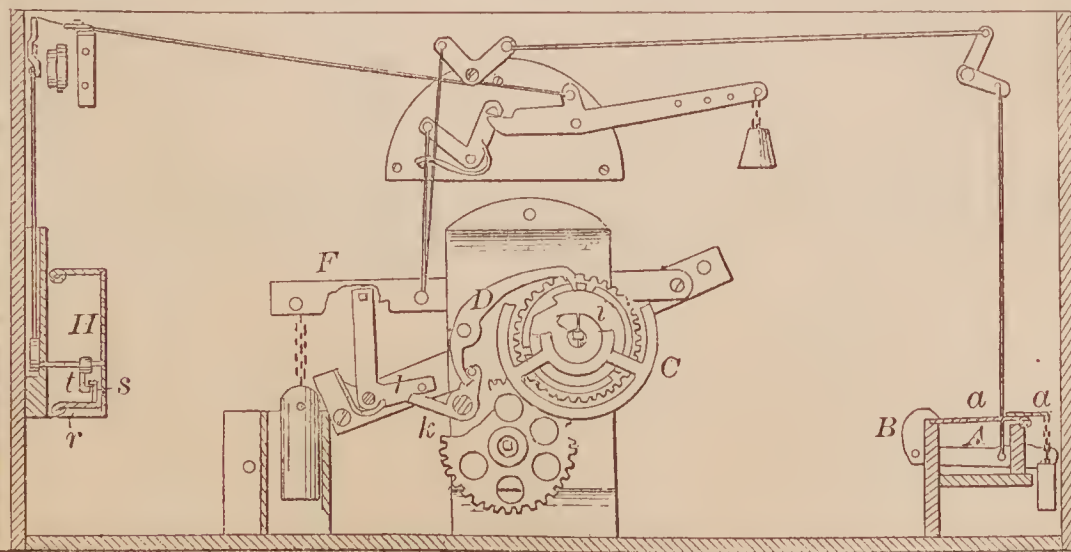
68964—H. O. Demarest—*Boiler Feeder.*



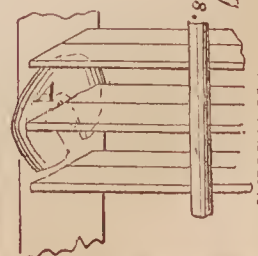
68966—T. De Witt—*Carriage Spring.*

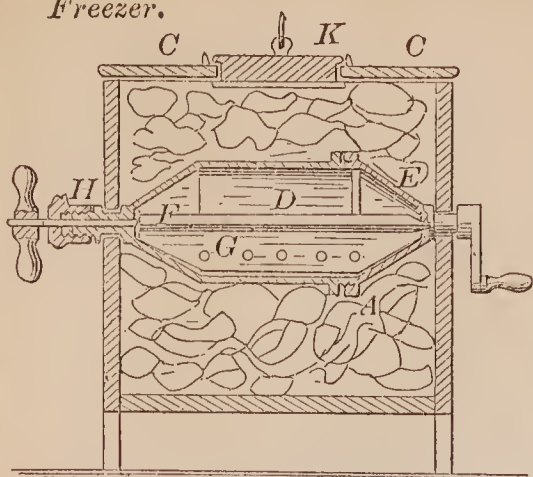
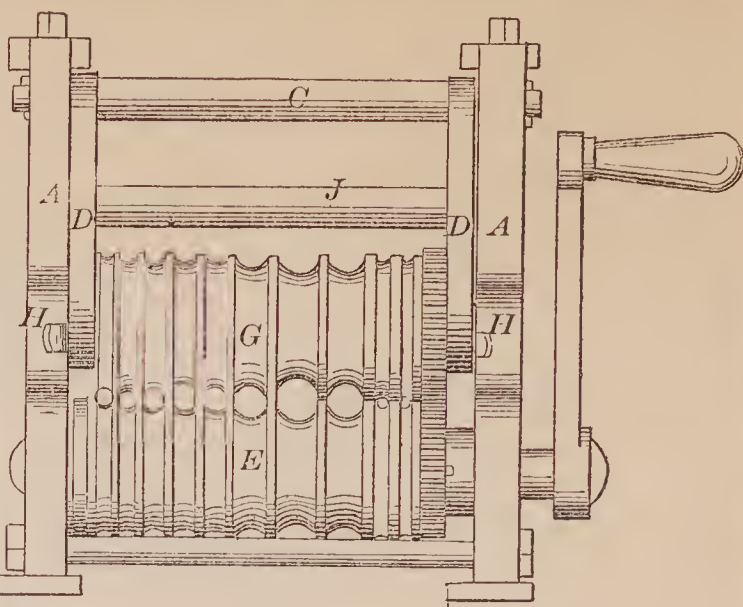
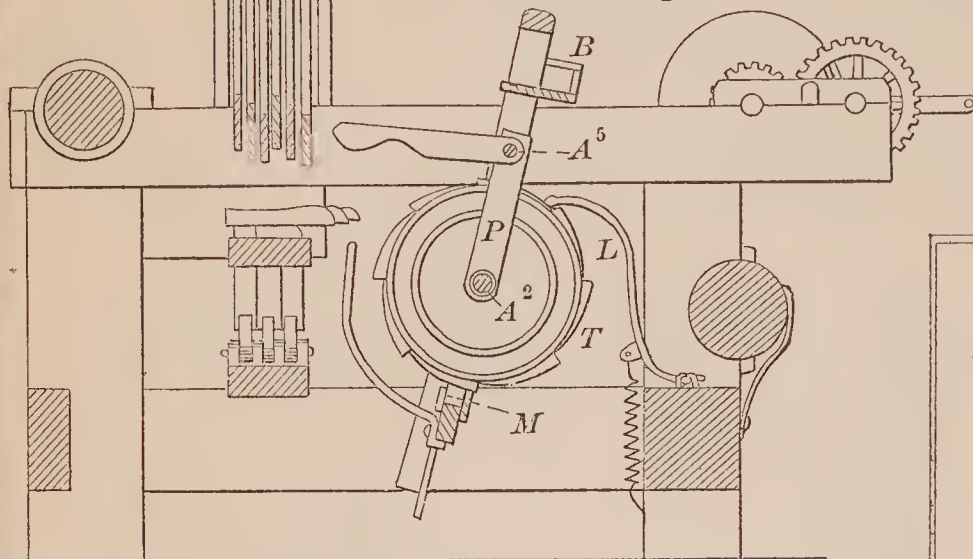
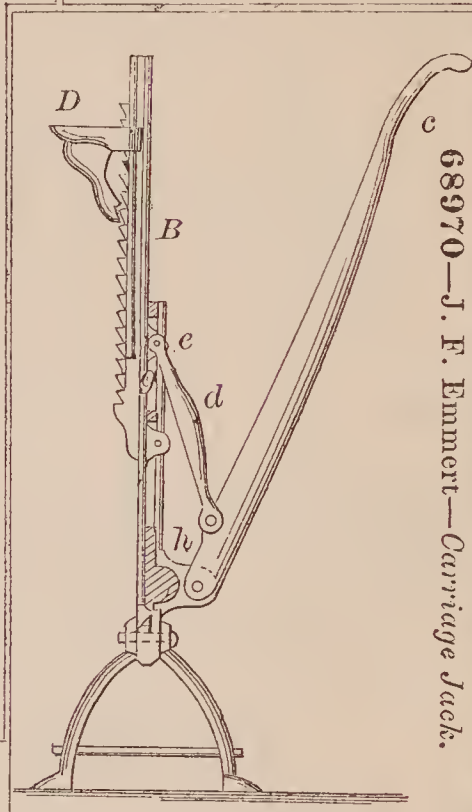
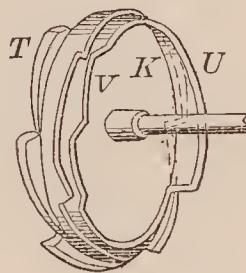
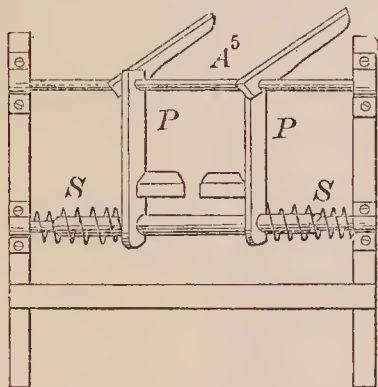
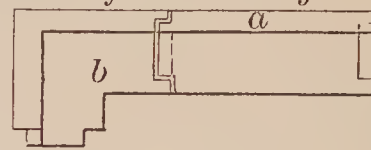
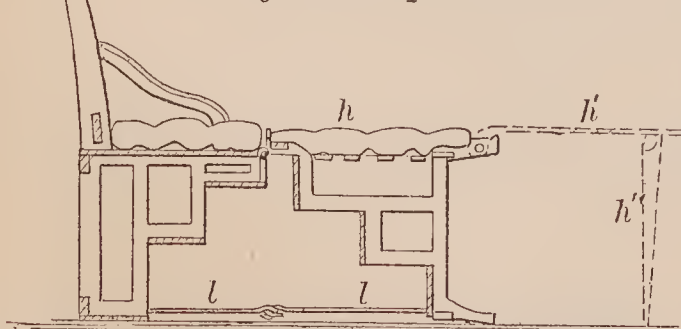
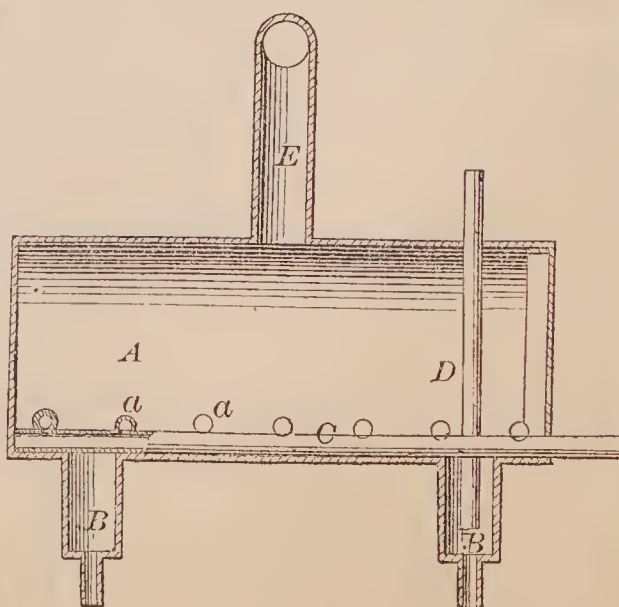
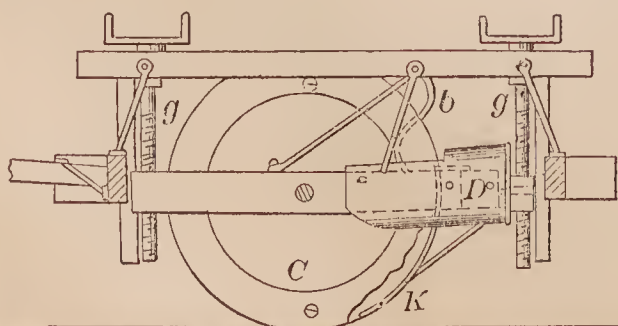


68965—Denzler & Miller—*Manger*.



68057—G 11. Diamond—
Fastening
Blind Slat.

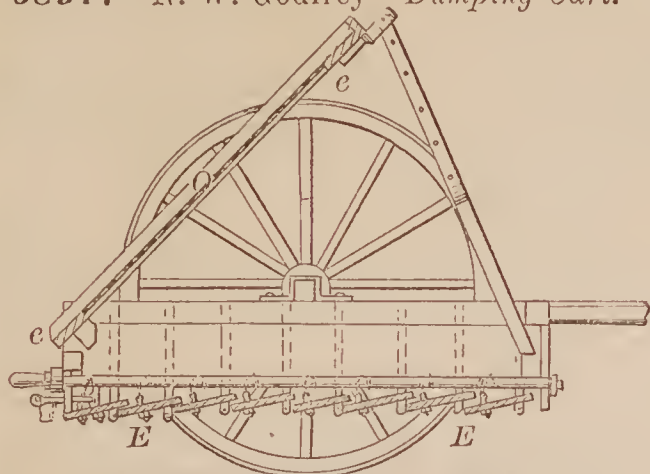


68968—F. H. Duc—*Ice Cream Freezer.*68972—L. B. Gates—*For Rounding Lines.*68969—T. A. Dugdale—*Hand Loom.*68971—F. B. Fancher—*Tile for Bordering.*68973—J. Gerdon, Jr.—*Chair, Lounge and Step Ladder.*68974—S. Gibbons—*For Refining and Distilling Oil.*68975—Gifford & Seright—*Ditching Machine.*

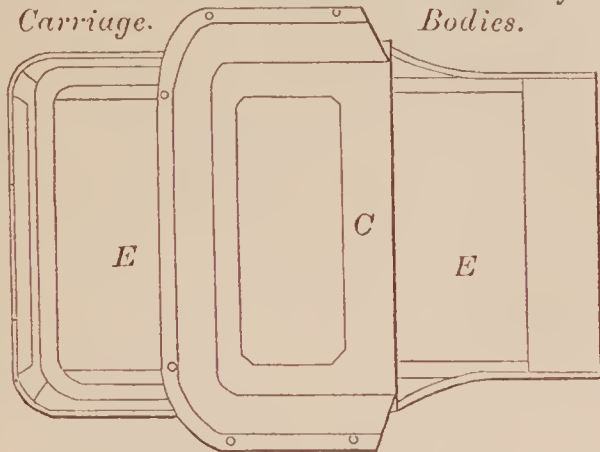
68976—E. C. Goddard—*Portable Field Fence.*



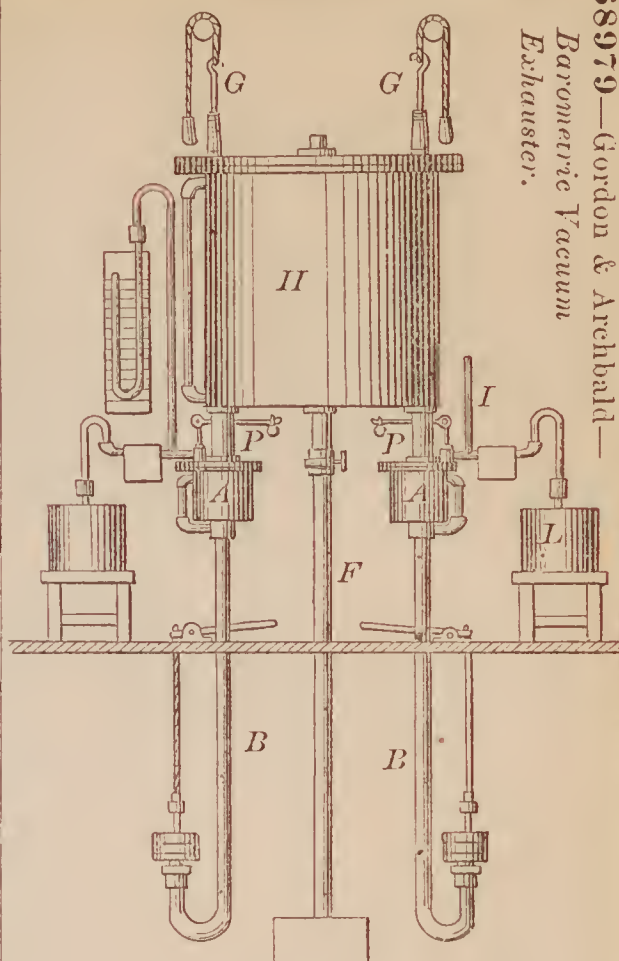
68977—N. W. Godfrey—*Dumping Cart.*



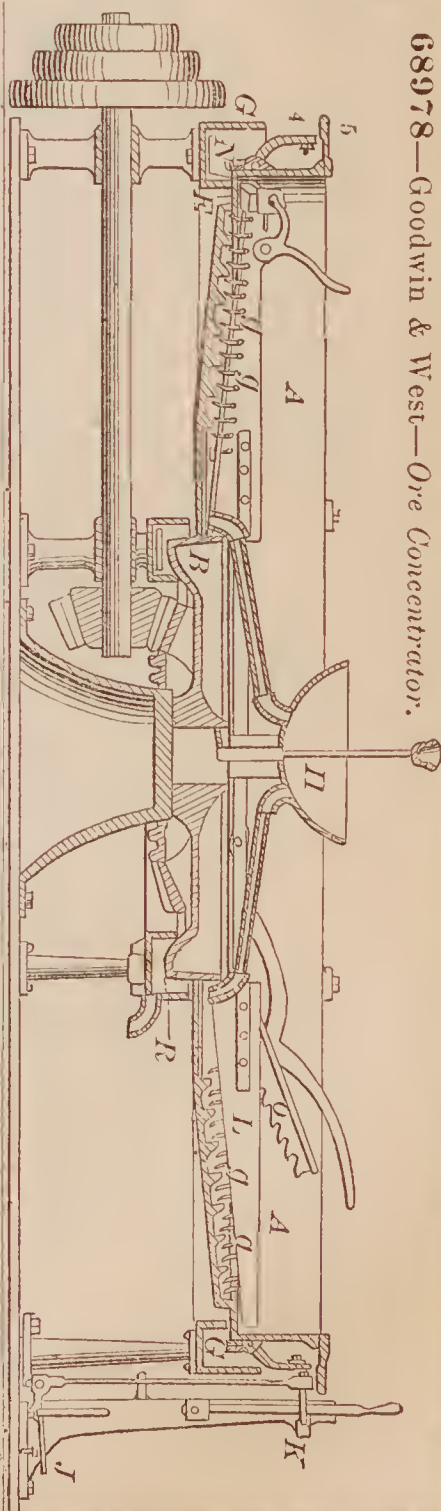
68980—S. P. Graham—*Construction of Carriage Bodies.*



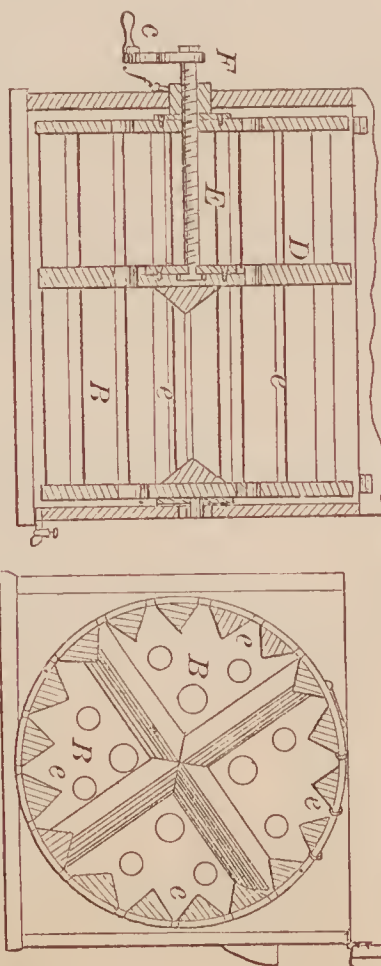
68979—Gordon & Archbald—*Barometric Vacuum Exhauster.*



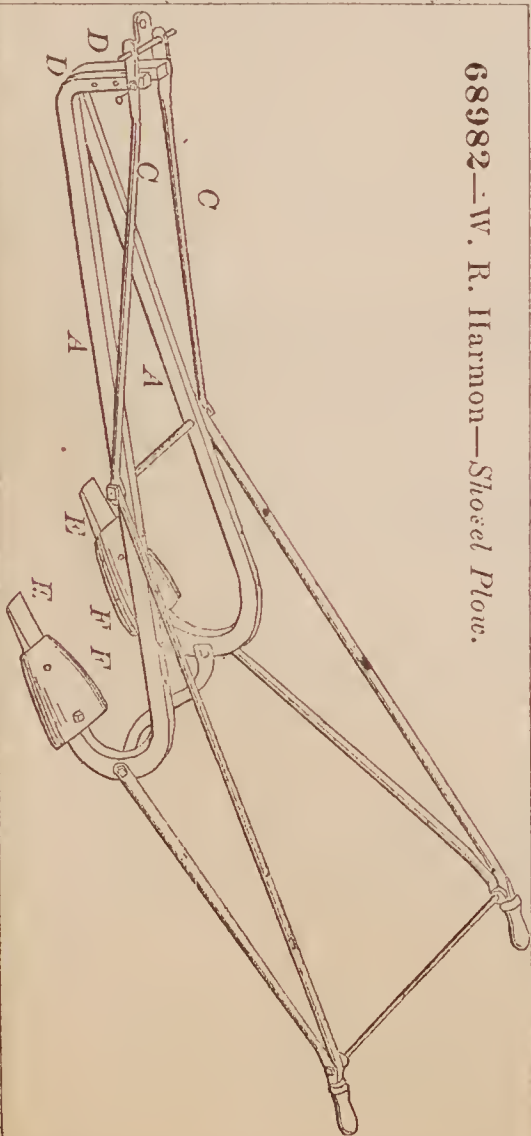
68978—Goodwin & West—*Ore Concentrator.*



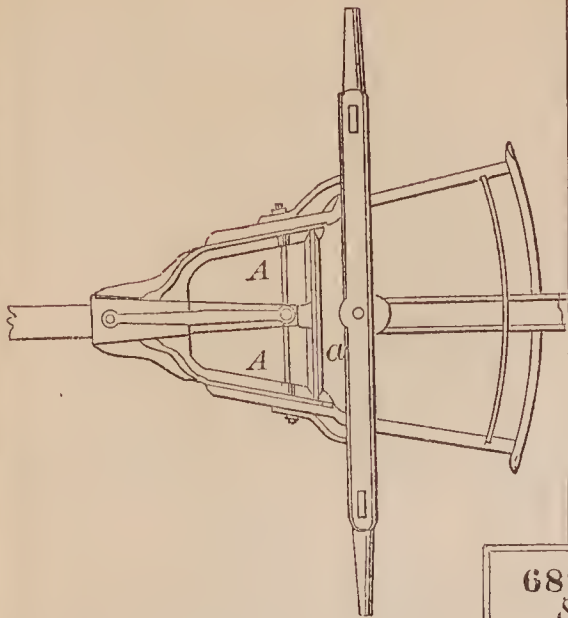
68981—D. Hanna—*Washing Machine.*



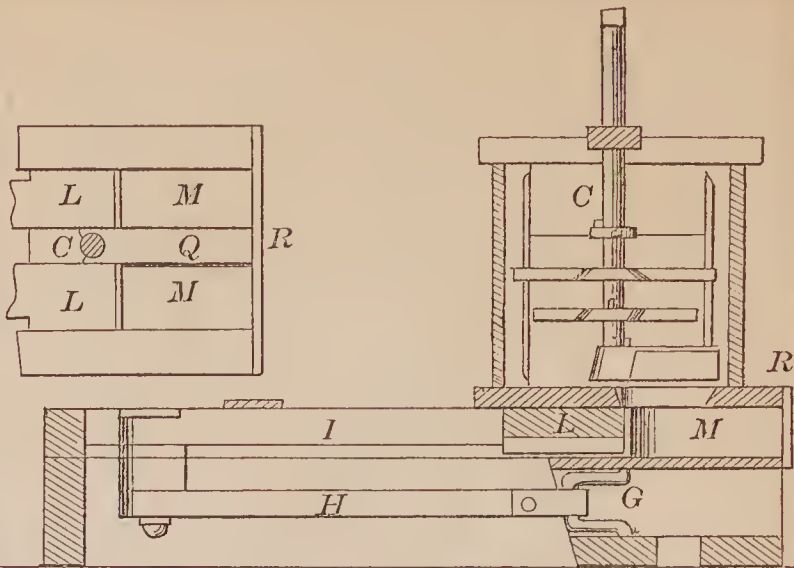
68982—W. R. Harmon—*Shovel Plow.*



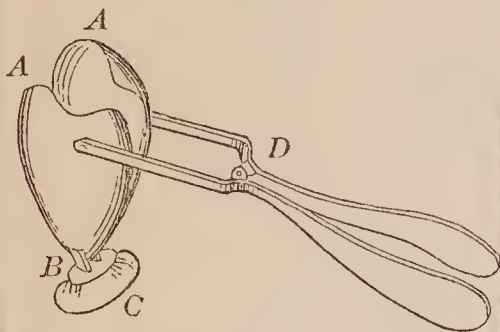
68983—L. D. Harvey—*Wagon.*



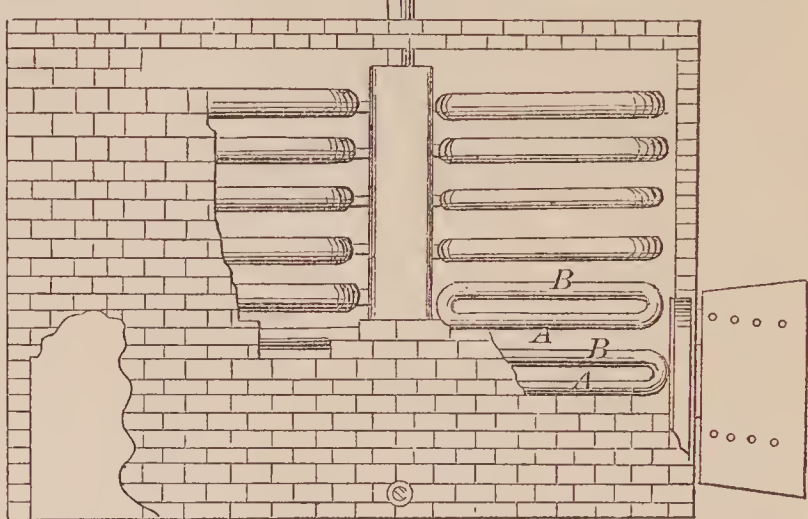
68986—Hotchkiss & Buss—*Brick and Tile Machine.*



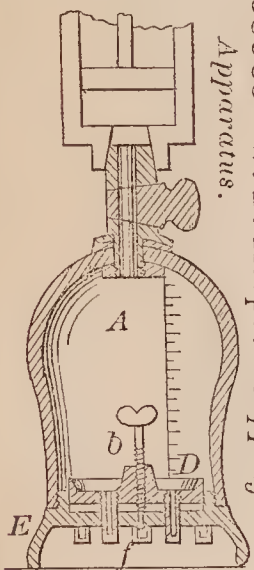
68984—C. Hellen—*Egg Cup and Tongs.*



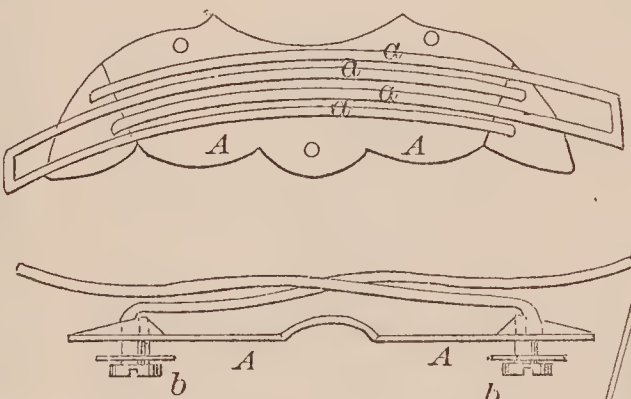
68987—H. Howard—*For Heating Water and Generating Steam.*



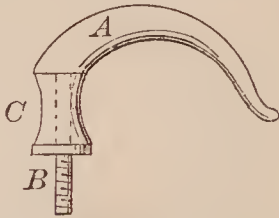
68985—W. D. Hooper—*Cupping Apparatus.*



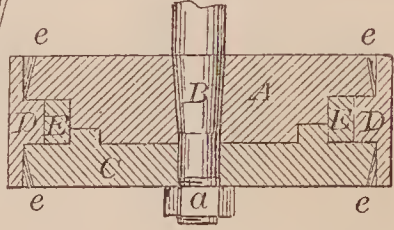
68988—T. A. Huffer—*Rein Holder.*



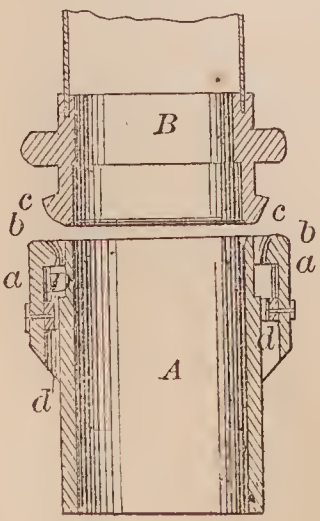
68990—J. H. Jones—*Check Hook.*



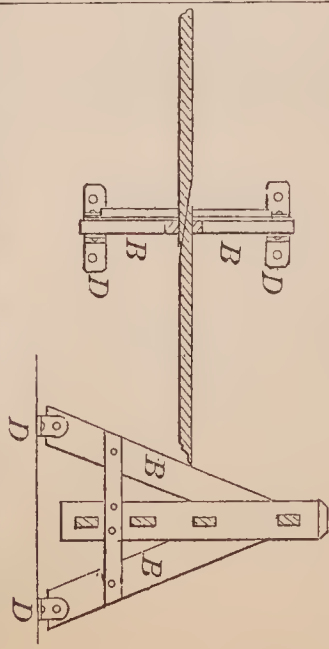
68989—N. Hunt—*Engine Piston.*



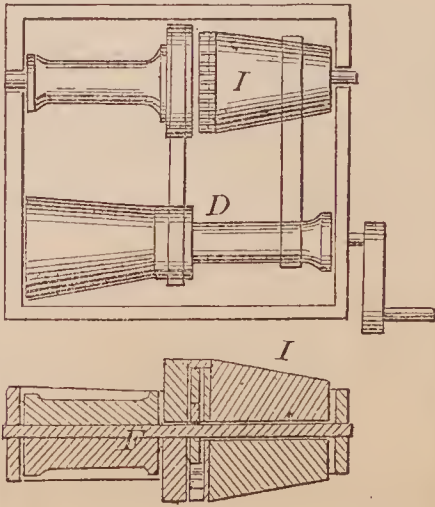
68993—J. Kerns—*Hose Coupling.*



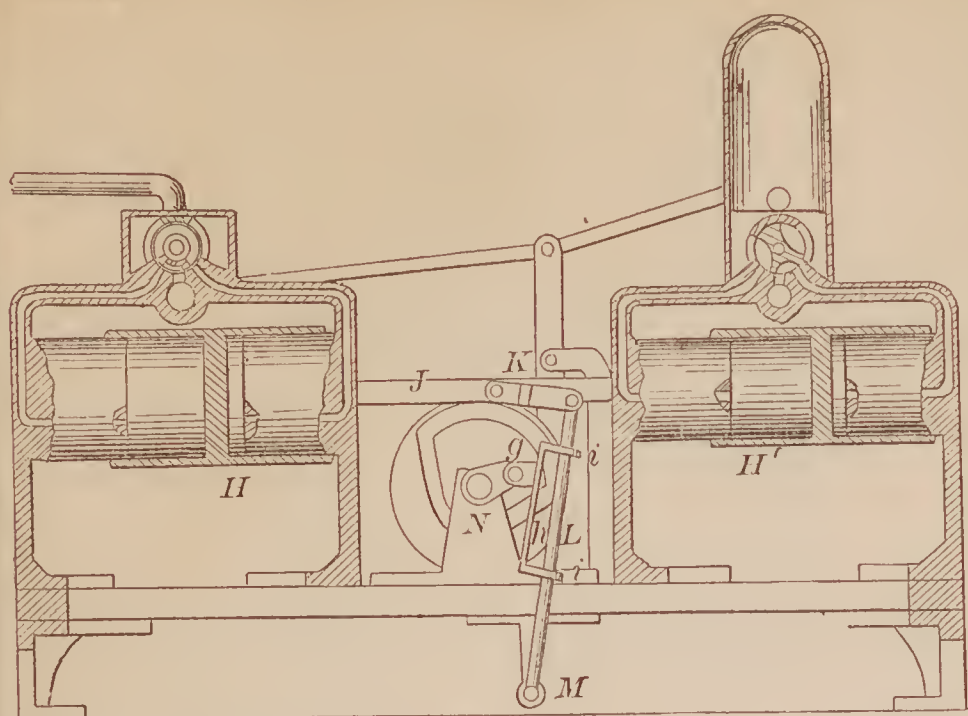
68991—D. Kaufman—*Fence.*



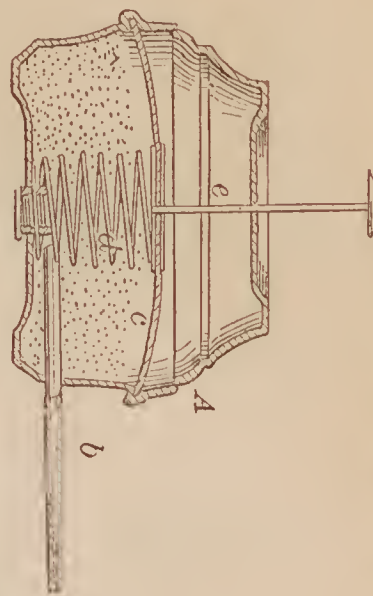
68992—G. B. Keeler—*Hoisting Apparatus.*



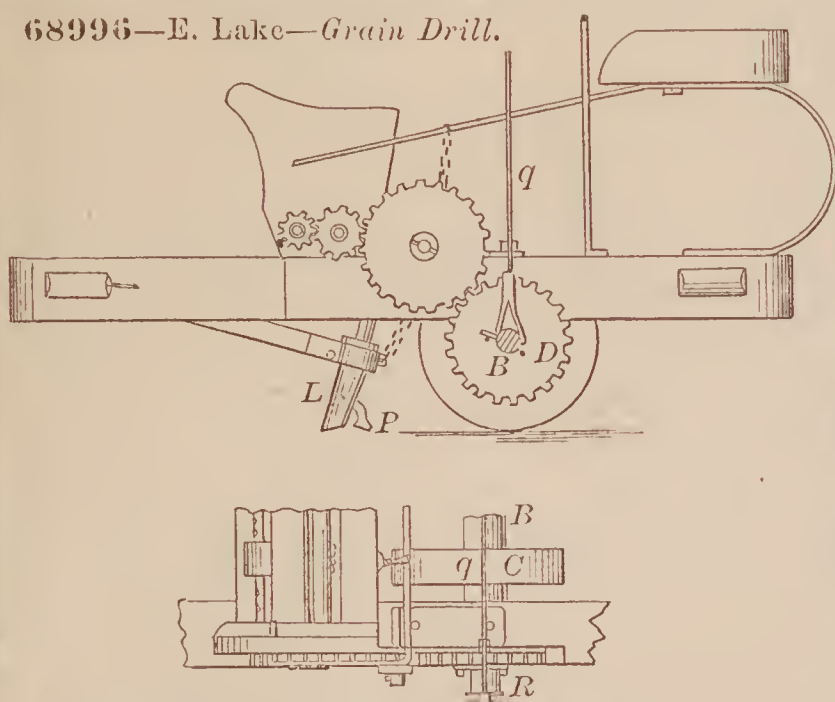
68994—J. C. King—For Operating Valves of Force Pumps.



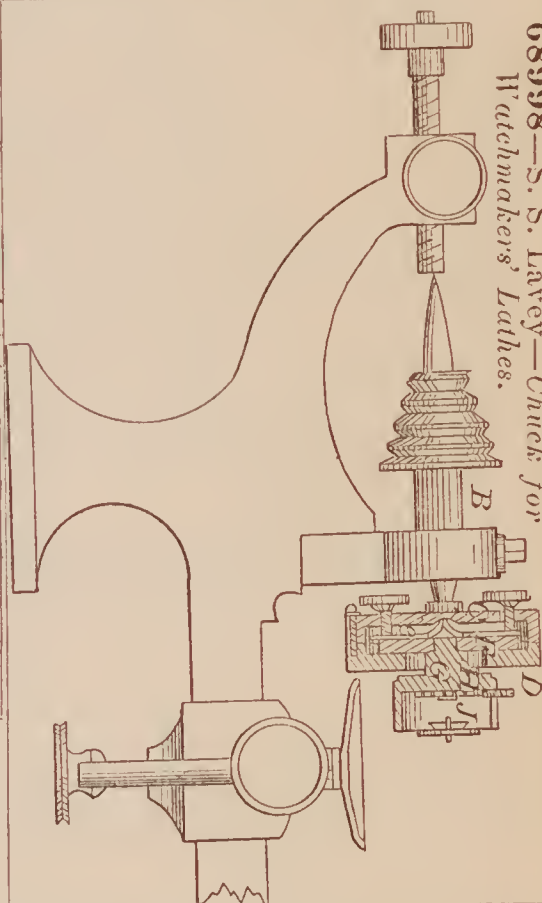
68995—M. Koppe—Injector for Insect Powder.



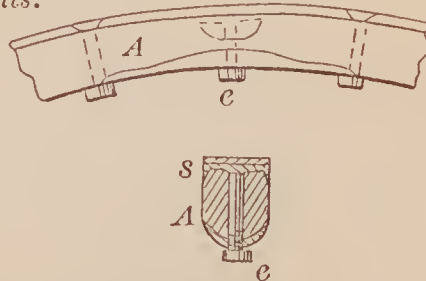
68996—E. Lake—Grain Drill.



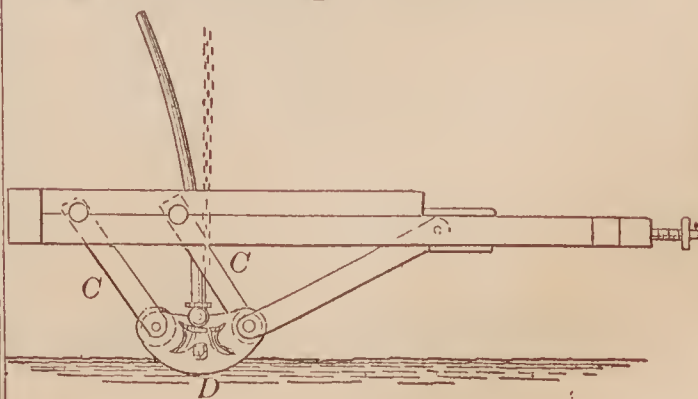
68998—S. S. Lavey—Chuck for Watchmakers' Lathes.



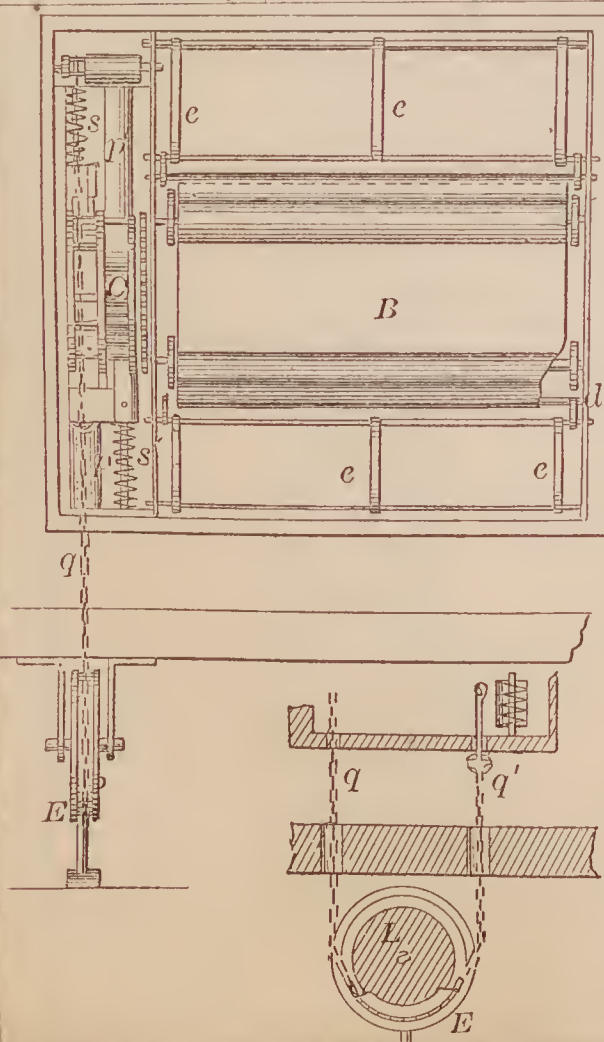
68999—J. W. Lawrence—For Securing Felloe Joints.



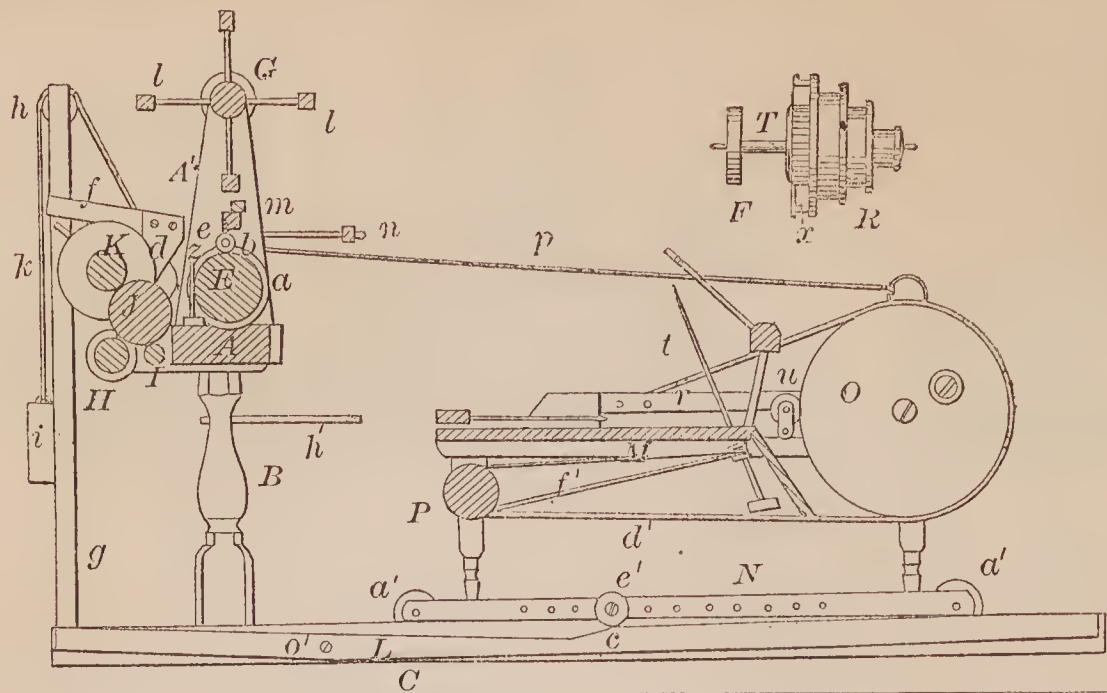
69000—E. T. Ligon—Submarine Plow.



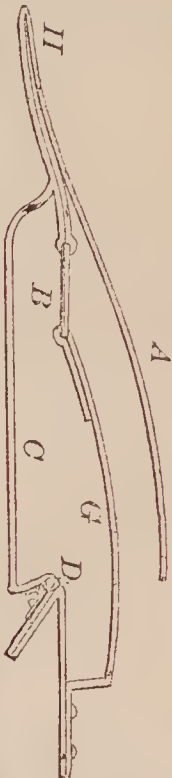
68997—G. T. Lape—Railroad Station Indicator.



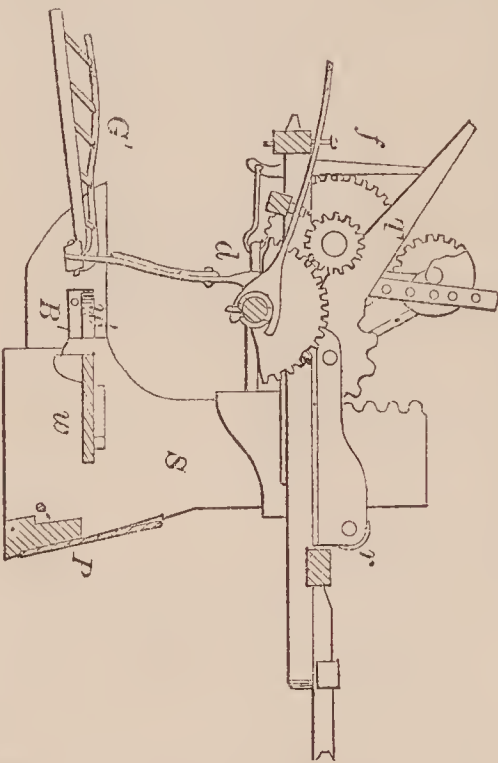
69002—J. Lazier—Spinning Machine.



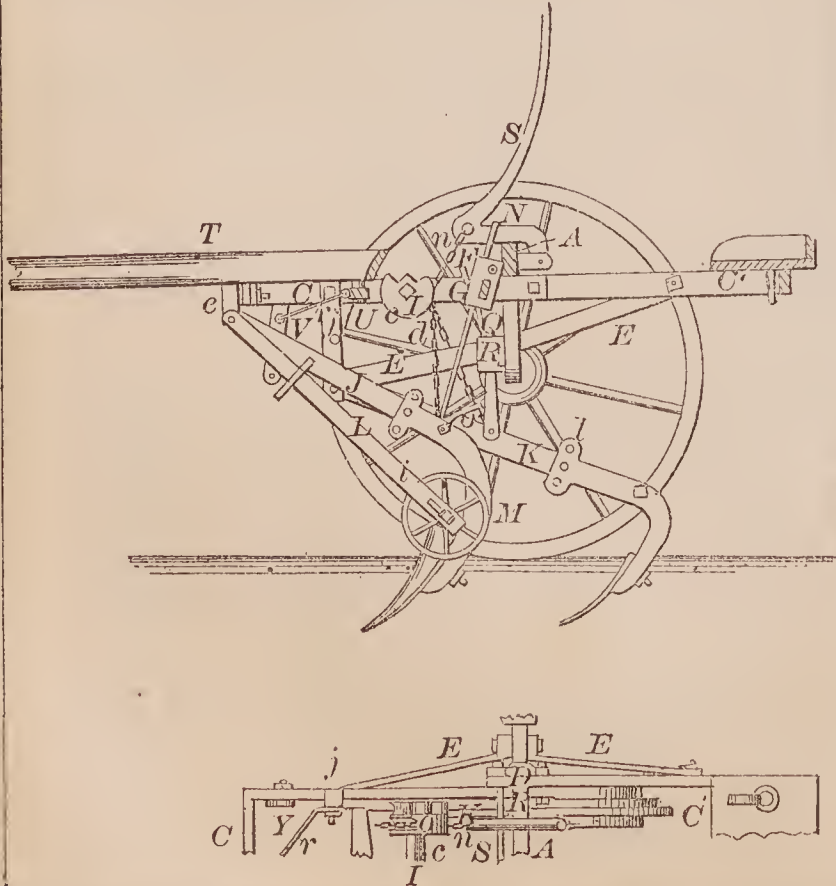
69004—S. Manning—Finger for Lifting Lodged



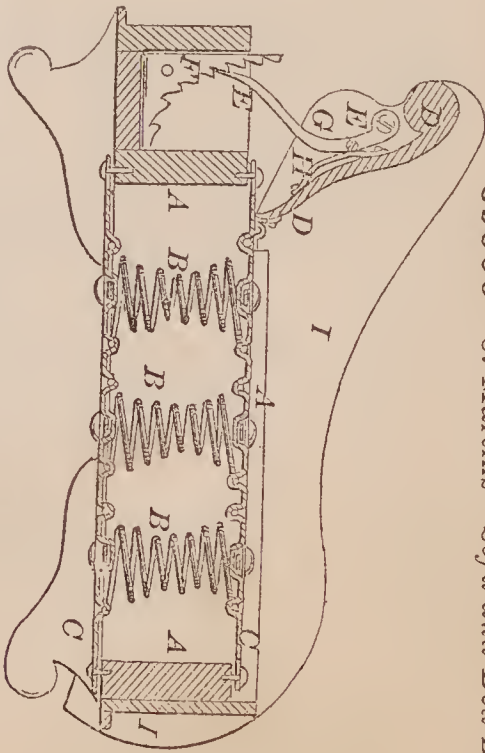
69005—A. Marcellus—Potato Digger.



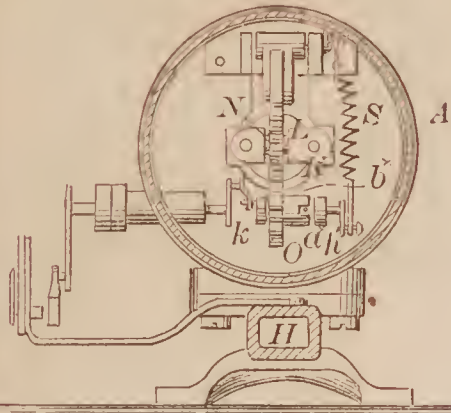
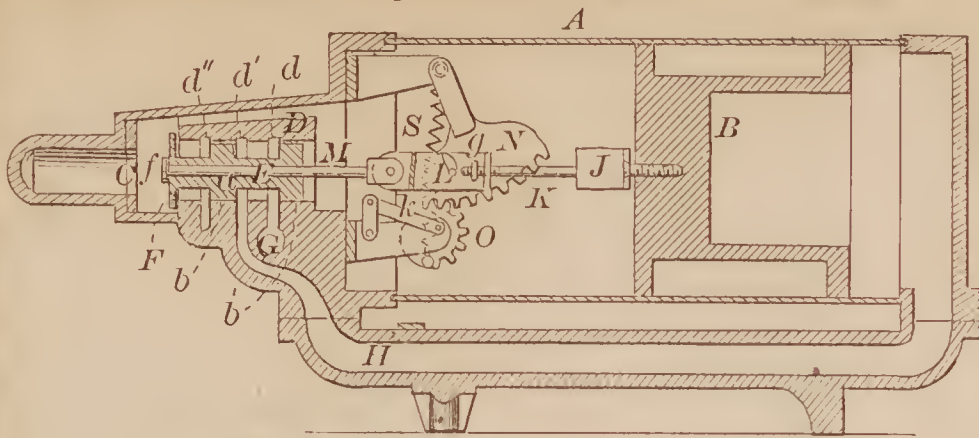
69003—I. B. Mahon—Cultivator.



69006—C. Martins—Sofa and Bed Bottom.



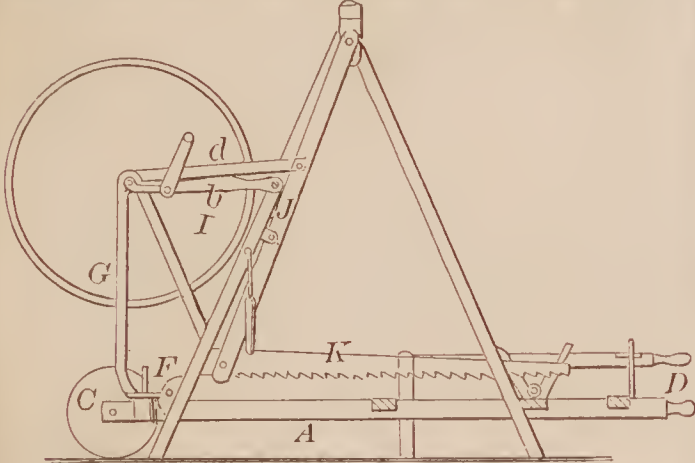
69007—J. Mason—*Liquid and Gas Meter.*



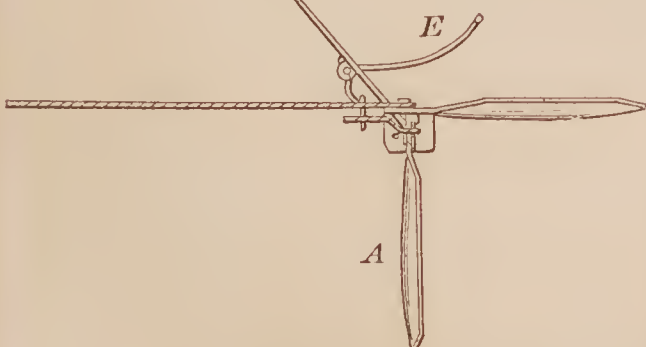
69008—F. McLaughlin—*Brush.*



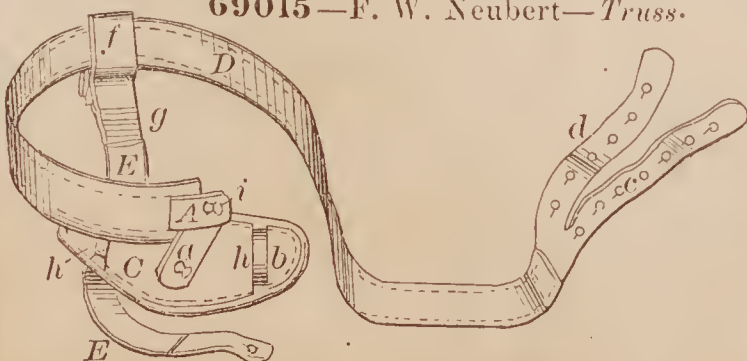
69009—W. S. Mead—*Mechanical Movement.*



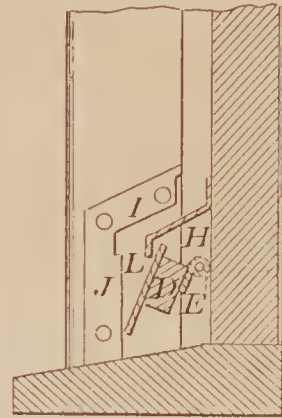
69011—W. H. Miller—*Rake and Spade.*



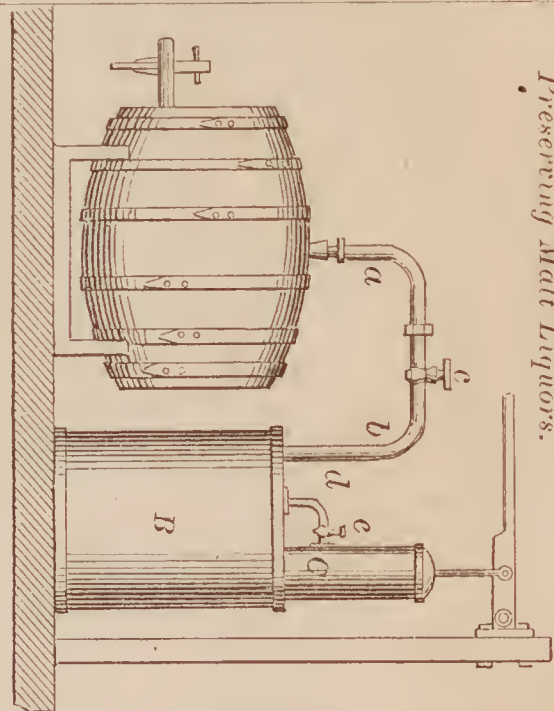
69015—F. W. Neubert—*Truss.*



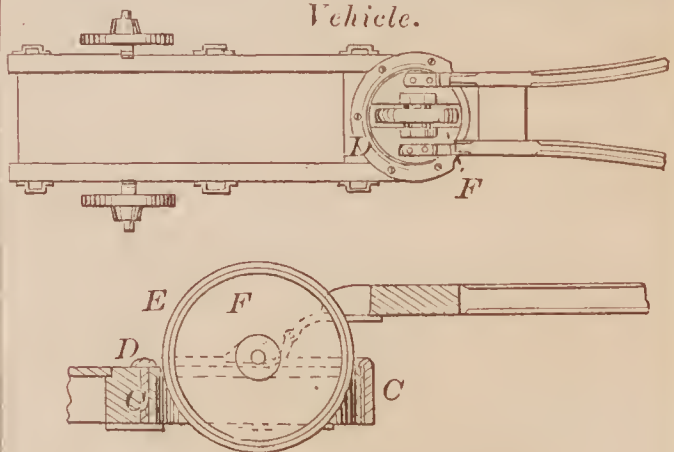
69010—J. H. Miller—*Weather Strip for Doors.*



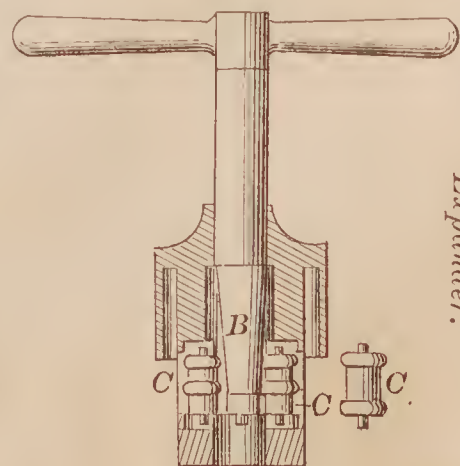
69013—H. Mitterdorf—*For Dyeing and Preserving Malt Liquors.*



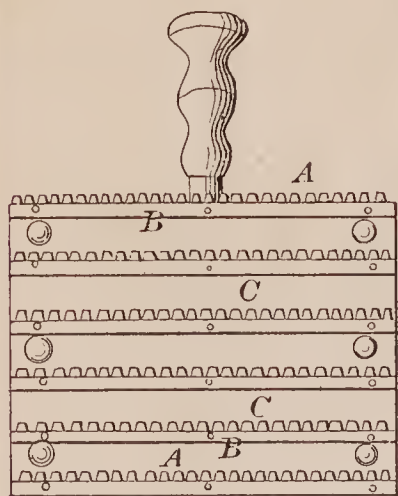
69012—Minor & Ward—*Three-Wheeled Vehicle.*



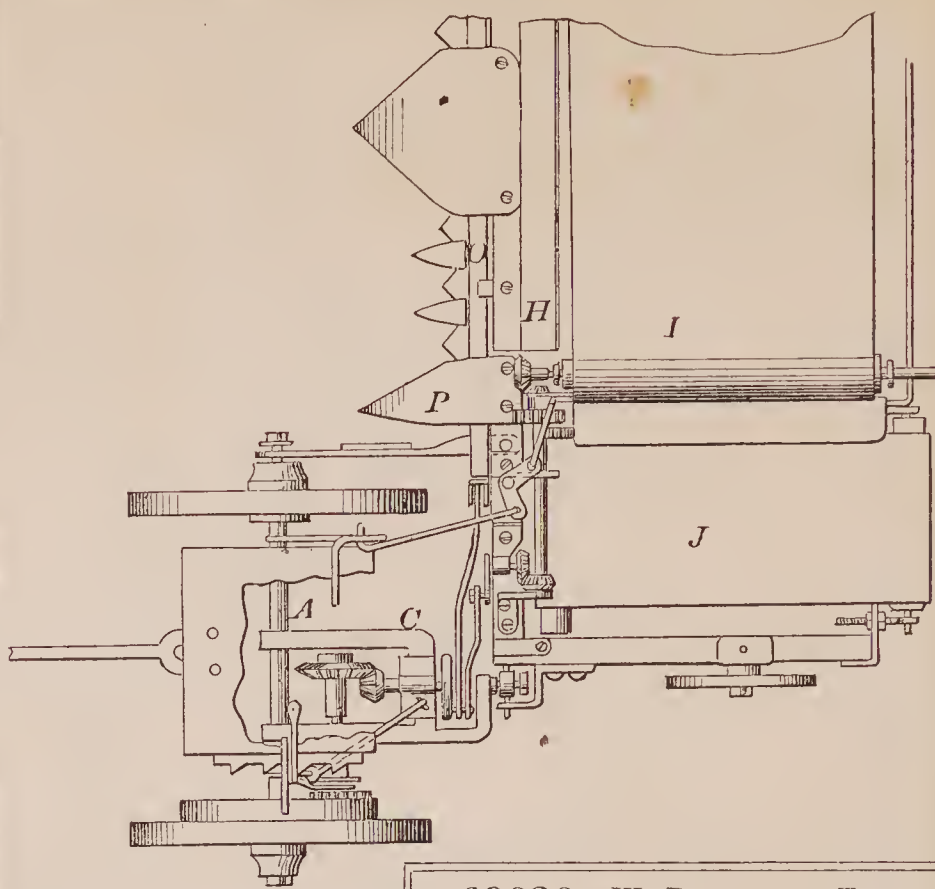
69014—E. J. Moore—*Tube Expander.*



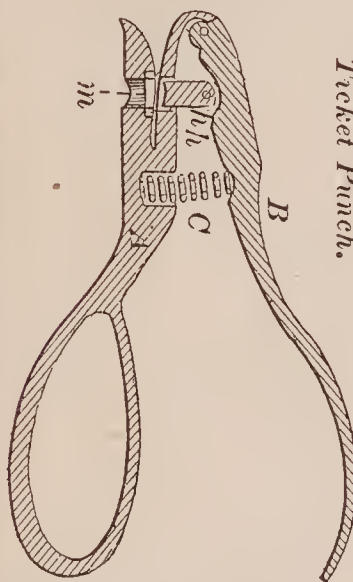
69016—E. M. Noyes—*Curry Comb.*



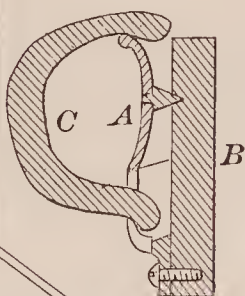
69018—G. M. Peters—*Harvester.*



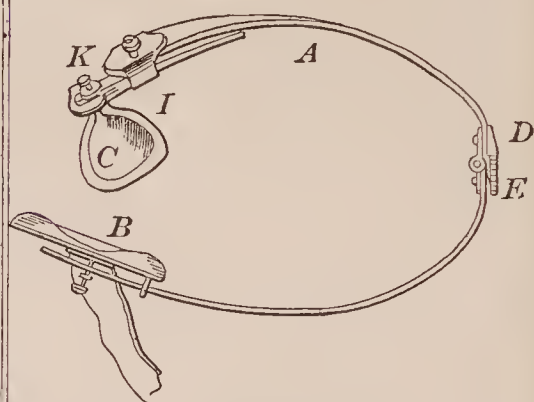
69019—W. J. Phelps—*Conductors' Ticket Punch.*



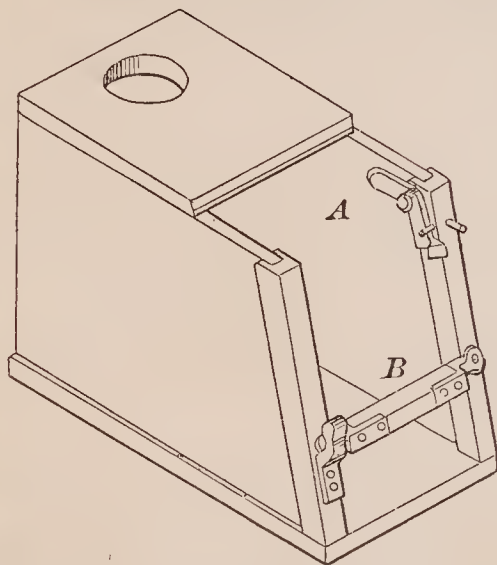
69021—S. S. Putnam—*Clothes Hook.*



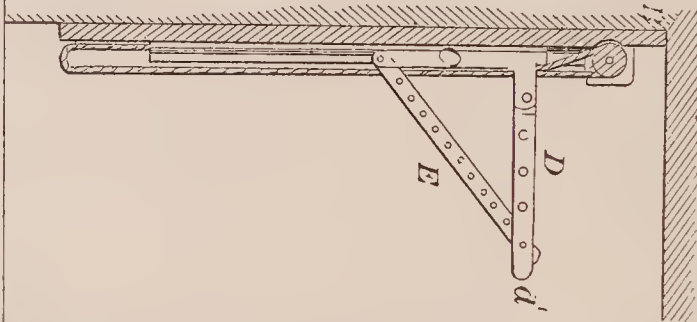
69020—W. Pomeroy—*Truss.*



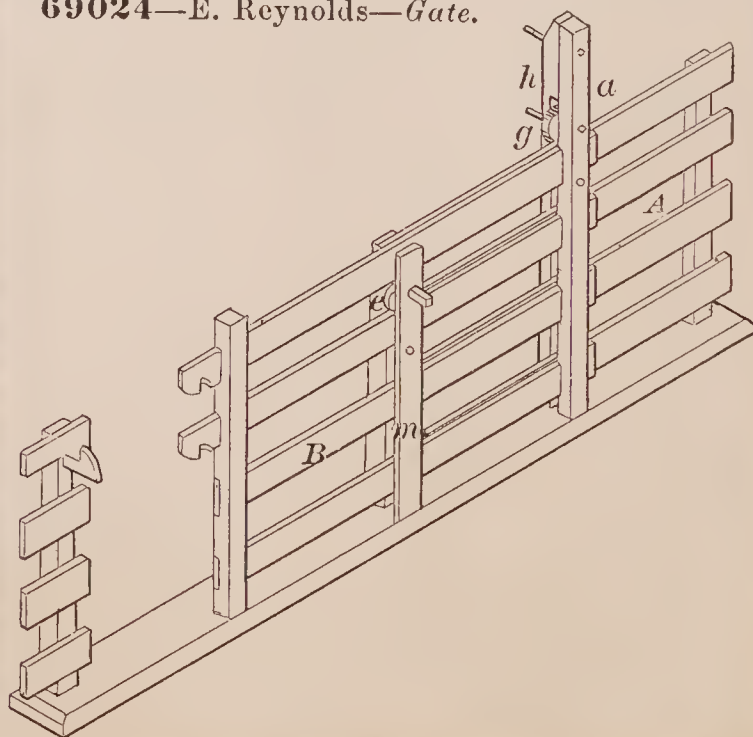
69022—S. S. Putnam—*Stall for Animals.*



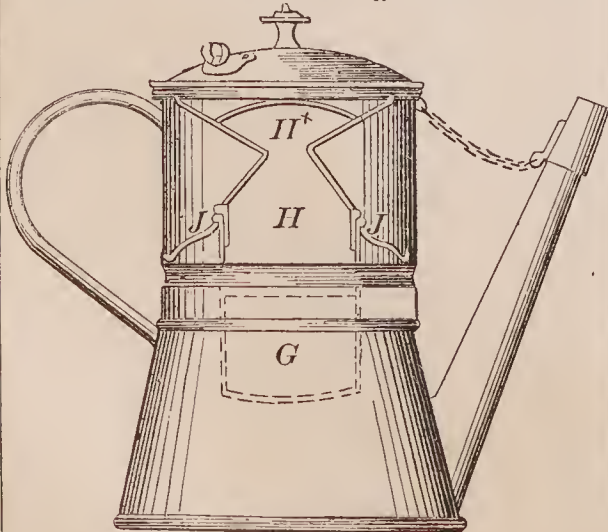
69023—Randall & Williams—*Clothes Dryer.*



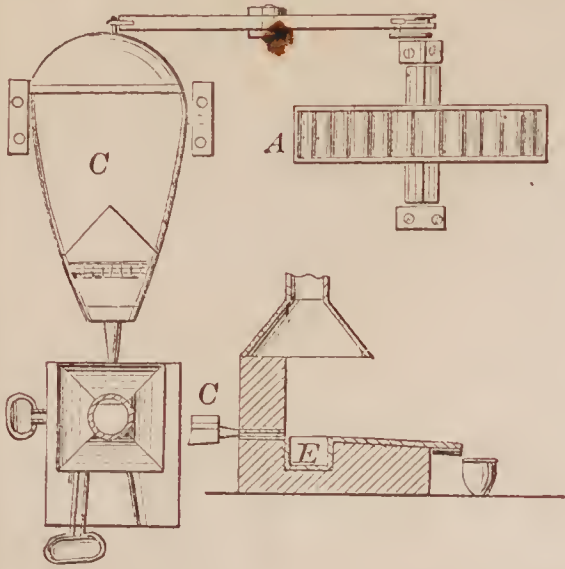
69024—E. Reynolds—*Gate.*



69017—P. Perry—*Coffee Pot.*



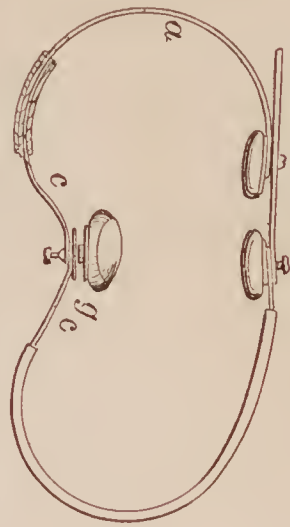
69025—A. H. Richardson—*For Smelting Ores of Silver.*



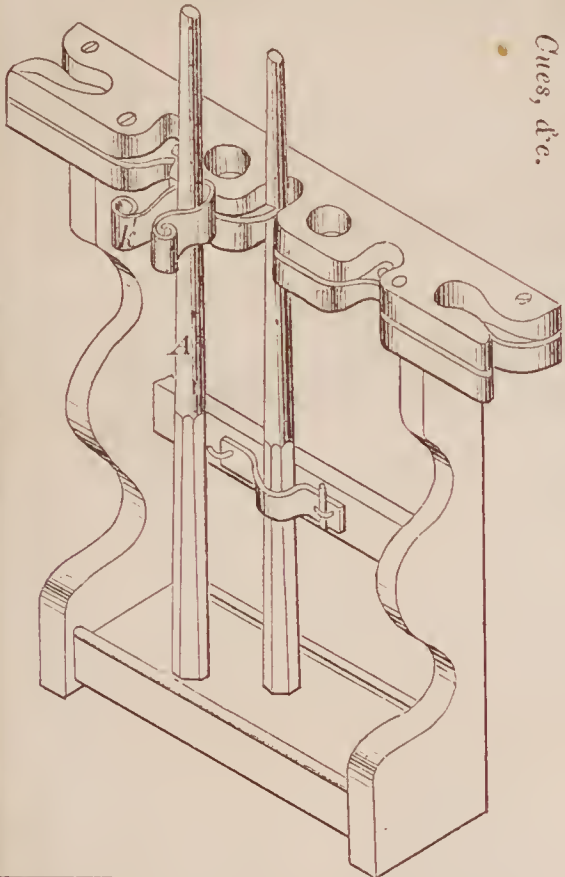
69027—D. C. Robie—*Hitching Post.*



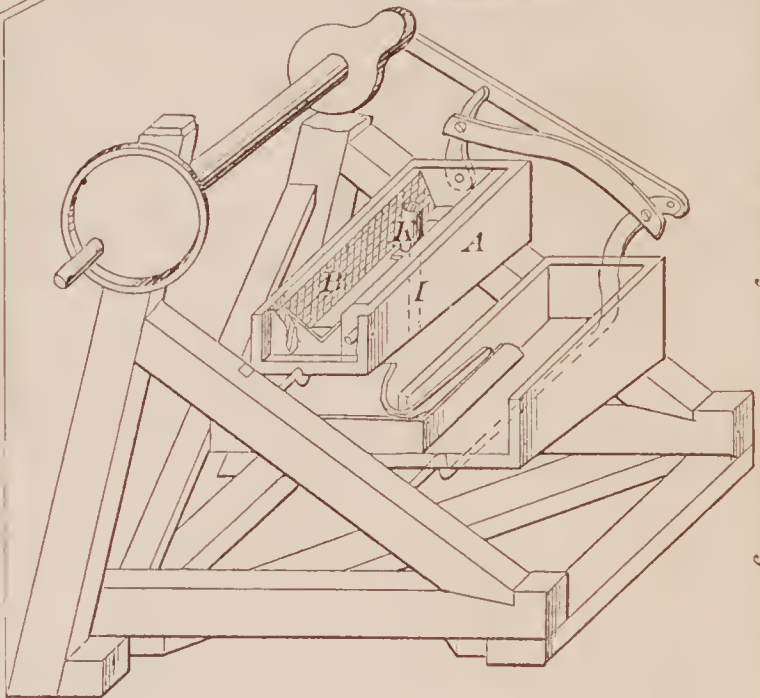
69028—J. L. Rowe—*Truss.*



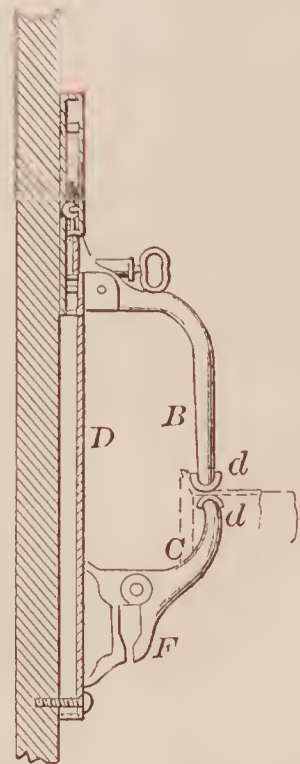
69026—E. Richmond—*Rack for Brooms, Billiard Cues, &c.*



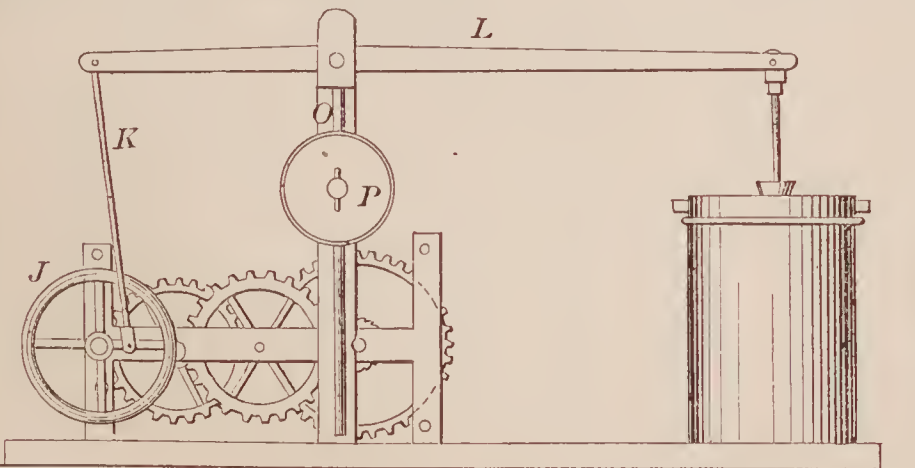
69030—N. S. Ryder—*For Washing Ores.*



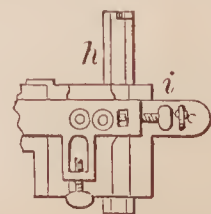
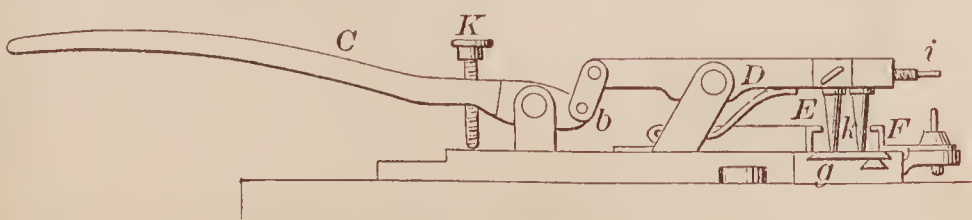
69032—W. Schmitt—*Coat and Hat Hook.*

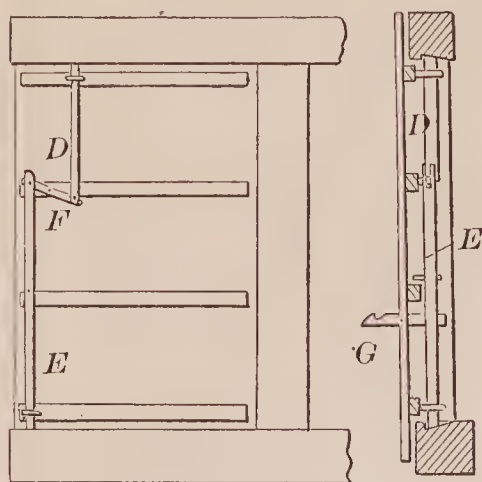
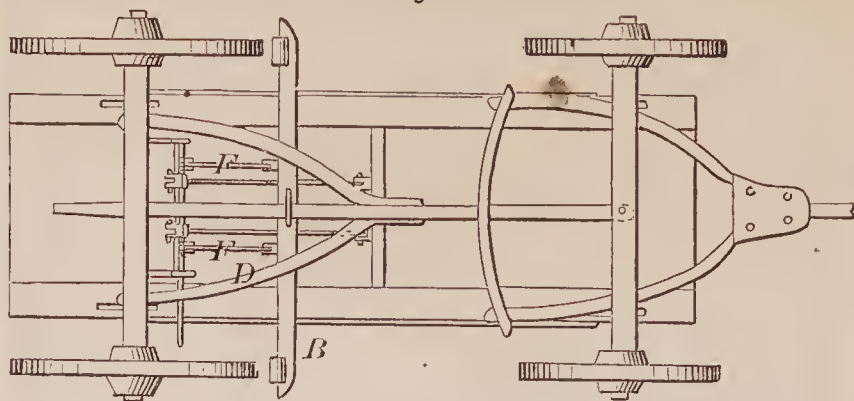
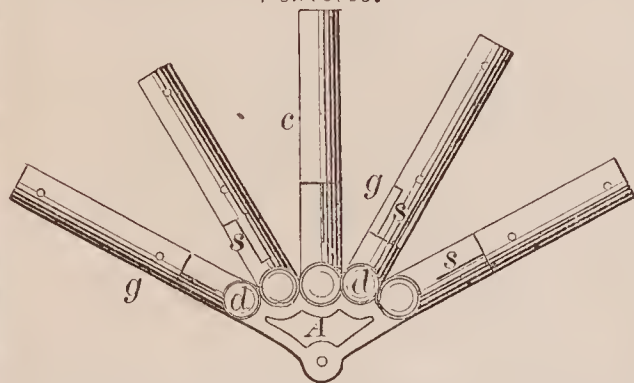
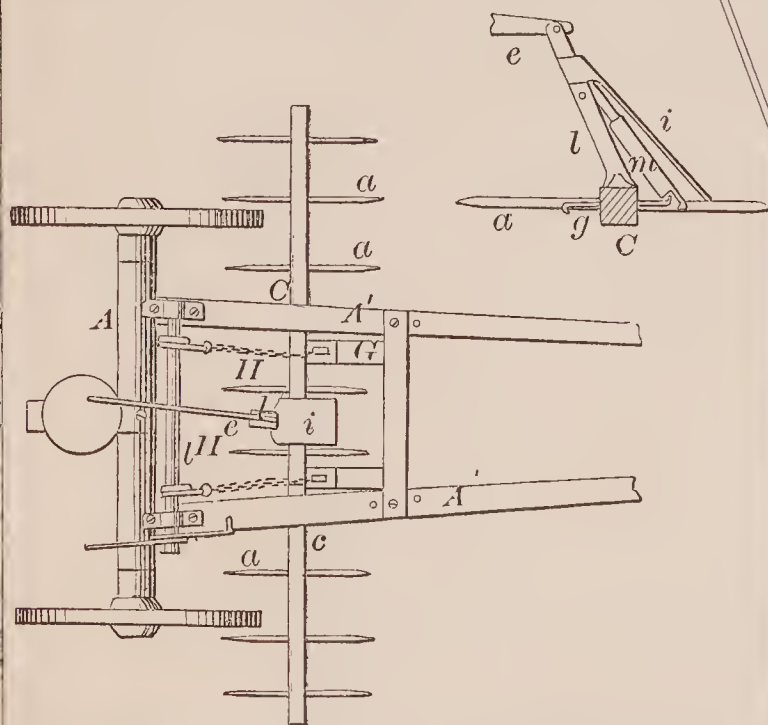
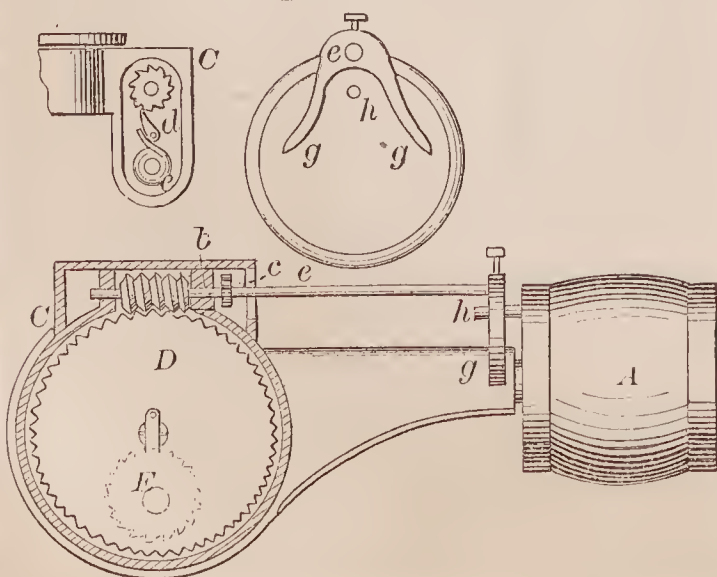
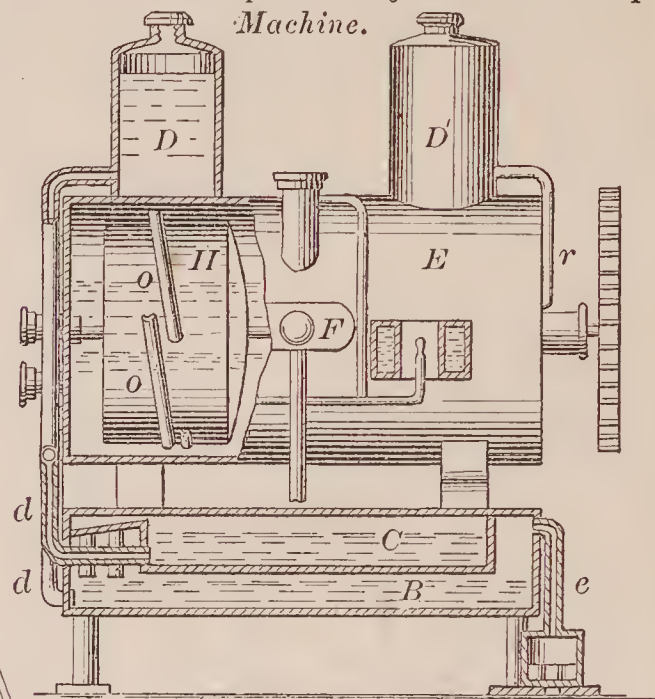
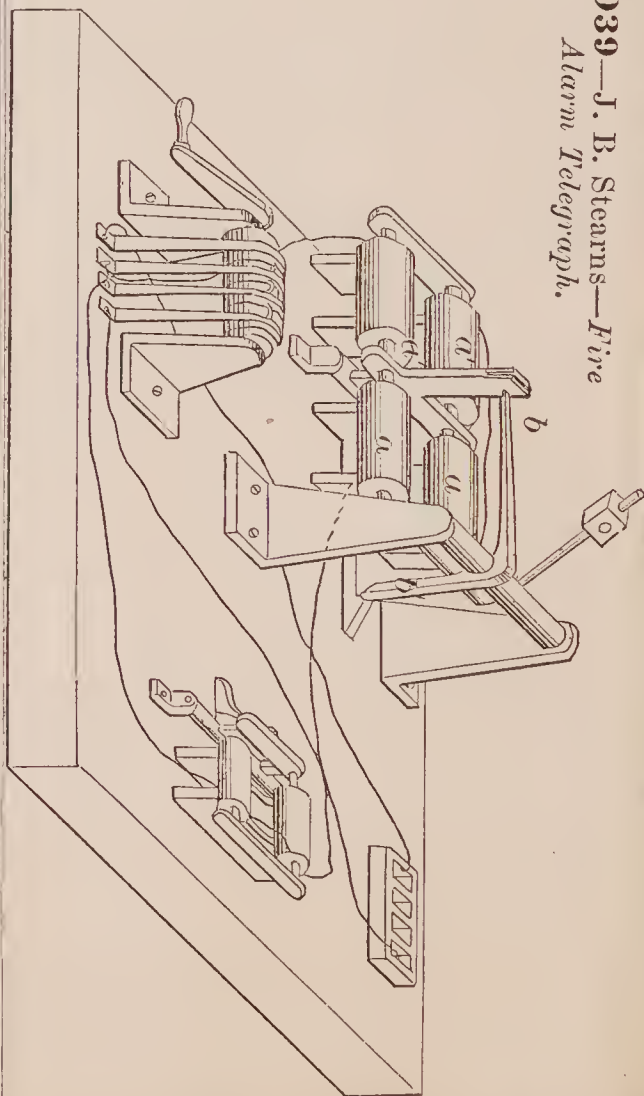


69029—M. V. B. Rowley—*Churn.*

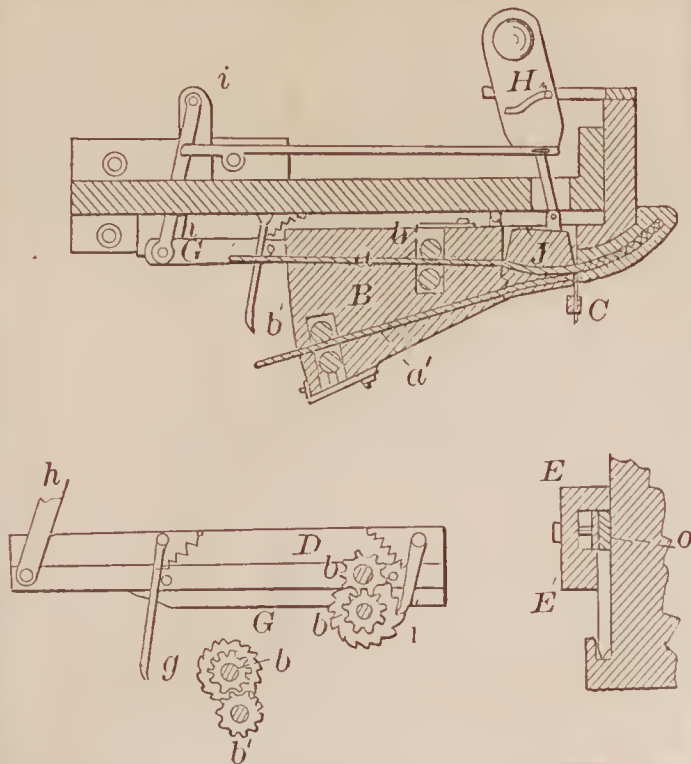


69031—Schindler & Metzger—*Punch.*

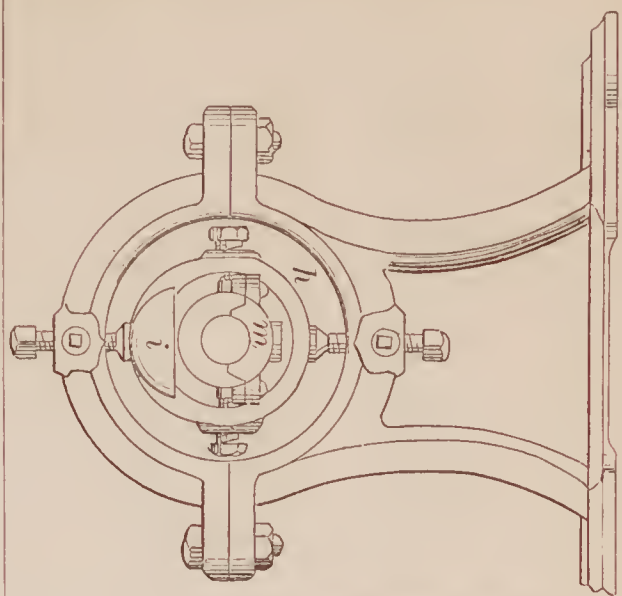


69033—A. H. Sherwood—*Door Bolt.***69035**—A. P. Smith—*Wagon Brake.***69034**—G. W. Slater—*Bow Irons for Vehicles.***69036**—G. W. Snyder—*Horse Rake.***69038**—J. C. Spencer—*Odometer.***69037**—J. F. Spence—*Hydro-Carbon Vapor Machine.***69039**—J. B. Stearns—*Fire Alarm Telegraph.*

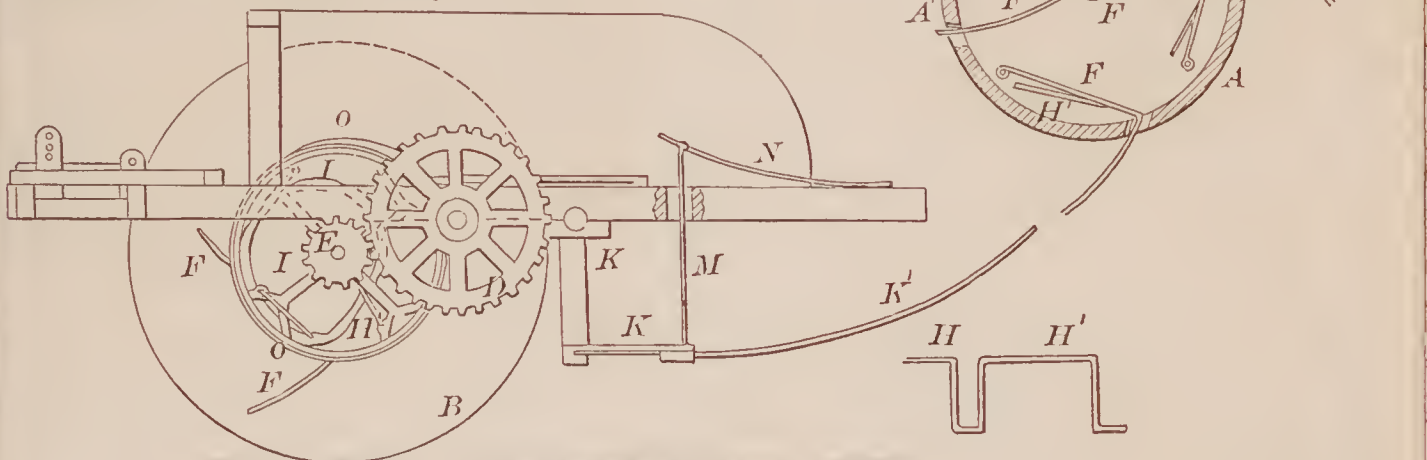
69040—H. C. Stone—*Pegging Machine.*



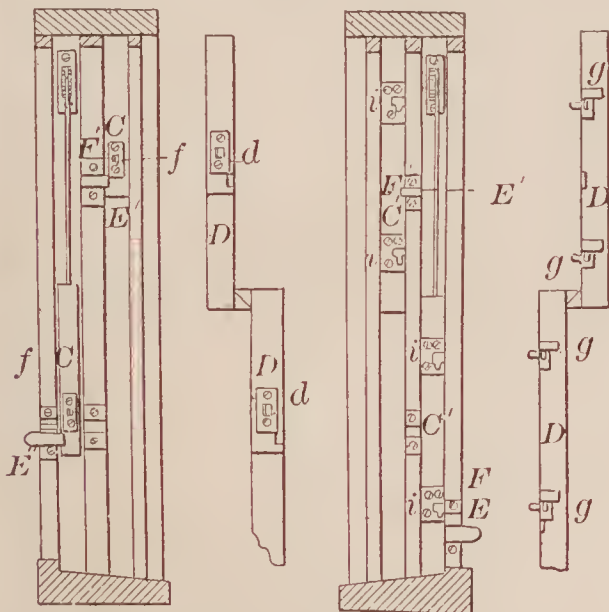
69041—J. M. Stone—*Hanger.*



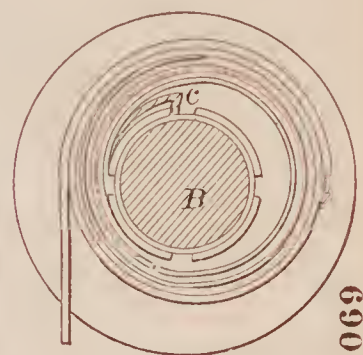
69045—C. M. Terrell—*Hay Shocker.*



69046—R. Thomas—*Window Sash.*

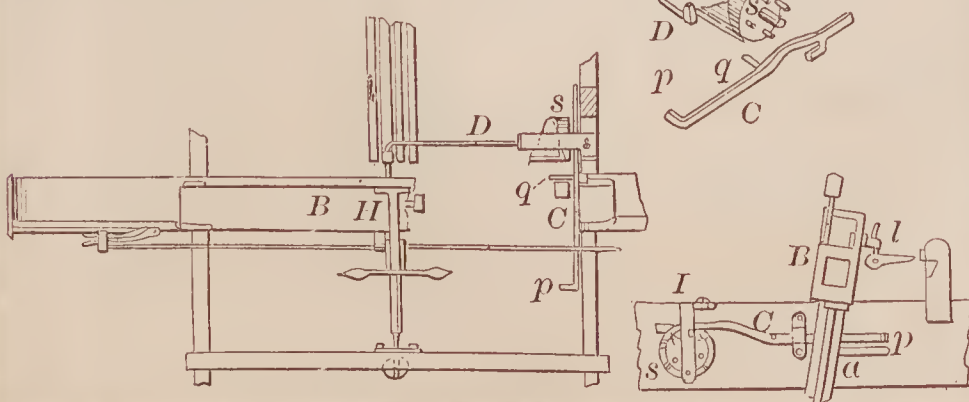


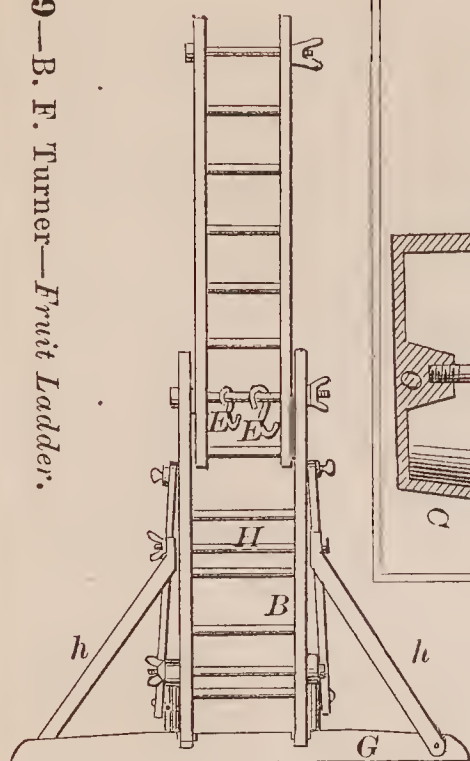
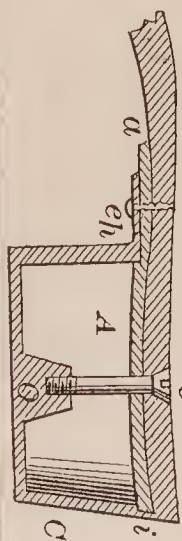
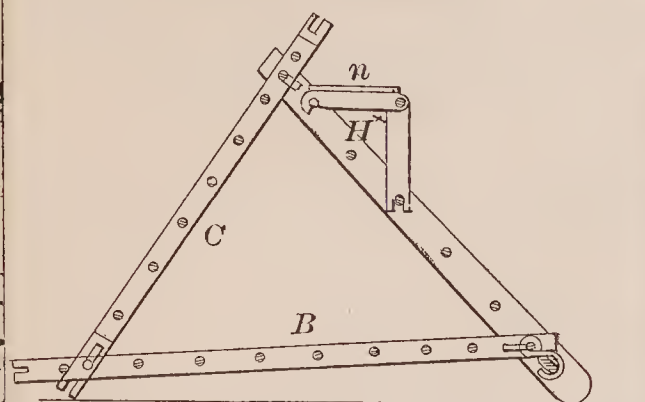
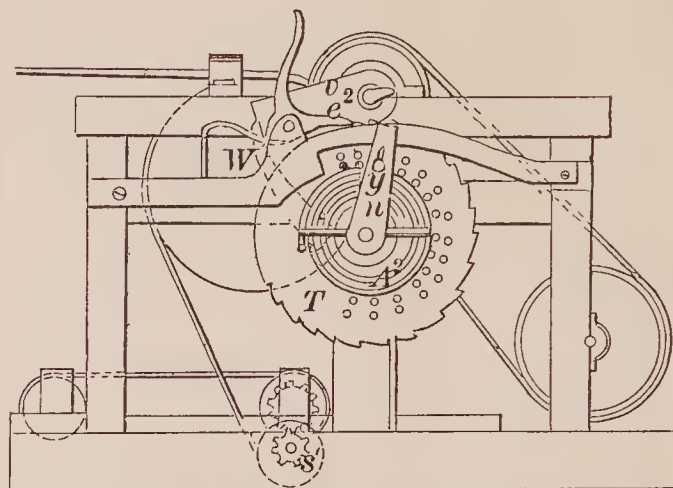
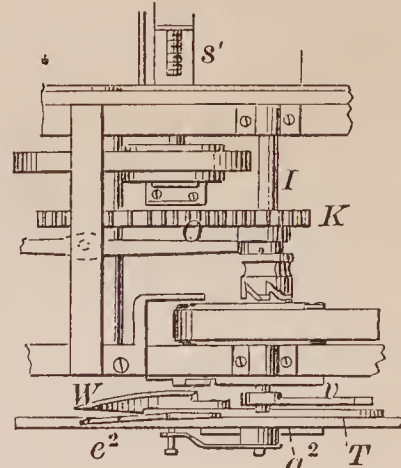
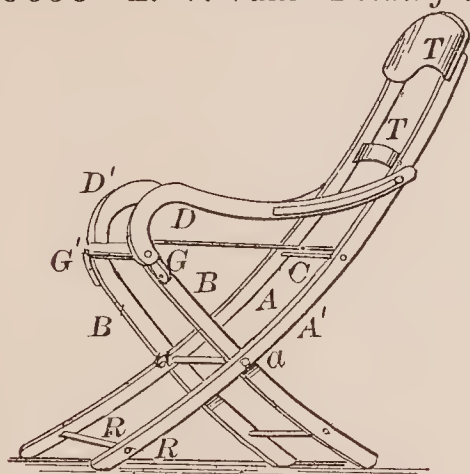
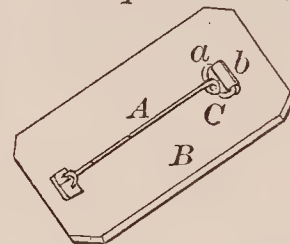
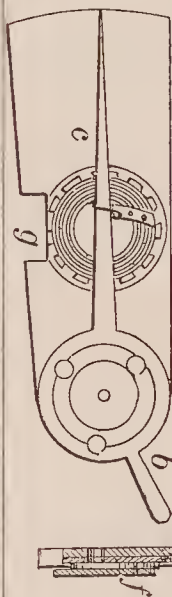
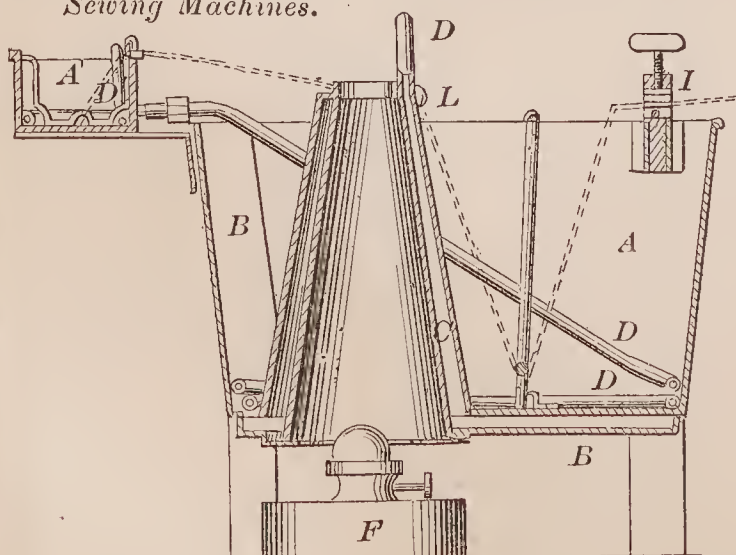
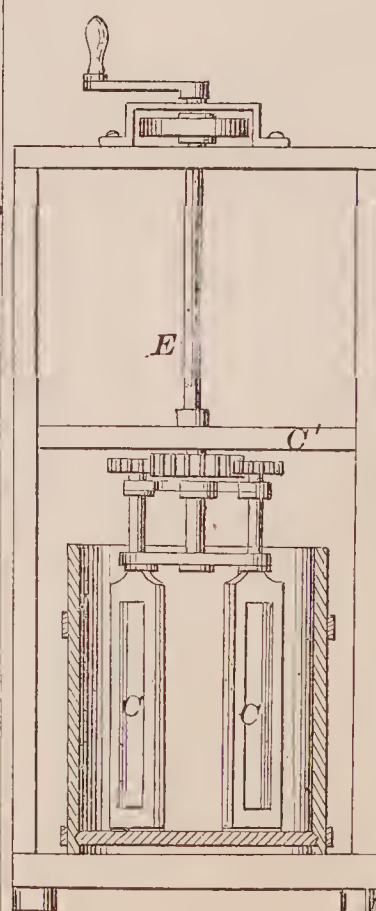
69044—J. W. Taylor—*Shaft Coupling.*



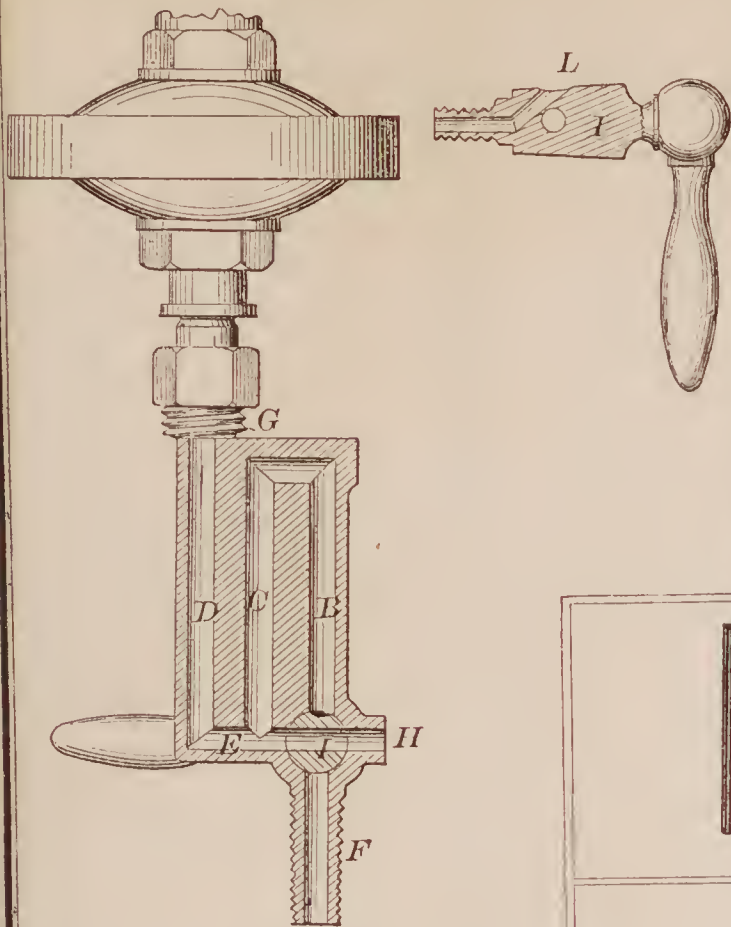
69048—J. B. Thornton—*For Hitching Horses*

69047—Thompson & Fox—*Hand Loom.*

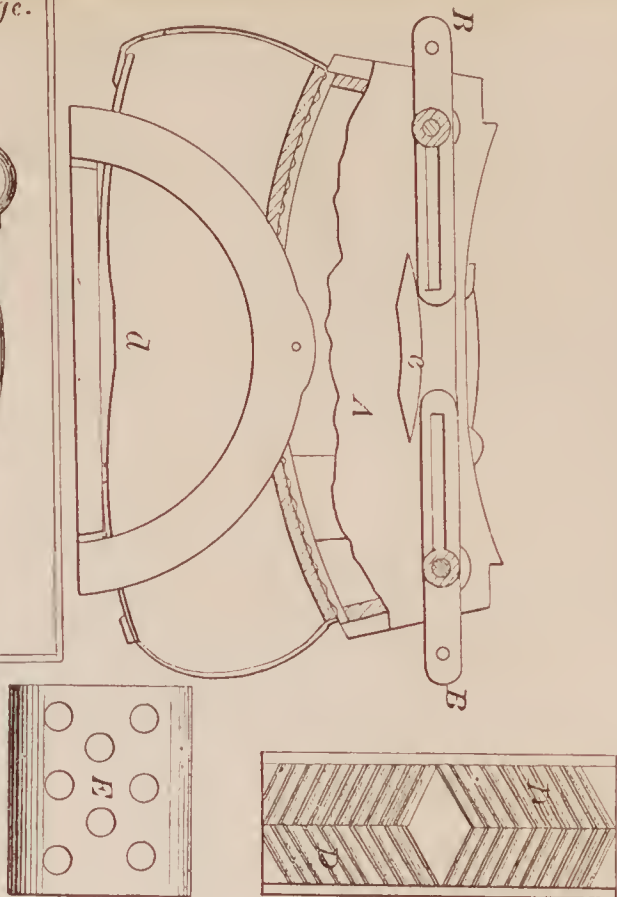


69049—B. F. Turner—*Fruit Ladder.***69051**—R. Vandervort—*Boot Heel.***69055**—T. Whitmore—*Head Block for Saw Mills.***69050**—E. W. Vaill—*Folding Chair.***69052**—A. K. P. Walker—*Breastpin Fastening.***69053**—A. Warren—*Regulating Device for Watches.***69056**—L. R. Wiggin—*Waxing Device for Sewing Machines.***69054**—G. Watkins—*For Mixing Liquids.*

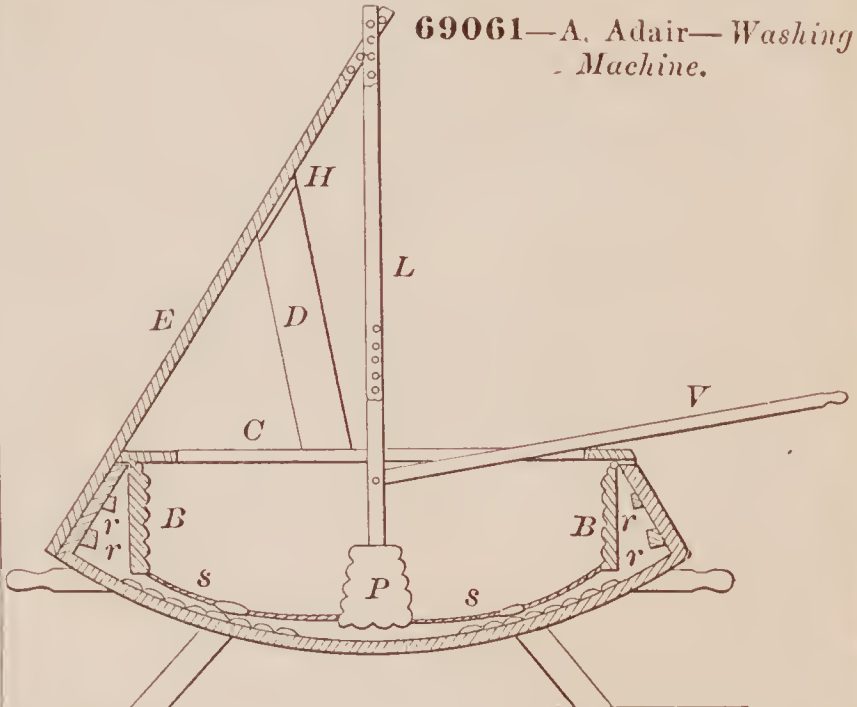
69057—C. A. Wilson—Steam Pressure Gauge.



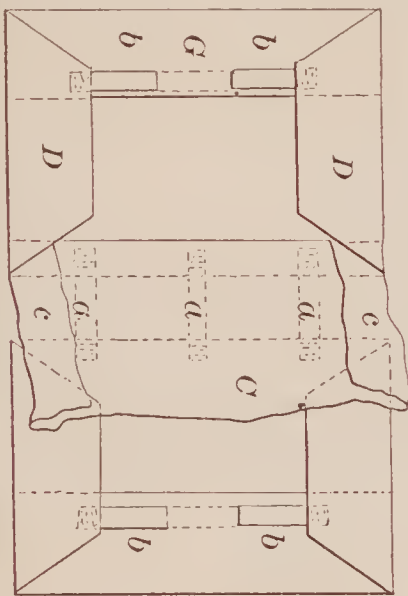
69059—J. W. Woodruff—Washing Machine.



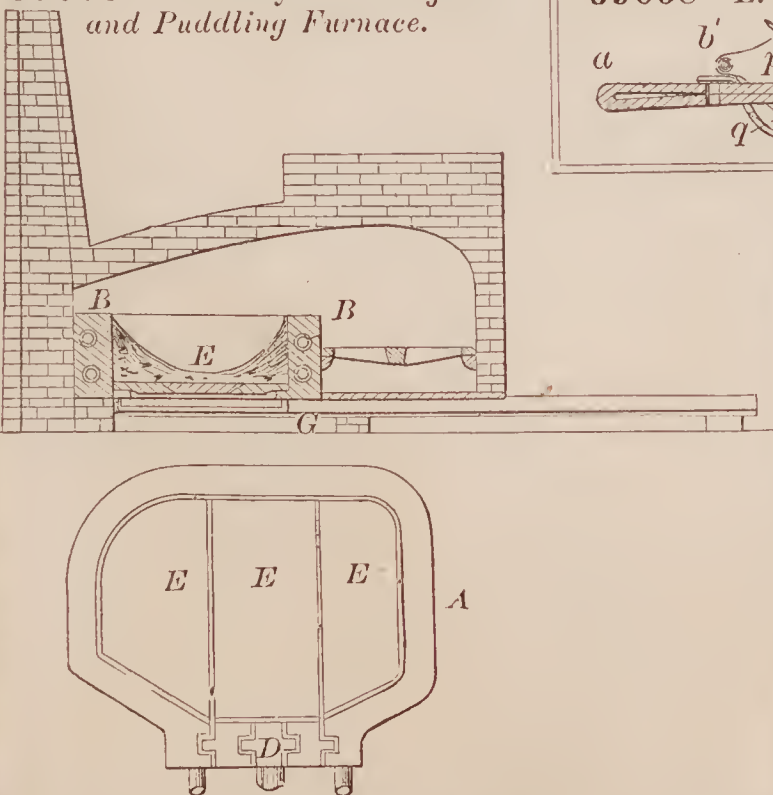
69061—A. Adair—Washing Machine.



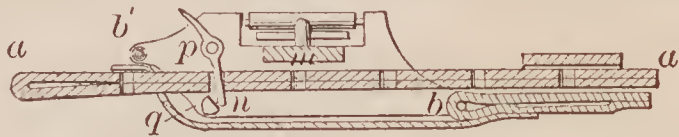
69062—Alexander & Osborn—Book Cover Protector.



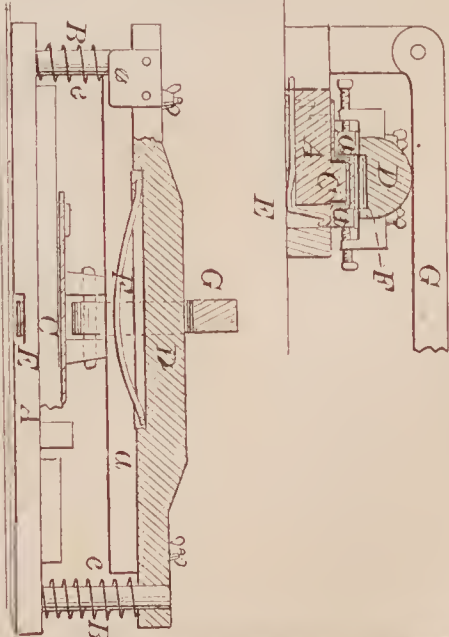
69063—W. Batty—Heating and Puddling Furnace.

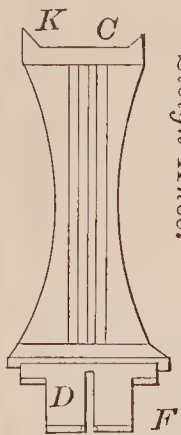
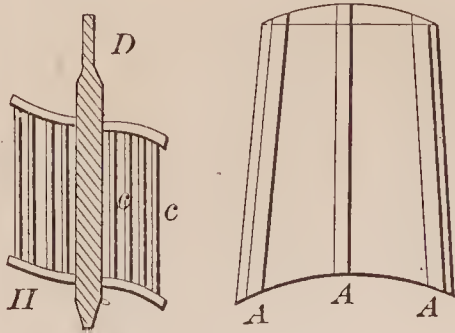
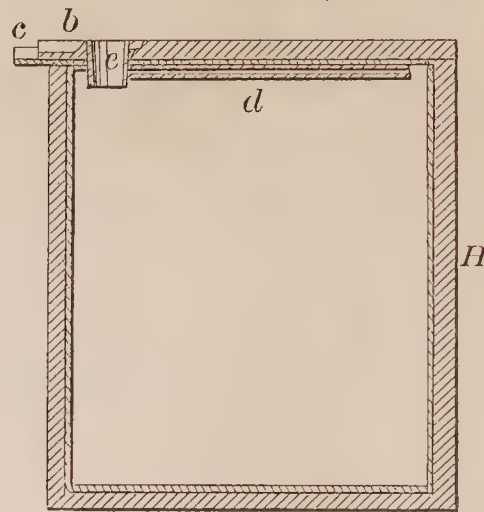
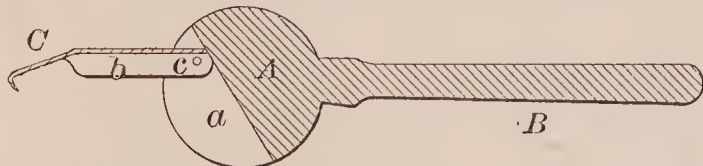
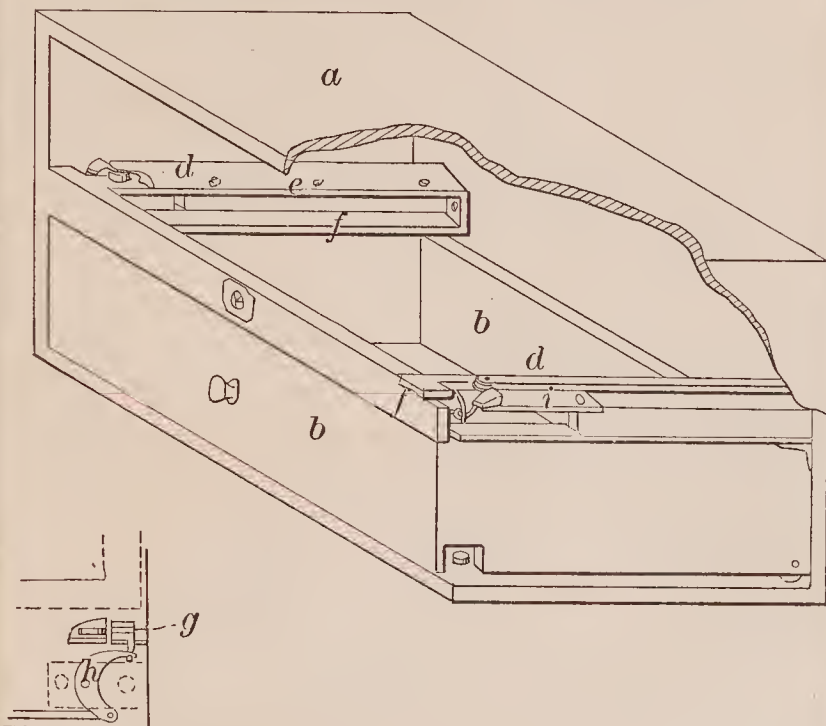
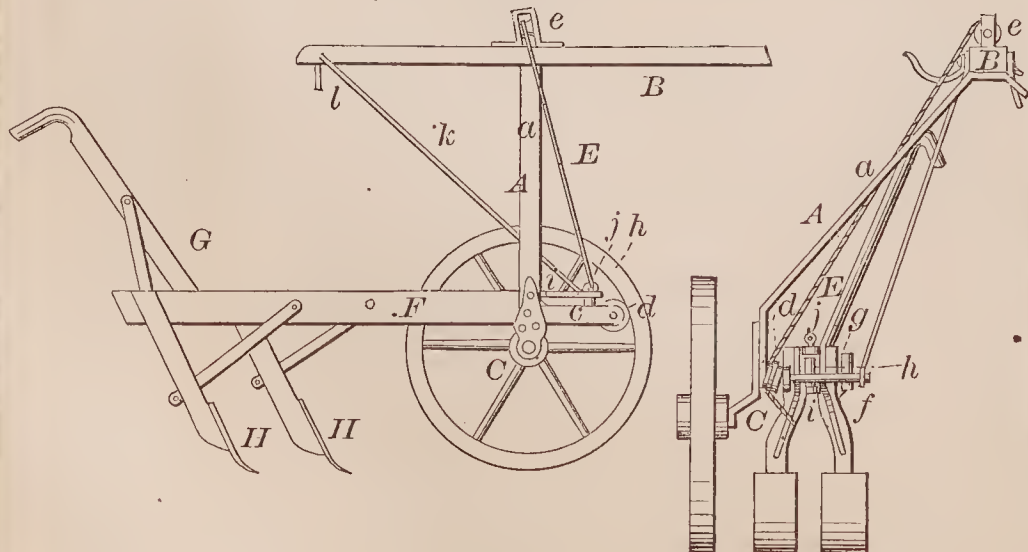
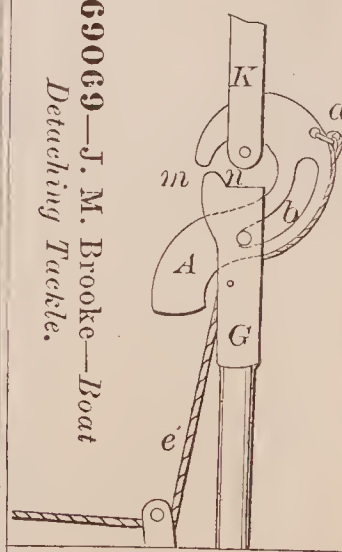
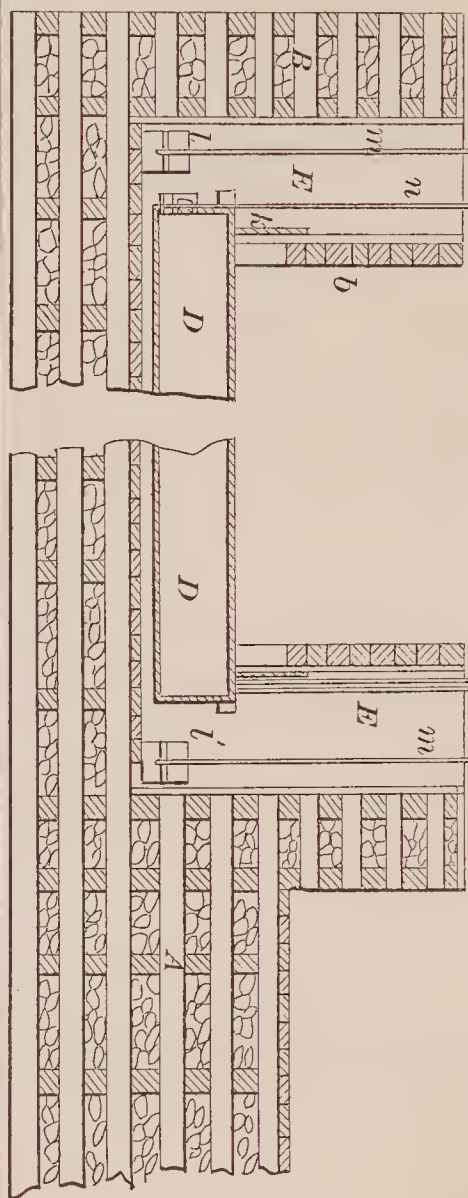


69058—E. B. Winslow—Trace and Pad Buckle.

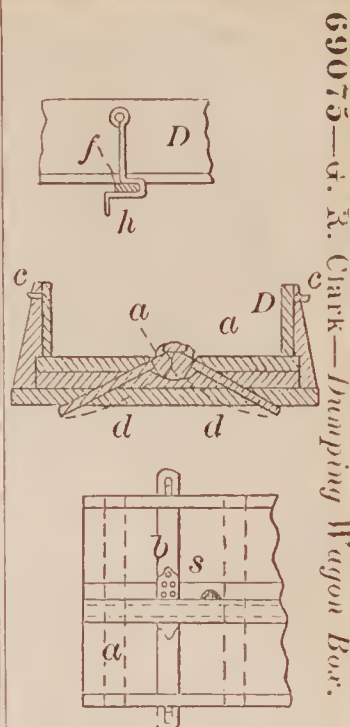
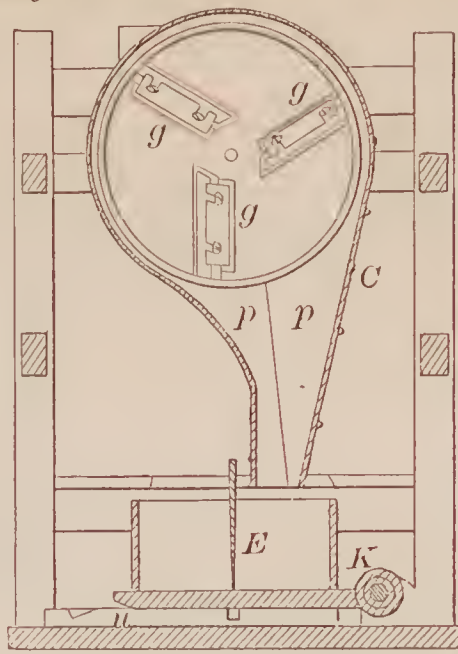
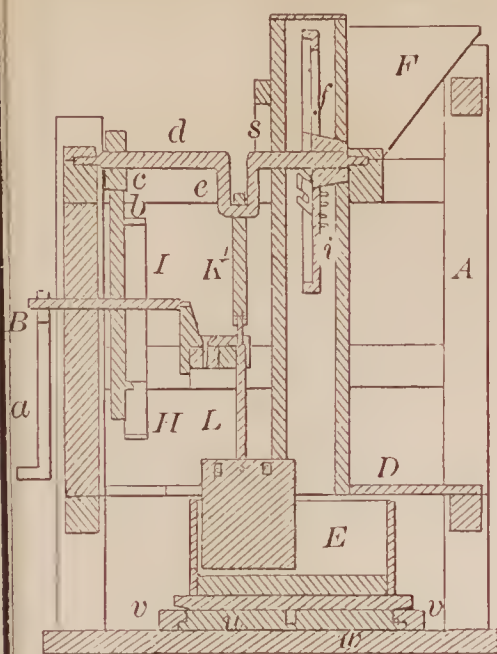


69060—J. N. Woodward—Bending Machine.

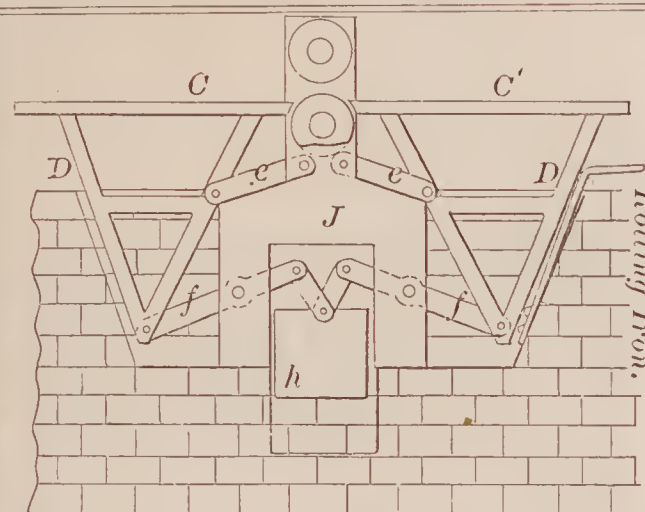


69064—W. D. Baughn—*Metal**Sleigh Knee.***69065**—S. & M. Bear—*Churn.***69067**—W. Bonner—*Extension*
Nozzle and Ventilating Oil Can.**69066**—Bliss & Adams—*Boot Shank Laster.***69068**—C. Brada—*Drawer for Furniture.***69072**—P. L. Butler—*Rein Snap.***69071**—M. C. Buffington—*Corn Plow.***69069**—J. M. Brooke—*Boat*
Detaching Tackle.**69070**—F. R. Brunot—*Sluice Gate for Dams or Locks.*

69073—H. Chamberlain—*For Chopping Meat.*

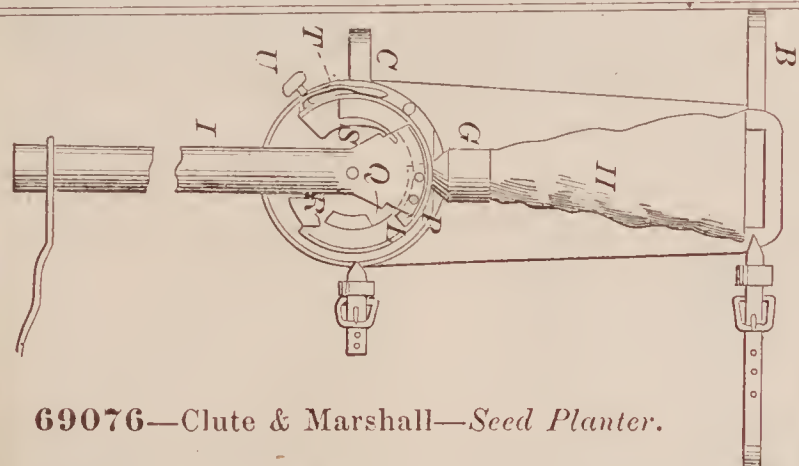
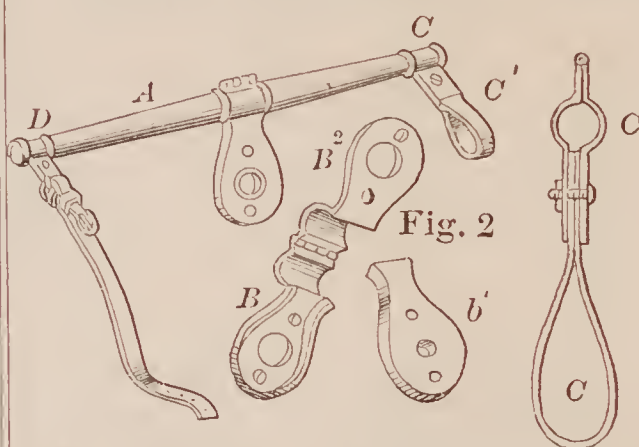


69075—J. R. Clark—*Dumping Wagon Bar.*



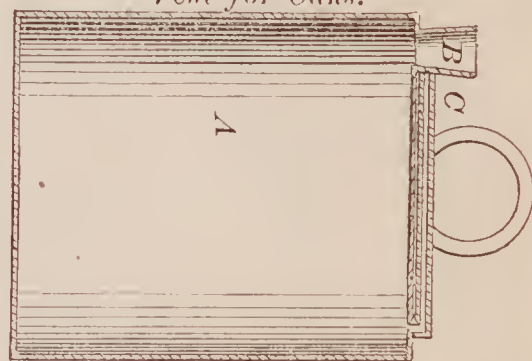
69077—J. Copely, Jr.—*For Rolling Iron.*

69074—W. B. Chapman—*Neck Yoke.*

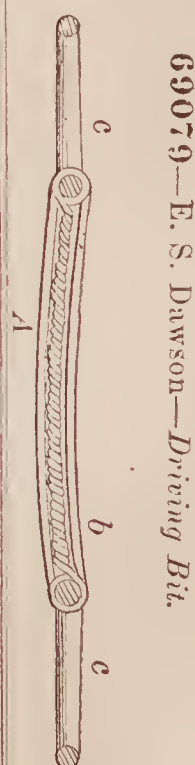
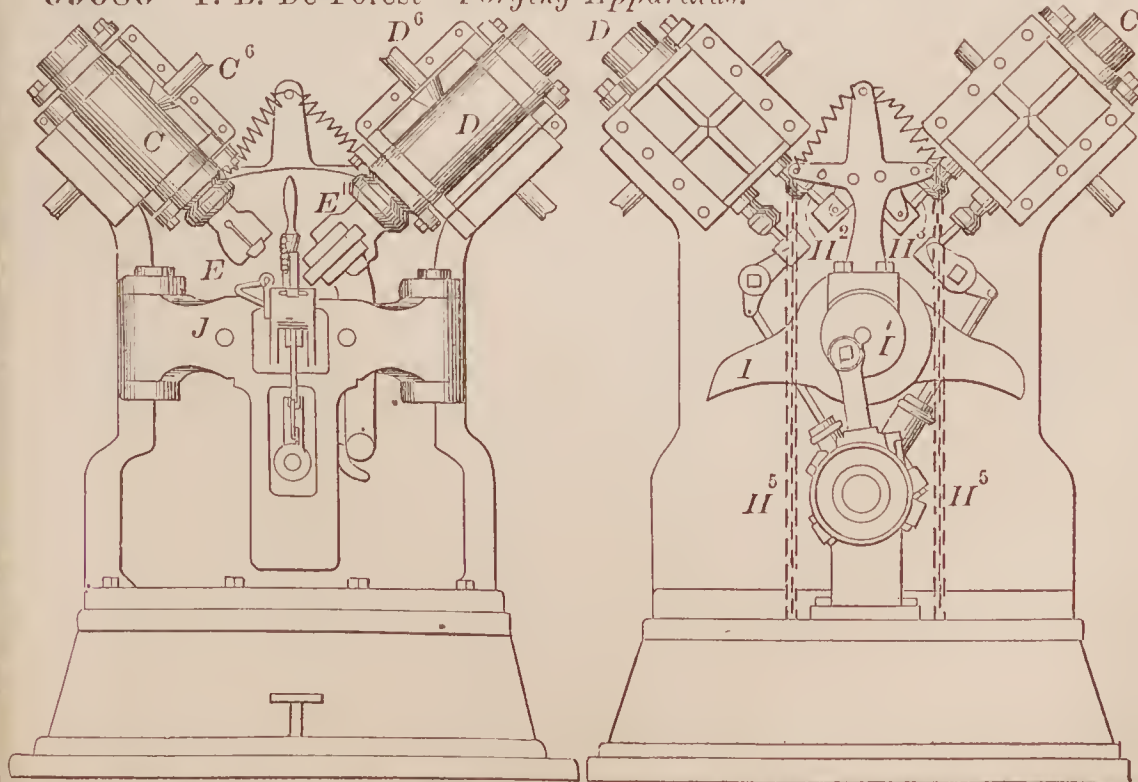


69076—Clute & Marshall—*Seed Planter.*

69078—E. M. Crandal—*Self-Acting Vent for Cans.*

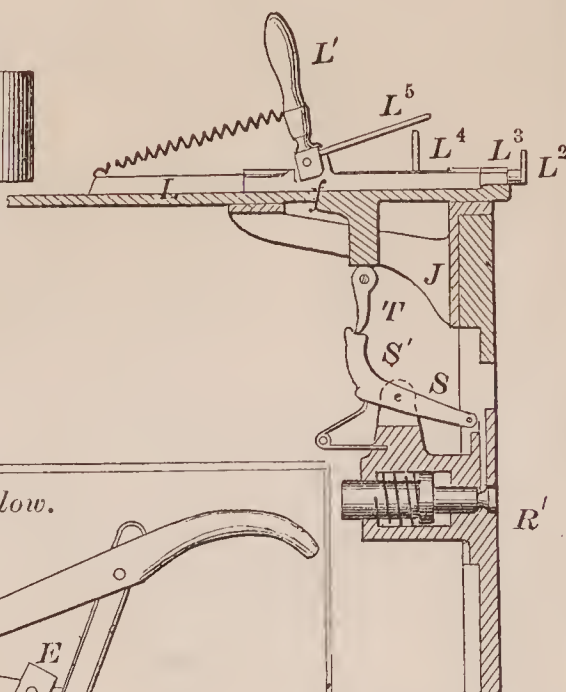


69080—T. B. De Forest—*Forging Apparatus.*

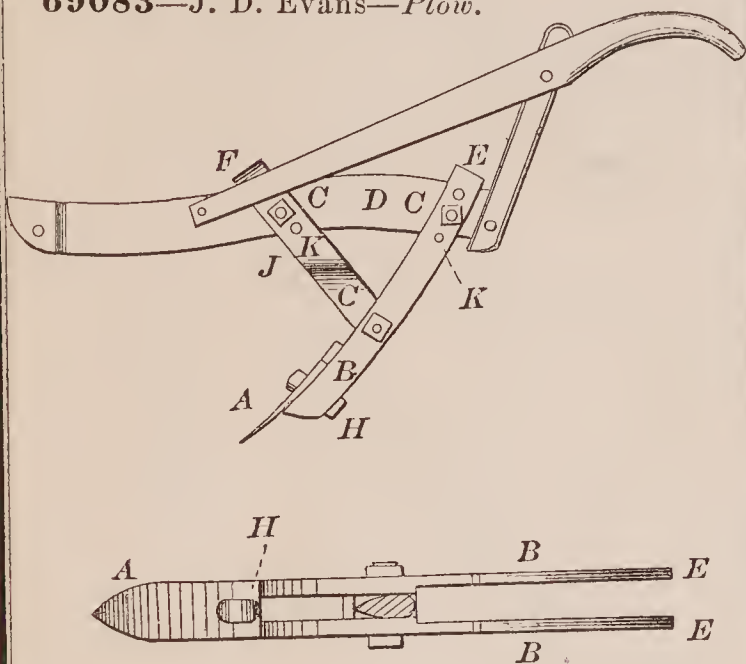


69079—E. S. Dawson—*Driving Bit.*

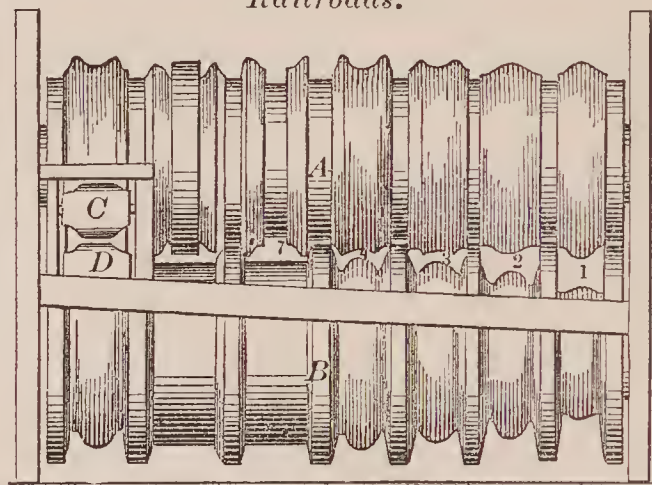
69080—Continued.



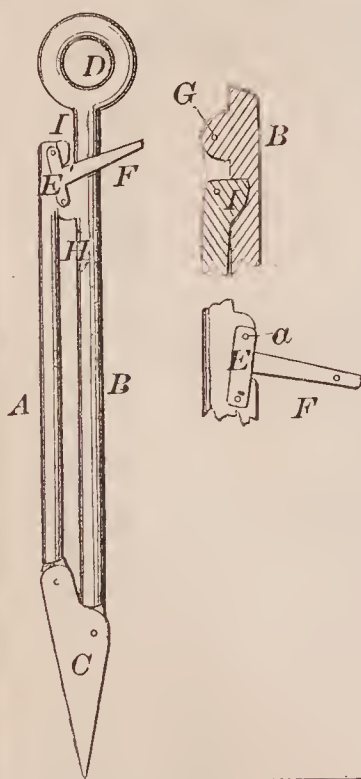
69083—J. D. Evans—*Plow.*



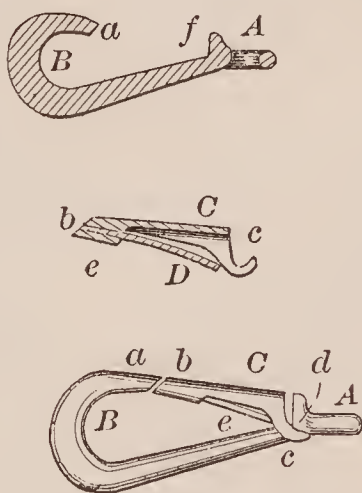
69085—D. Eynon—*For Rolling Chairs for Railroads.*



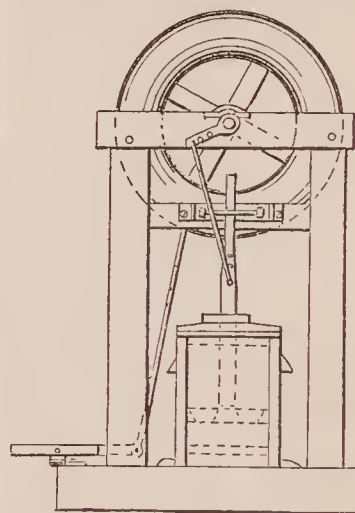
69084-0. Evans—Horse Hay Fork.



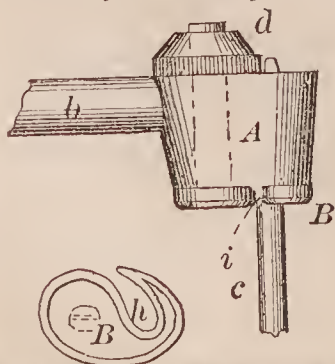
69087—K. Frazer—Snap Hook.



69088—J. W. Gault—*Churn.*



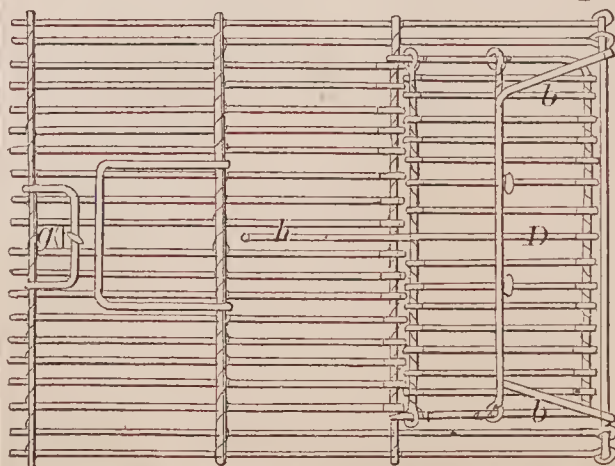
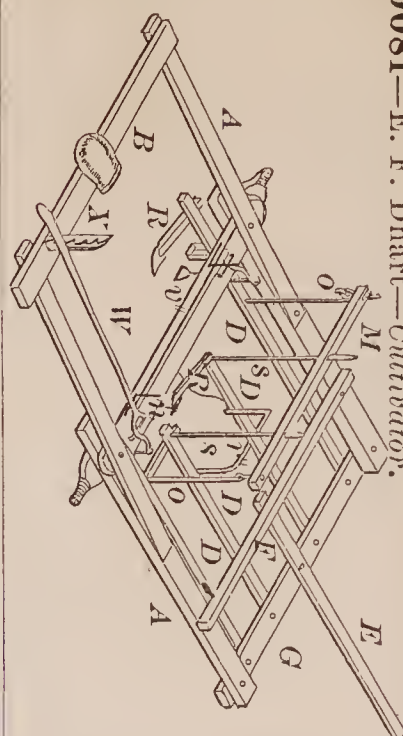
69086—J. B. Fellows—
Brace for Boring Bits.



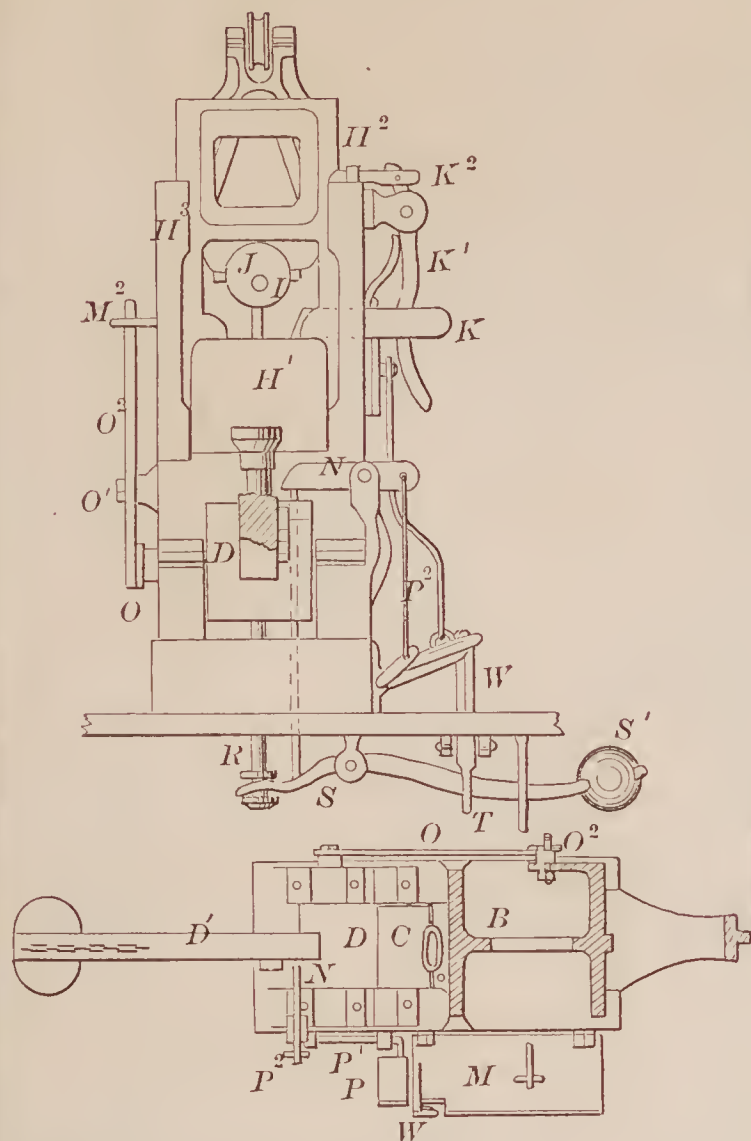
69082—A. B. Ely—*Boot and Shoe Tip.*



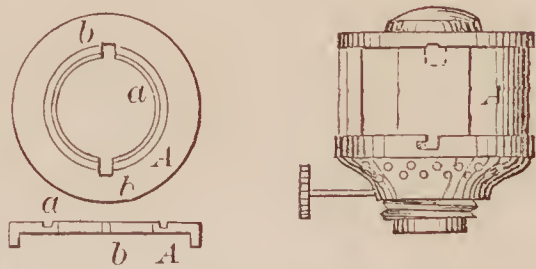
69089—J. Haddleton—*Animal Trap.*

69081—E. F. Dart—*Cultivator*.

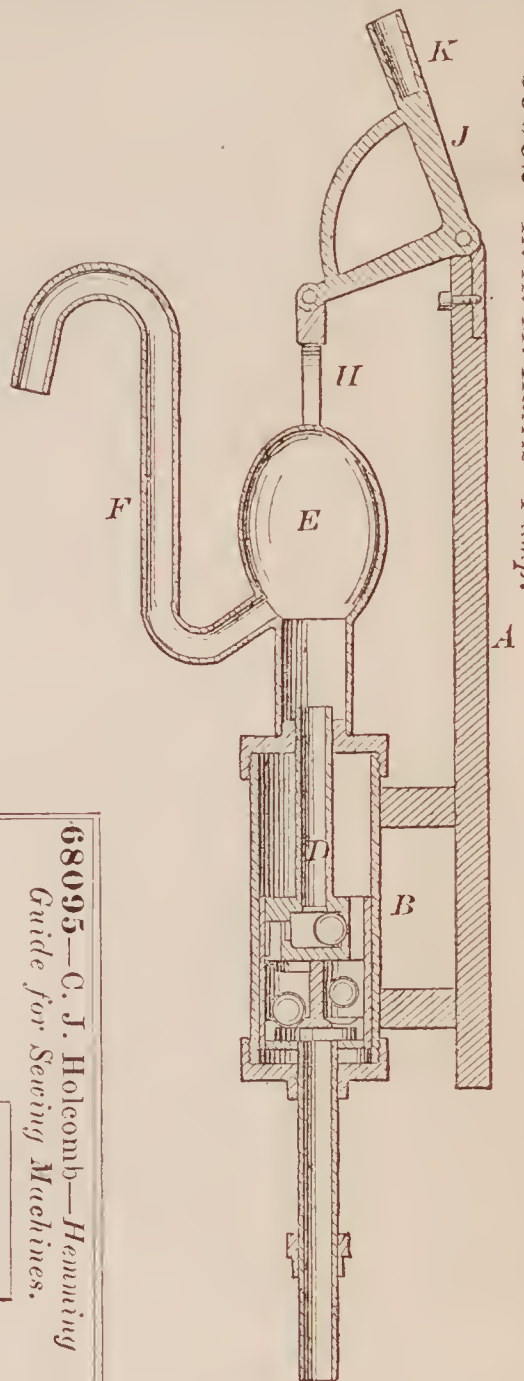
69090—H. M. Hamilton—*For Forming the Eyes of Picks.*



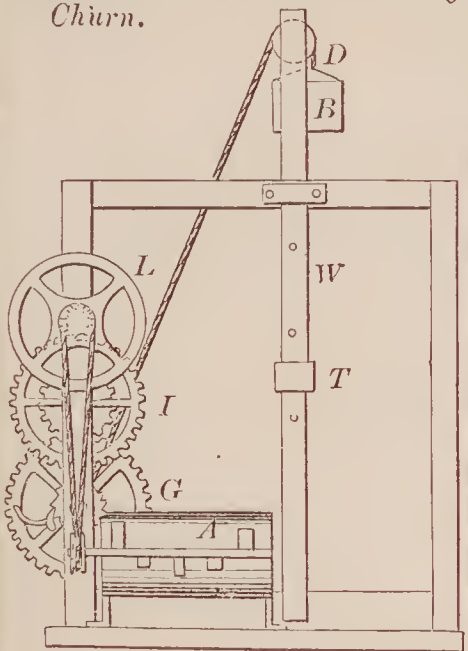
68091—H. L. Hanson—*Lamp.*



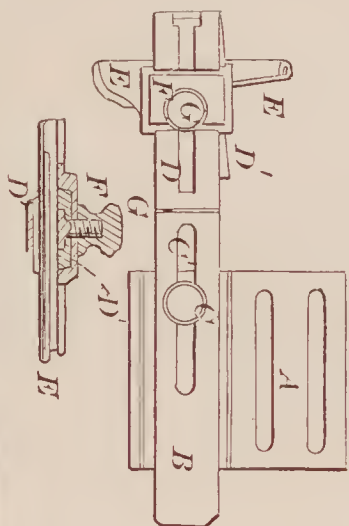
69092—H. A. M. Harris—*Pump.*



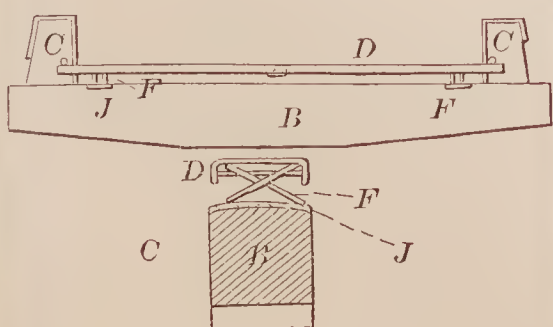
68093—J. Harwood—*Rotary Churn.*



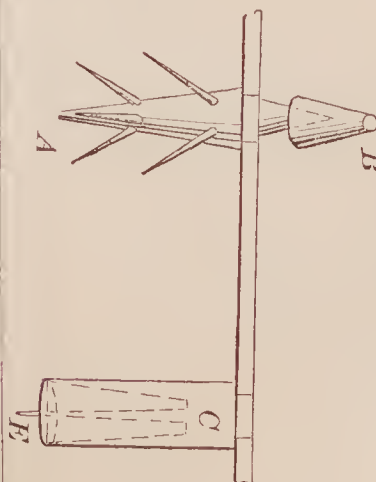
68095—C. J. Holcomb—*Hemming Guide for Sewing Machines.*



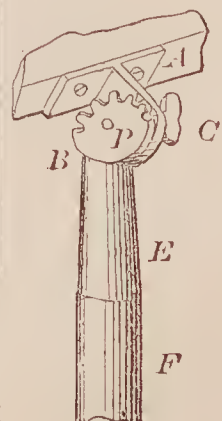
69094—B. Hershey—*Wagon Spring.*



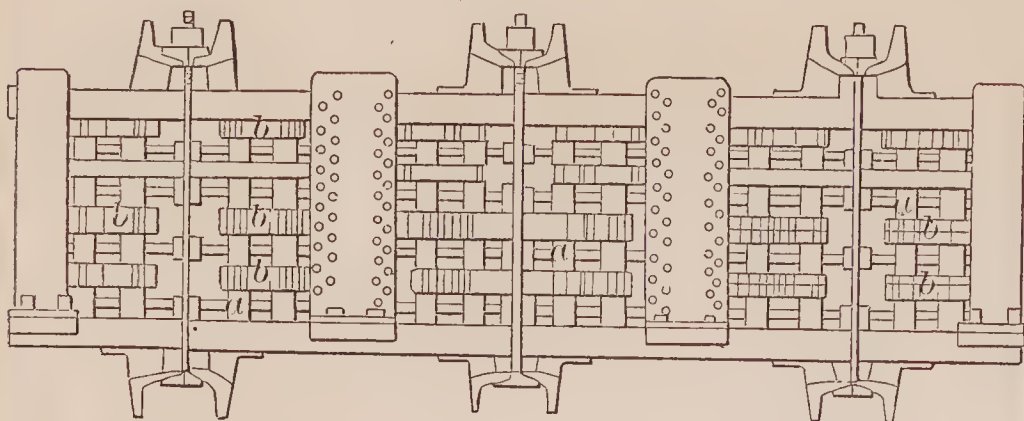
69096—L. L. Husband—*Preventing Incrustation of Steam Boilers.*



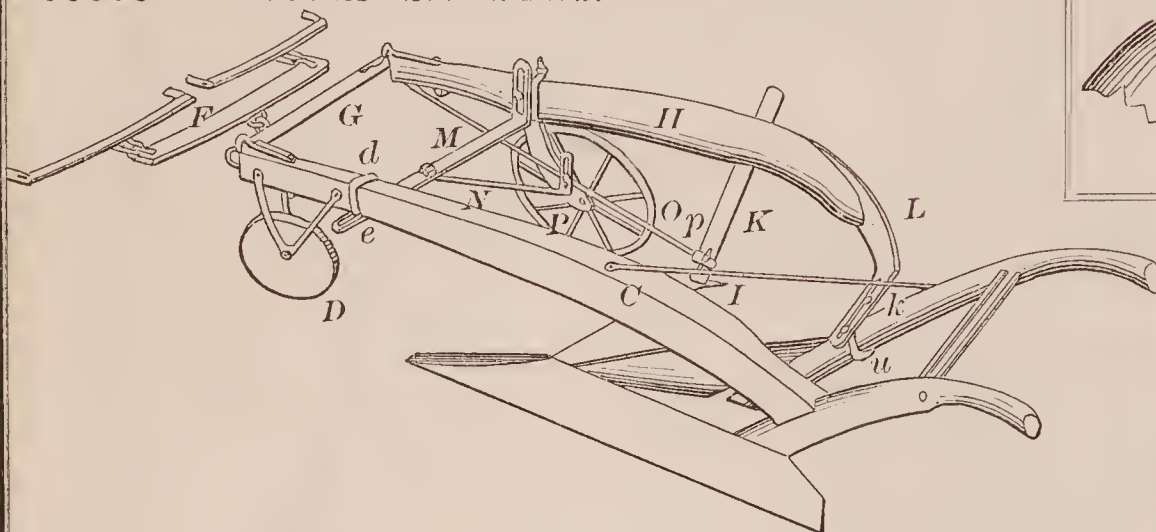
68097—A. Iske—*Holder for Whiteash Brushes.*



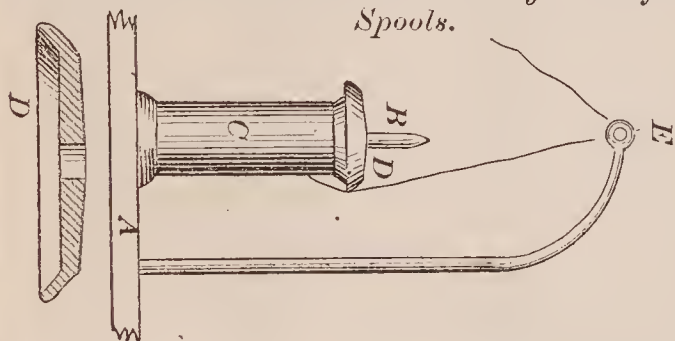
69098—A. Jack—*For Dyeing and Embossing Table and Piano Covers.*



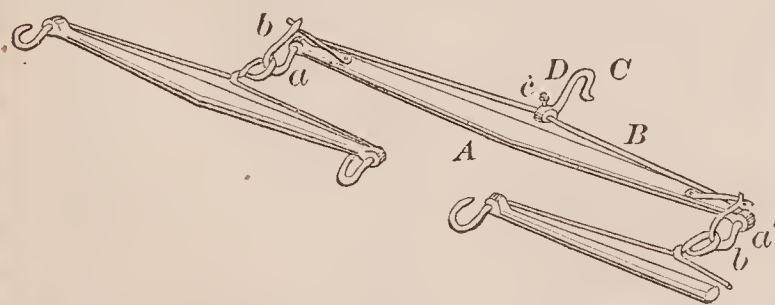
68099—M. R. Jones—*Subsoil Plow.*



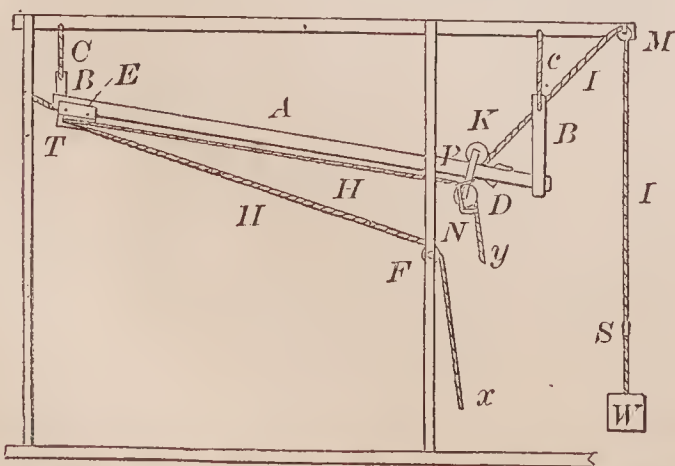
68101—R. Kershaw—*For Winding Yarn from Spools.*



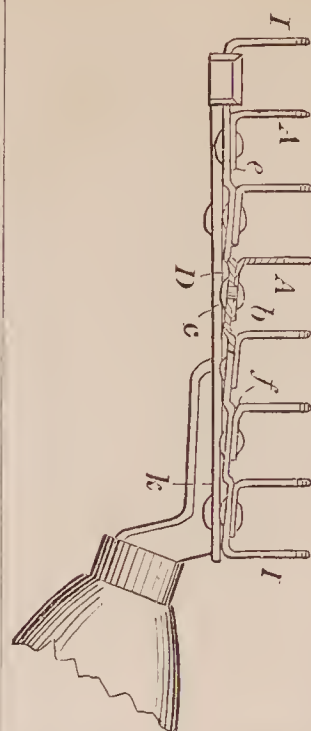
68105—J. W. Larmore—*Whiffletree.*



68107—W. Louden—*Elevating and Conveying Device.*



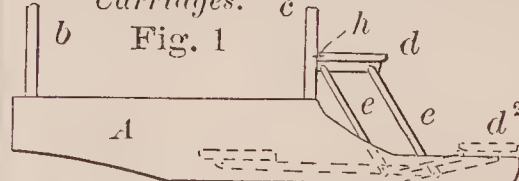
69100—Kellogg & Sweet—*Curry Comb.*



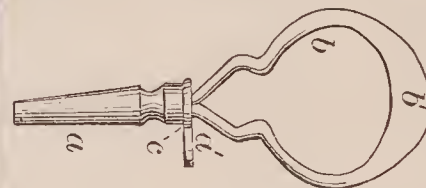
69104—B. Knapp—*Knee for Sleighs.*



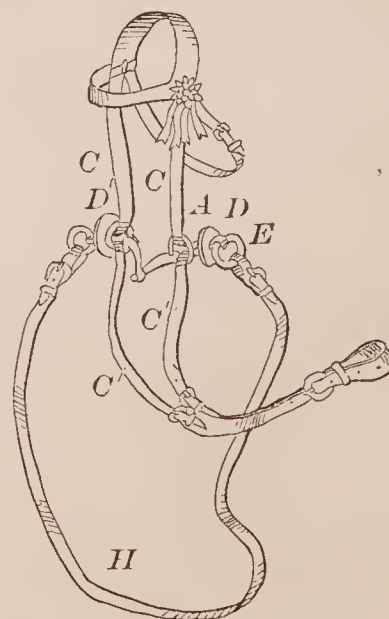
69102—C. P. Kimball—*Jump Seat for Carriages.*



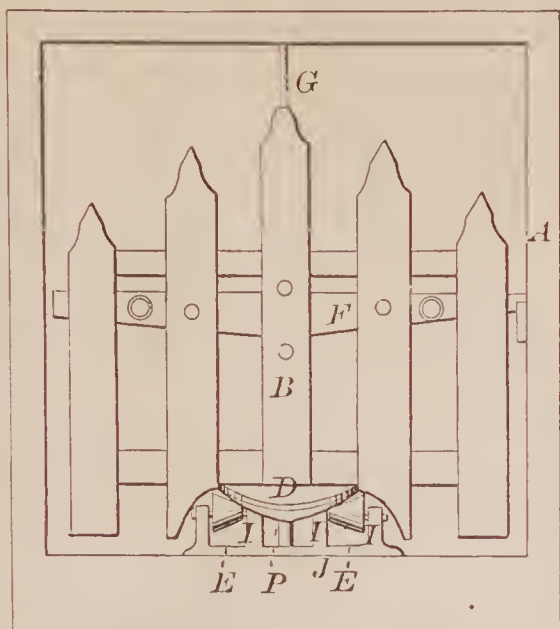
68103—E. M. Kimball—*Watch Key.*



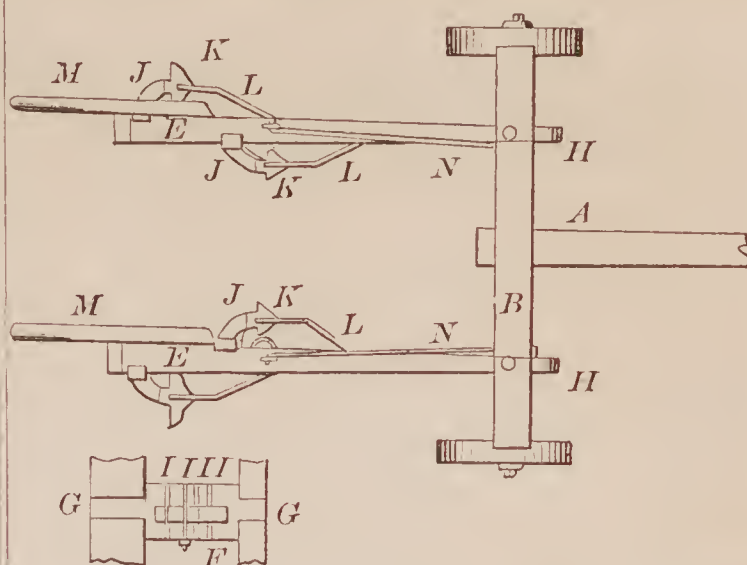
69106—E. W. Lindeman—*Safety Bridle.*



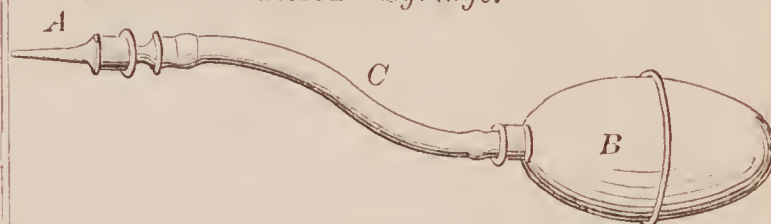
69108—H. Mansfield—Gate.



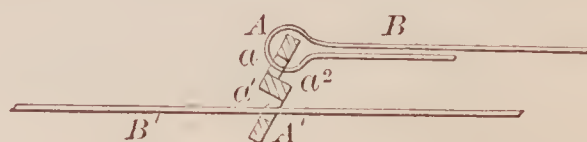
68109—J. Marsh—Corn Plow.



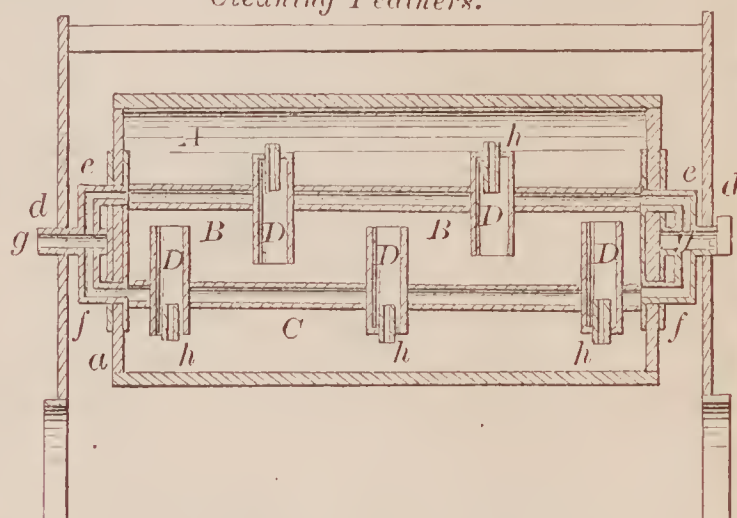
69110—M. Mattson—Syringe.



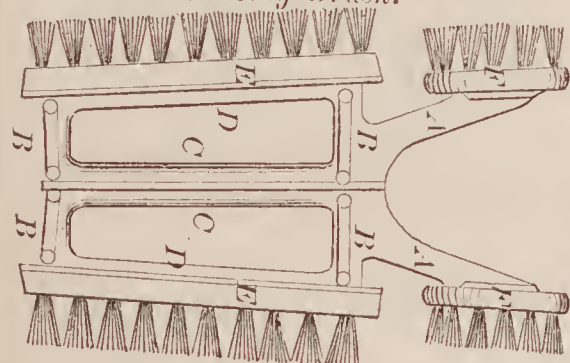
68113—J. F. Milligan—Cotton Bale Tie.



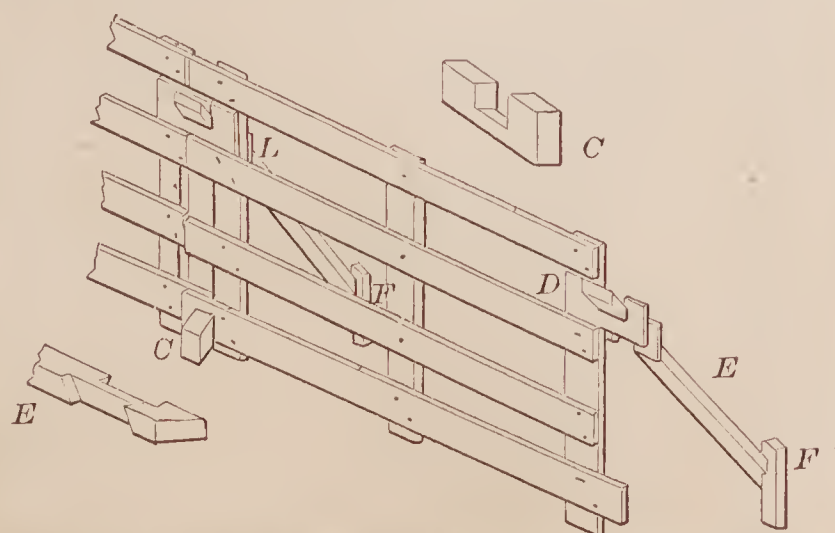
69114—O. C. Monroe—For Renovating and Cleaning Feathers.



69112—H. J. Miller—Boot Jack and Blacking Brush.

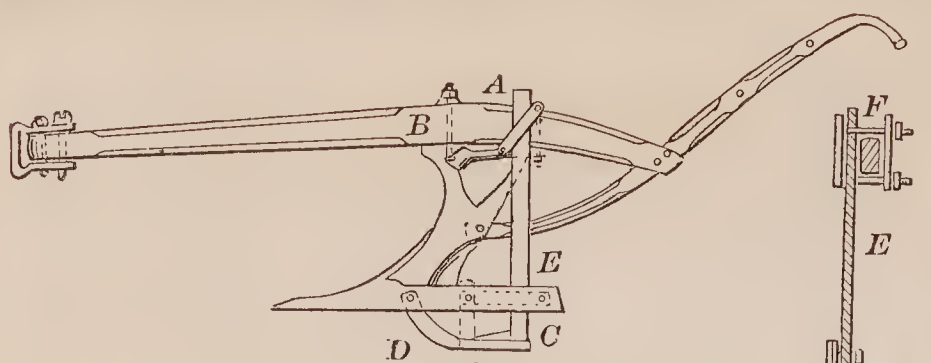
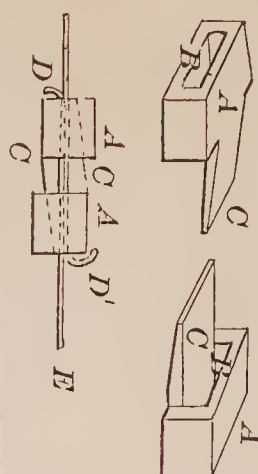
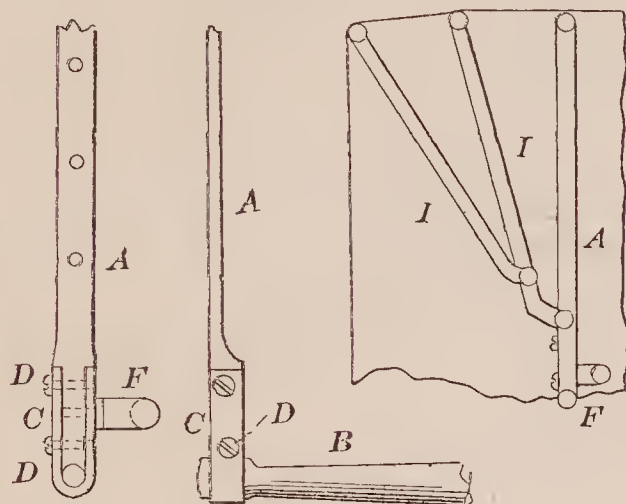
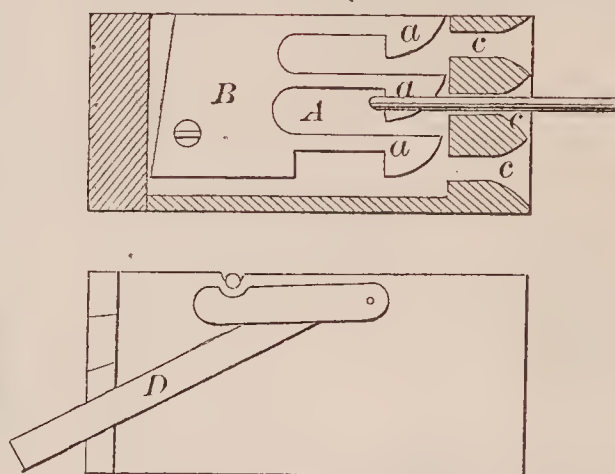
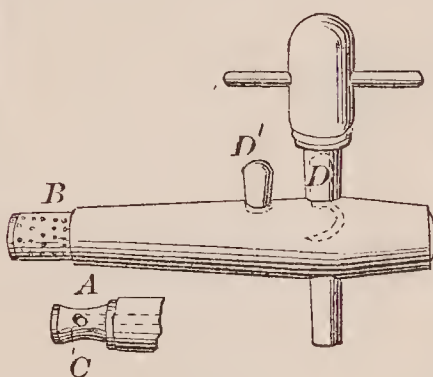
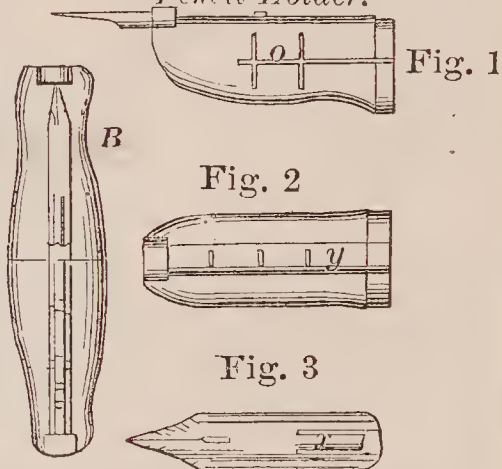
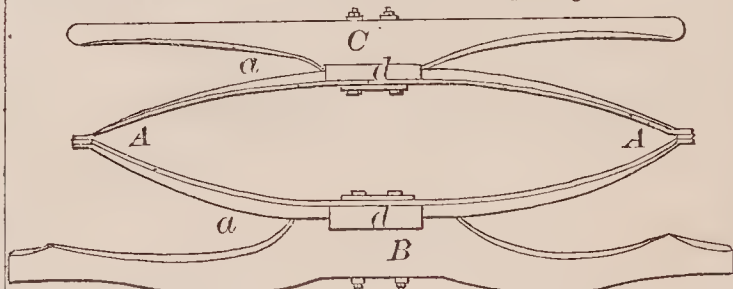
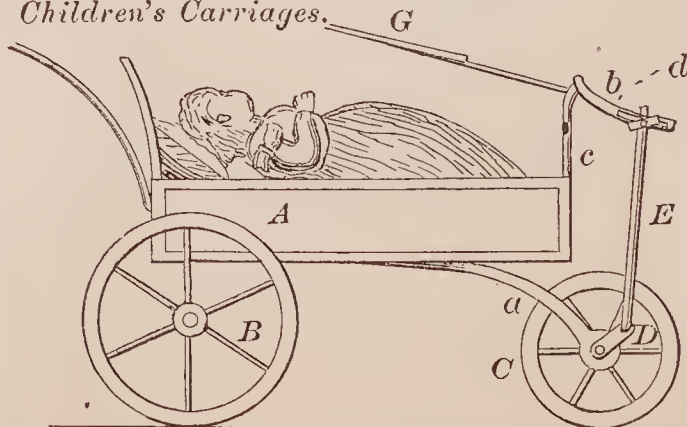
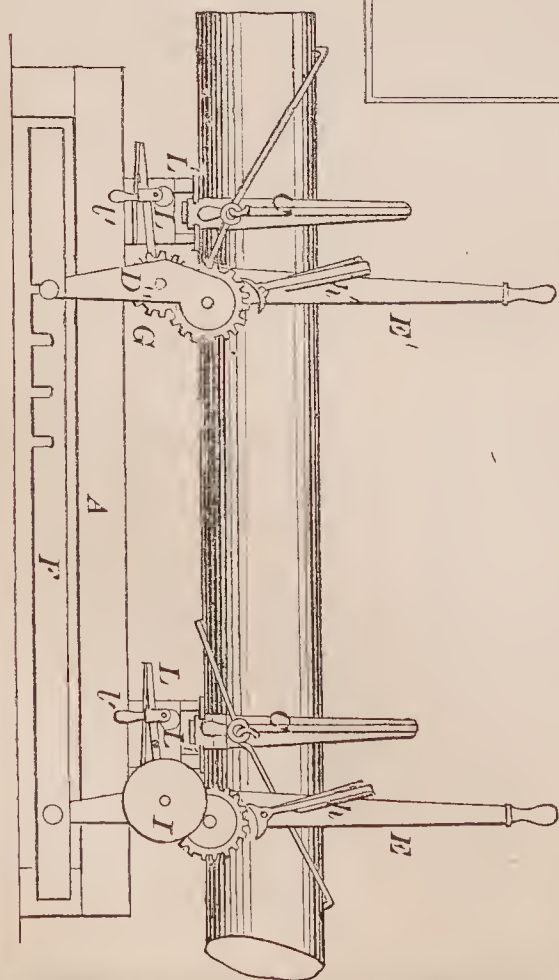


68116—A. M. Nichol—Fence.

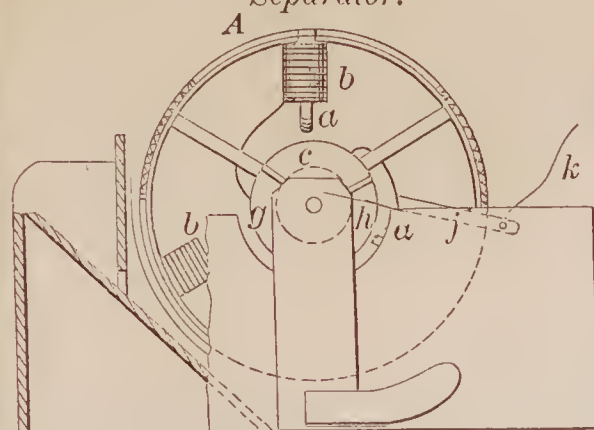


69115—N. Nard—Trunk Lock.

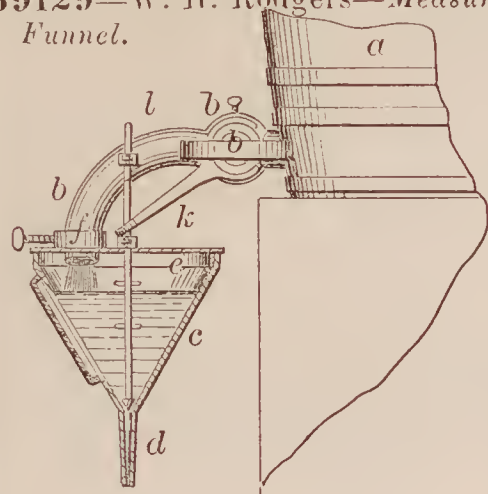


69117—Nichols & Clark—*Plow.*69120—C. J. Paine—*Cotton Bale Tie.*
Fig. 268119—P. Owens—*Carriage Top.*69123—H. C. Payson—*Car Coupling.*69124—J. Phelps—*Faucet.*69126—J. T. Price—*Pen and Pencil Holder.*69125—E. J. Post—*Vehicle Spring.*69127—J. Reinsch—*Fan Attachment to Children's Carriages.*69122—D. Parkhurst—*Saw Mill Head Block.*

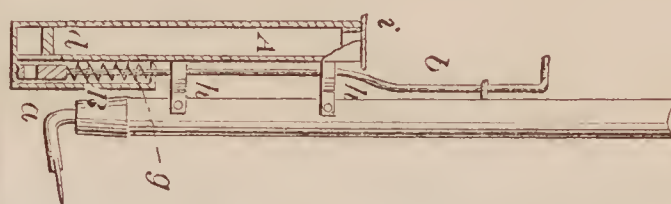
69128—P. Righter—*Magnetic Metal Separator.*



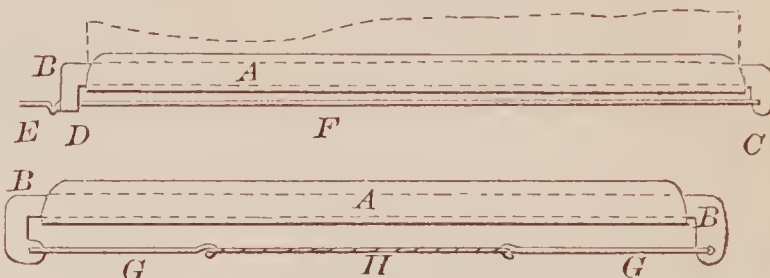
69129—W. H. Rodgers—*Measuring Funnel.*



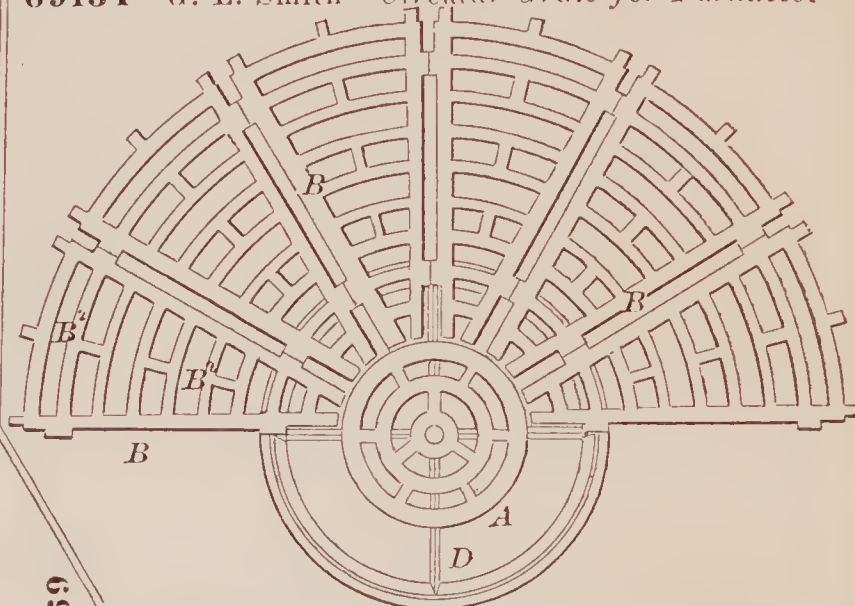
69130—J. B. Seymour—*Seed Planter.*



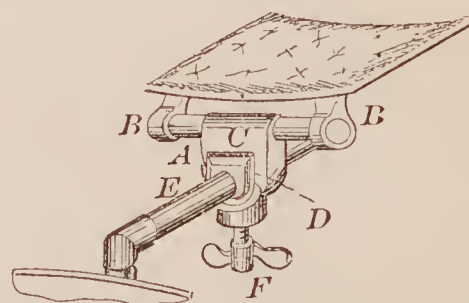
69131—N. M. Shafer—*Blotter Holder.*



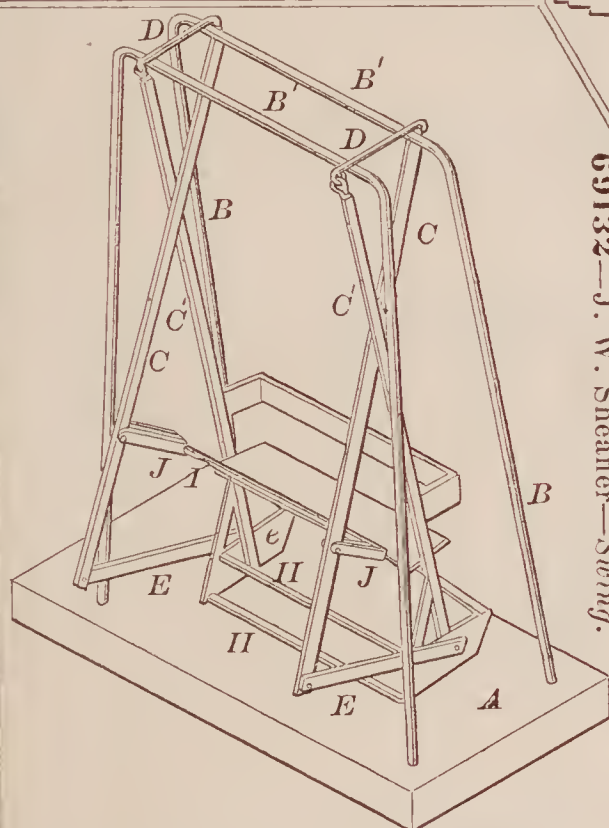
69134—G. L. Smith—*Circular Grate for Furnaces.*



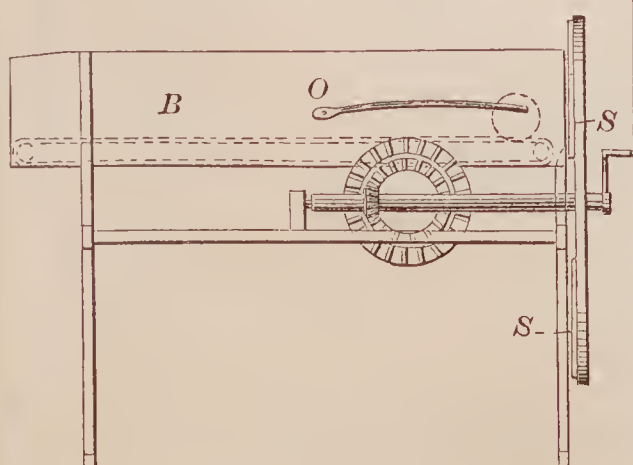
69135—H. Snowden—*Head Rest for Chairs.*



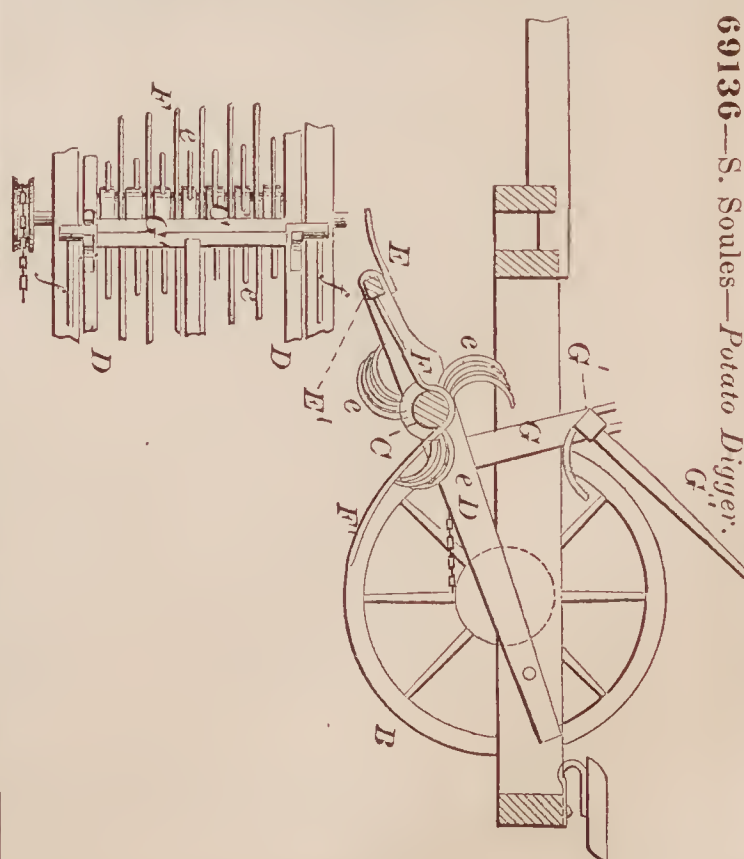
69132—J. W. Sheaffer—*Swing.*

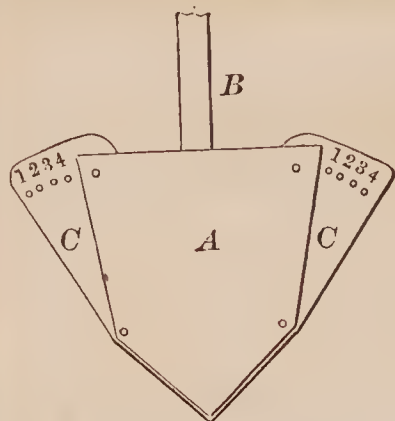
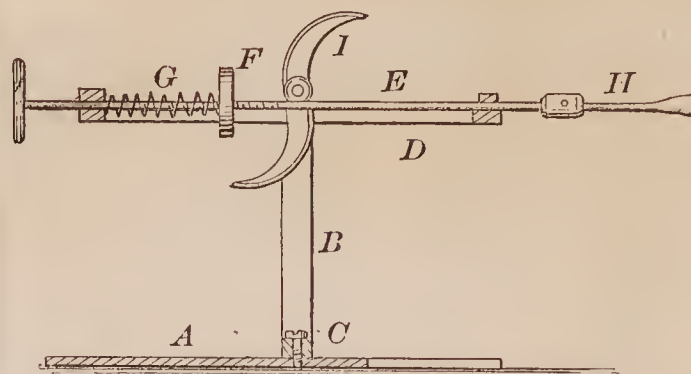
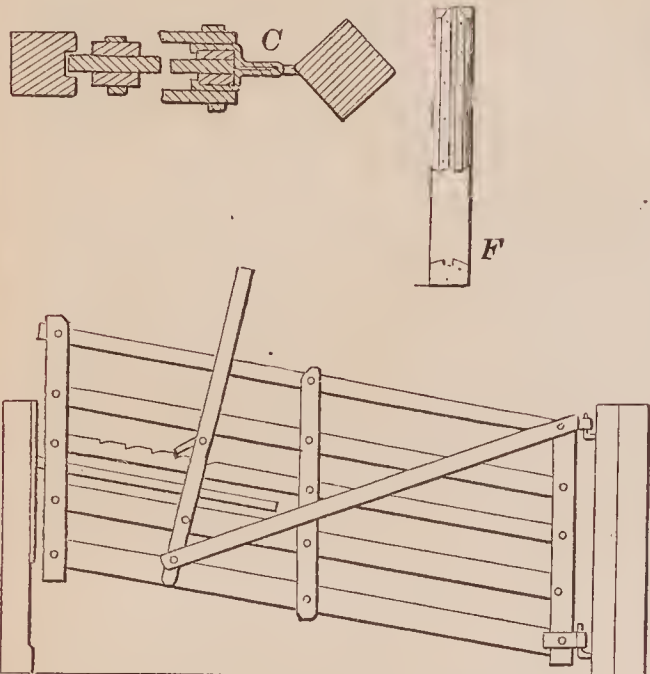
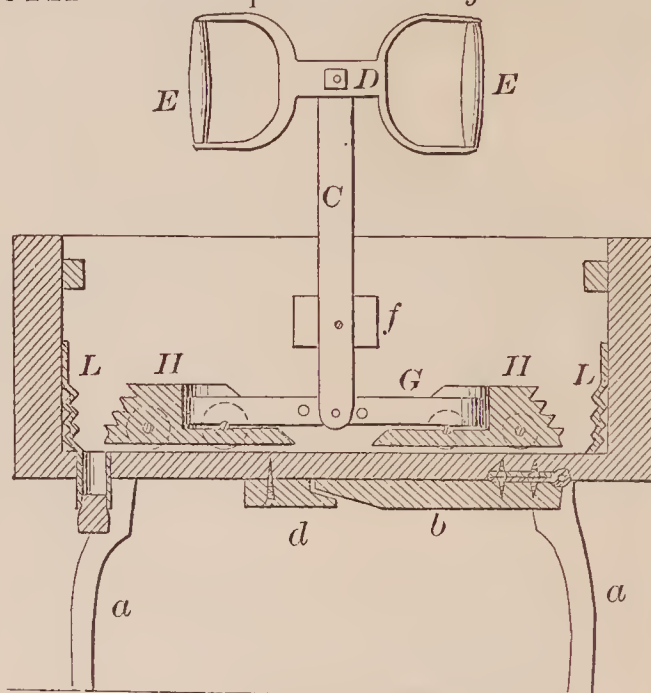
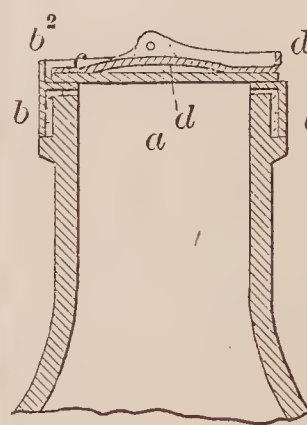
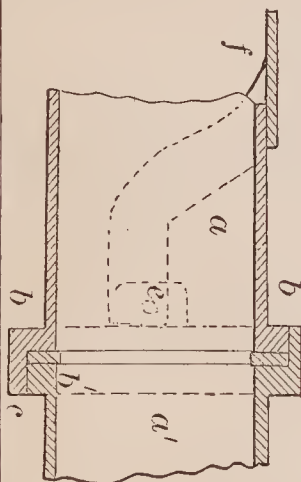
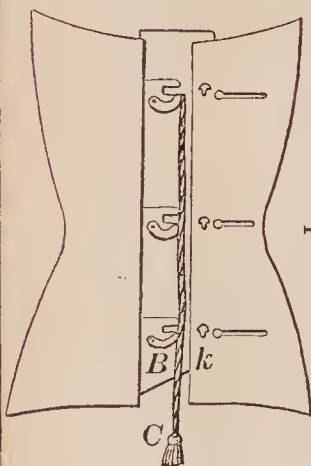
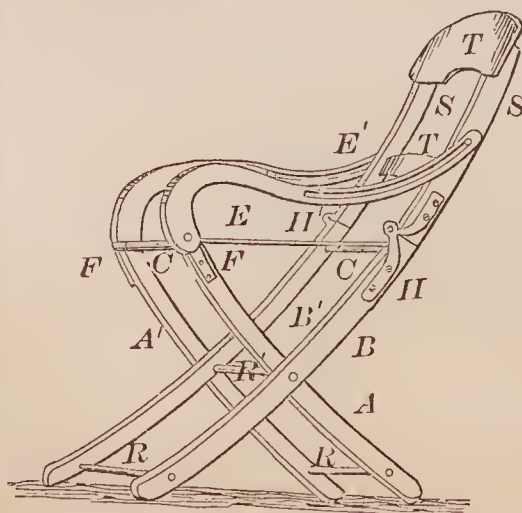
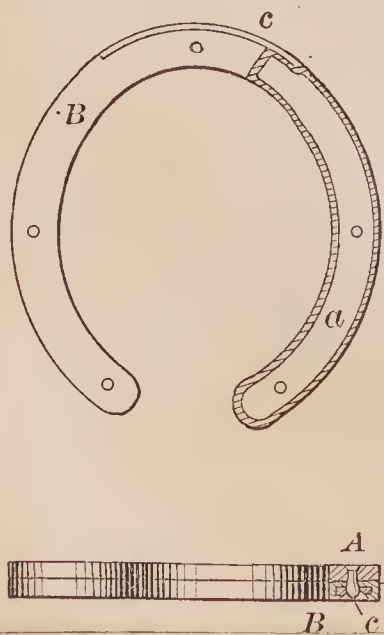


69133—G. Small—*Feed Cutter.*

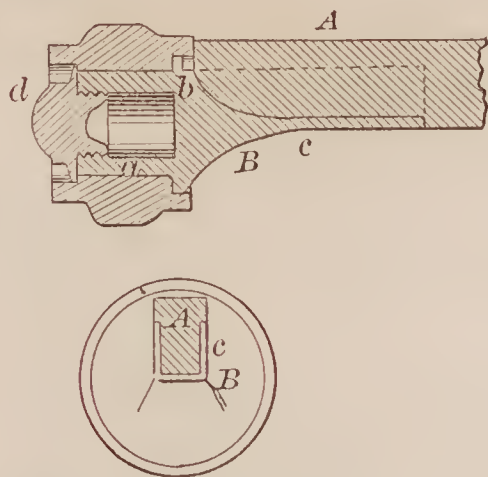


69136—S. Soules—*Potato Digger.*

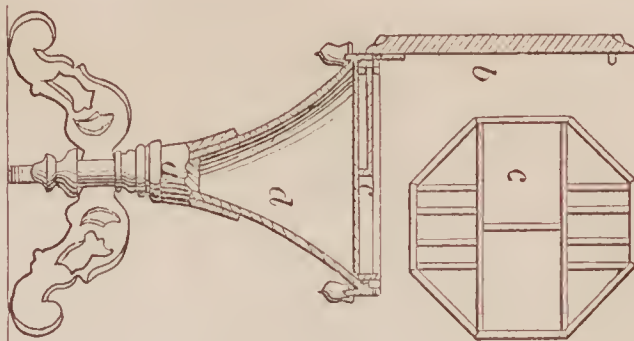


69137—M. E. Stanger—*Shovel Plow.*69139—J. S. Stockham—*Rock Drill.*69138—States & Lutts—*Farm Gate.*69141—H. Thompson—*Washing Machine.*69144—I. Tower—*Fruit Picker.*69143—N. Thompson—*For Closing the Mouths of Bottles.*69142—N. Thompson—*Pipe Coupling.*69140—W. H. Stroup—*Corset.*69145—E. W. Vaill—*Folding Chair.*69146—A. S. Wilkenson—*Horse Shoe.*

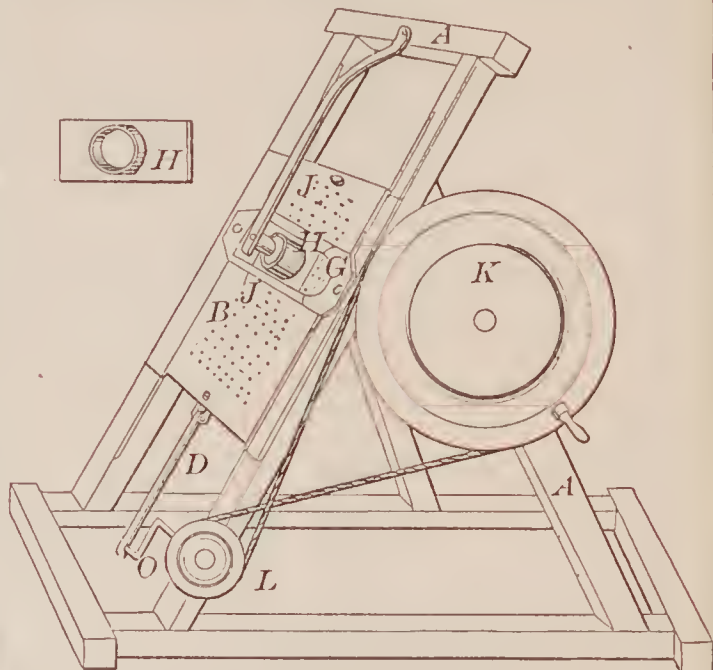
69147—J. B. Wilson—*Axle for Vehicles.*



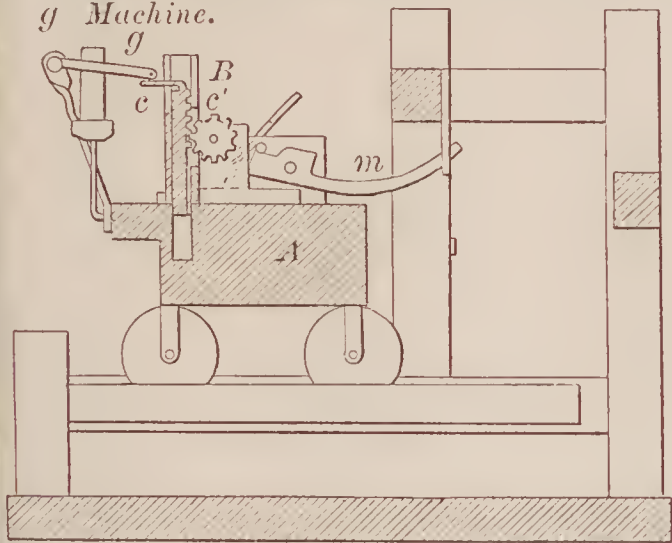
69148—J. Wood—*Ladies' Work Table.*



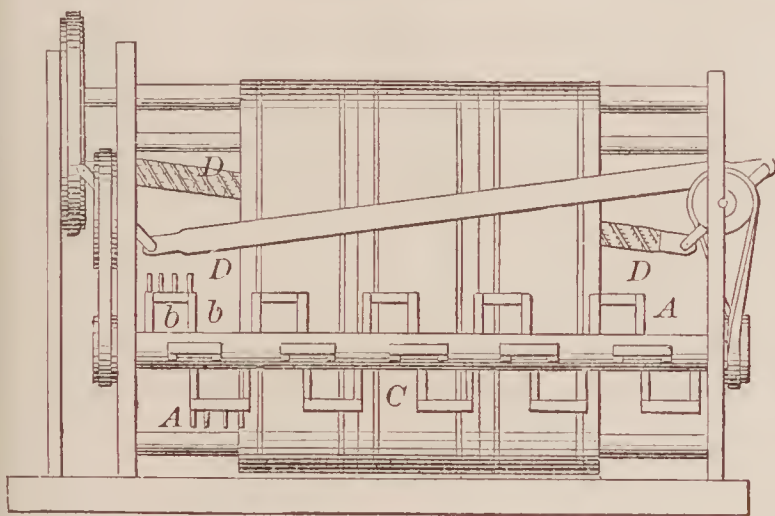
69150—C. Worden—*Nutmeg Grater.*



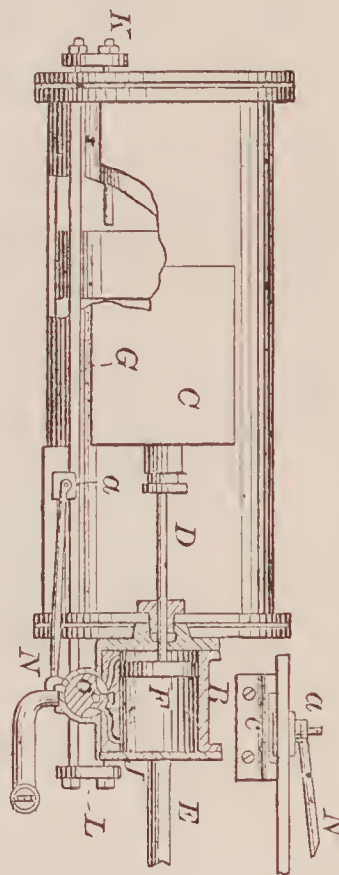
69149—A. B. Woodbury—*Jack Spinning Machine.*



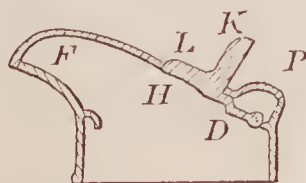
69152—G. W. Young—*Carpet Cleaner.*



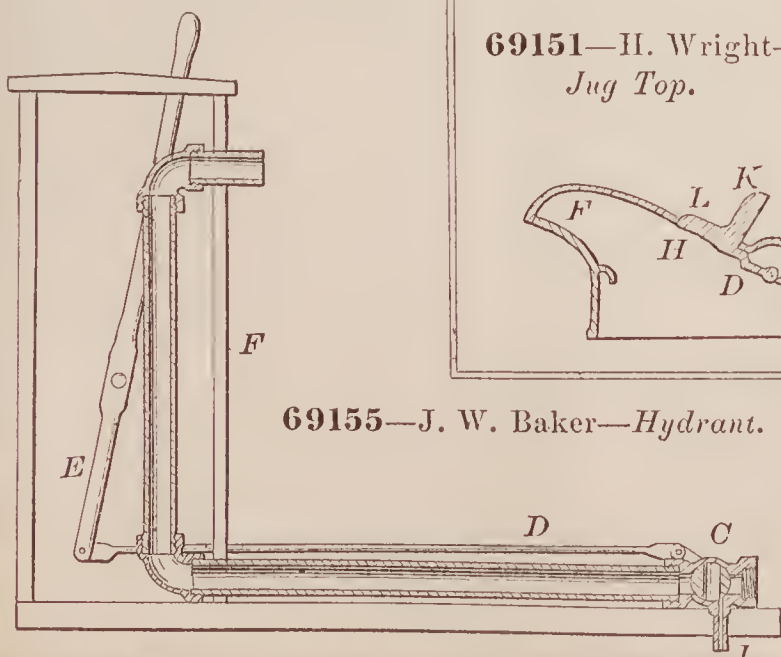
69153—R. Allison—*Steam Engine.*



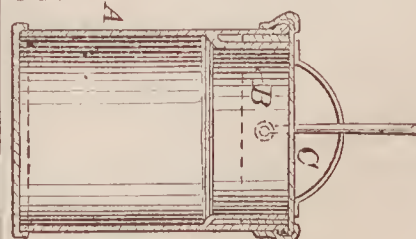
69151—H. Wright—*Jug Top.*

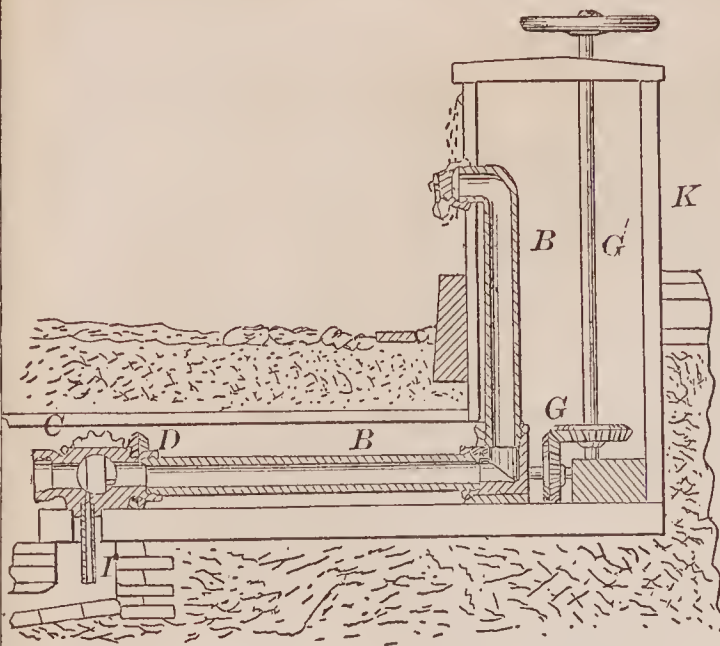
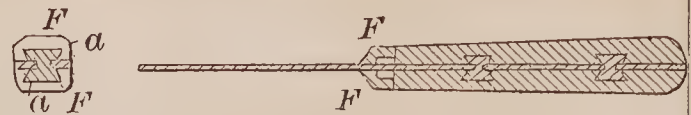
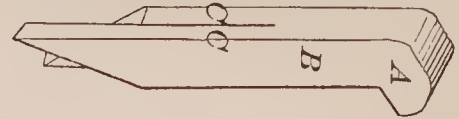
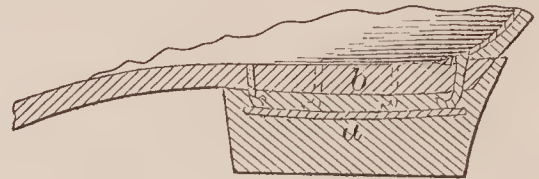
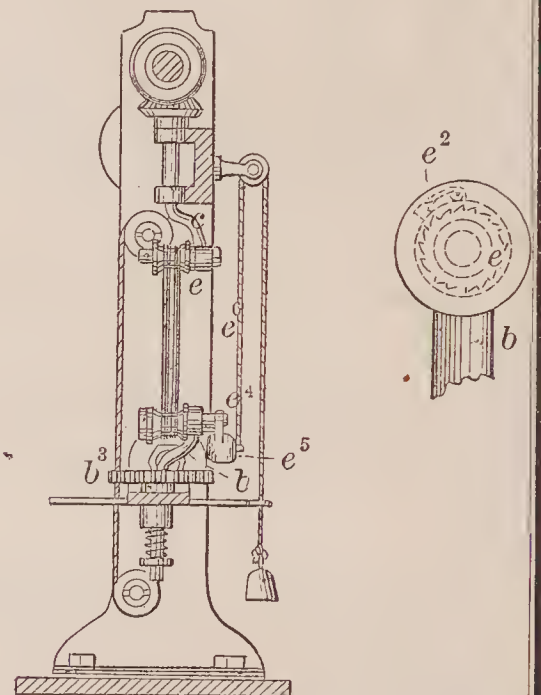
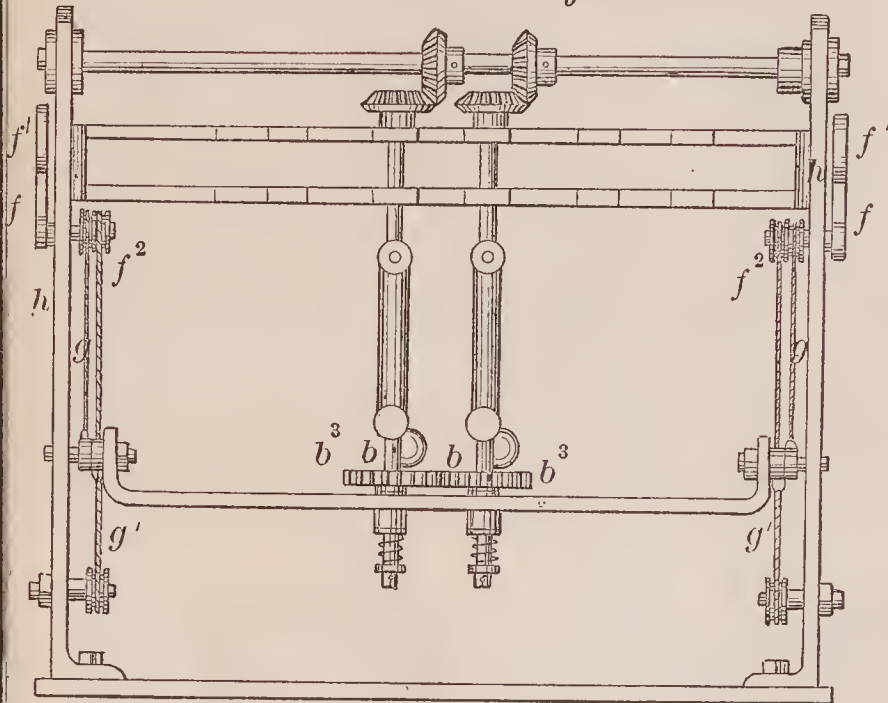
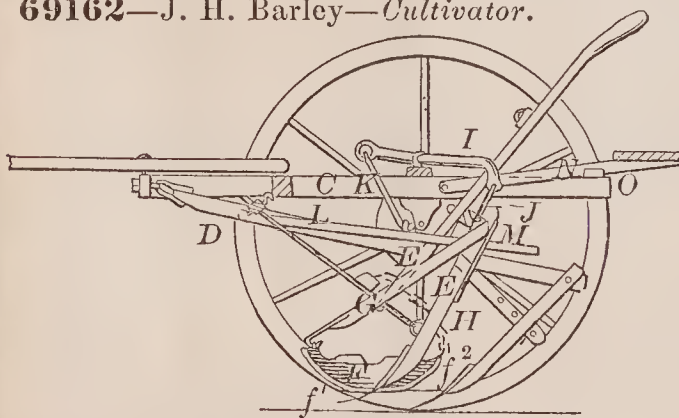
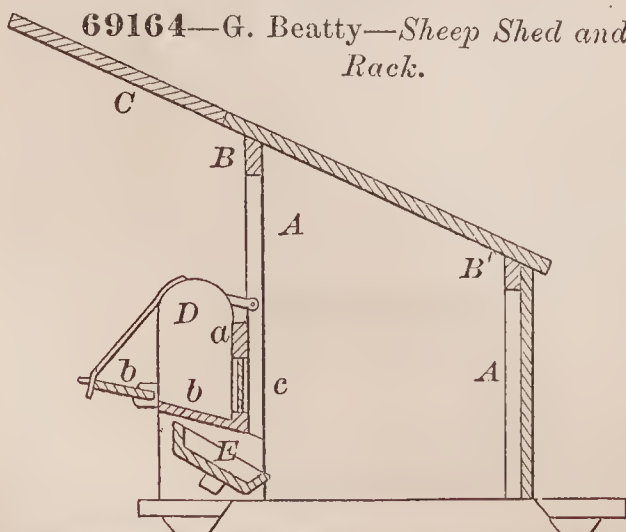
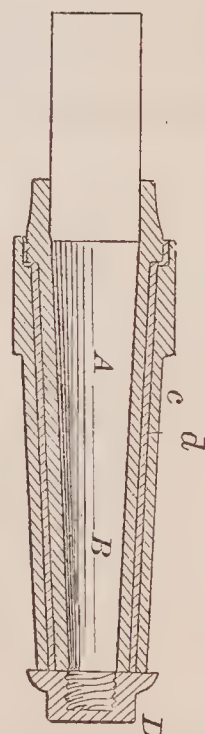


69155—J. W. Baker—*Hydrant.*

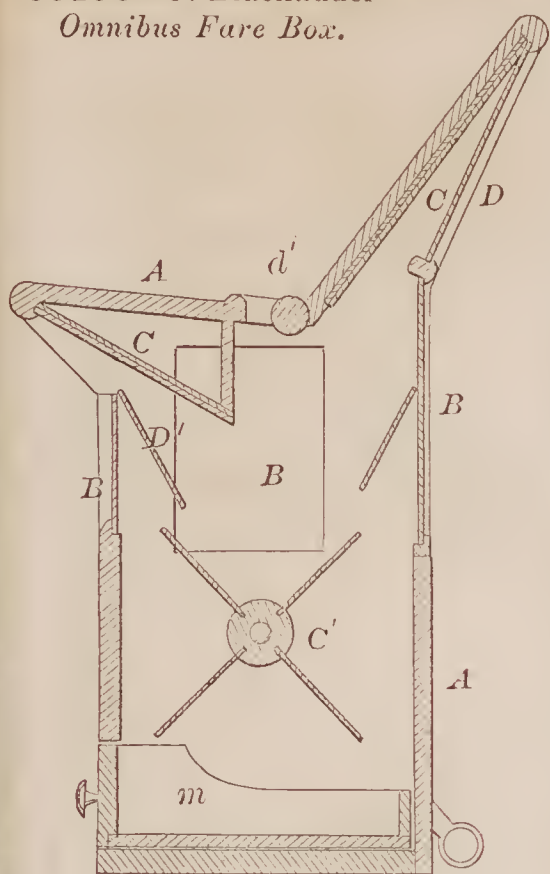


69154—A. D. Armstrong—*Can.*

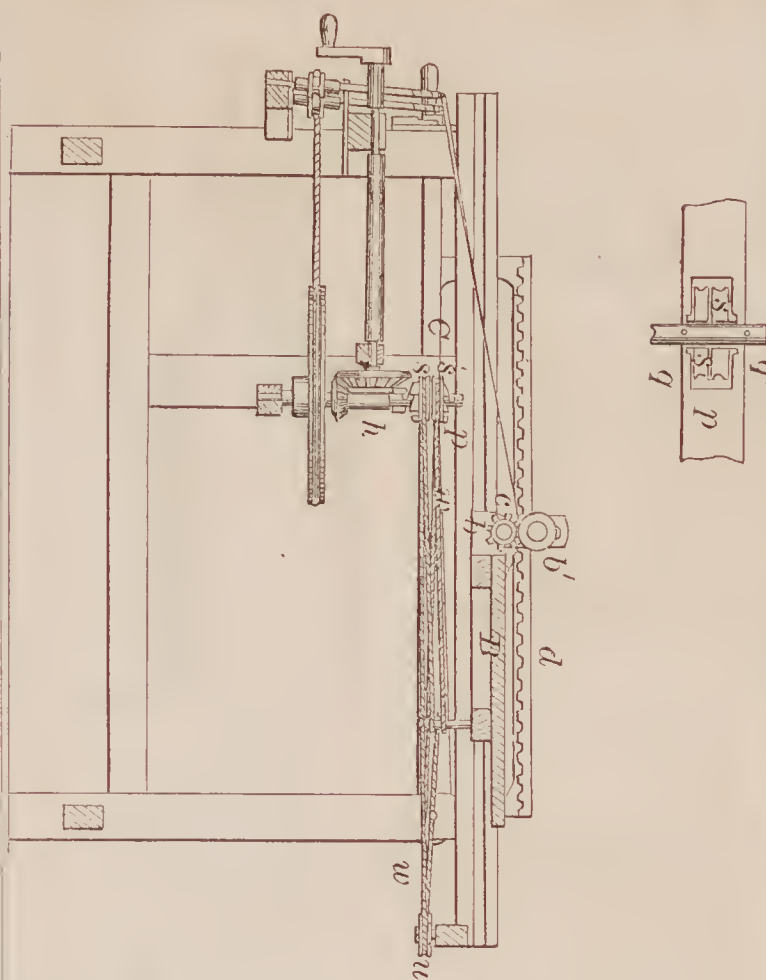


69156—J. W. Baker—*Fire Plug.***69157**—J. Baldwin—*Cutlery.***69158**—J. Balmer—*Spike.***69163**—J. F. Barrett—*Rubber Boot Heel.***69159**—S. Barbour—*For Finishing Thread.***69162**—J. H. Barley—*Cultivator.***69164**—G. Beatty—*Sheep Shed and Rack.***69160**—S. Barker—*Axle Box.***69161**—J. H. Barley—*Cune Stripper.*

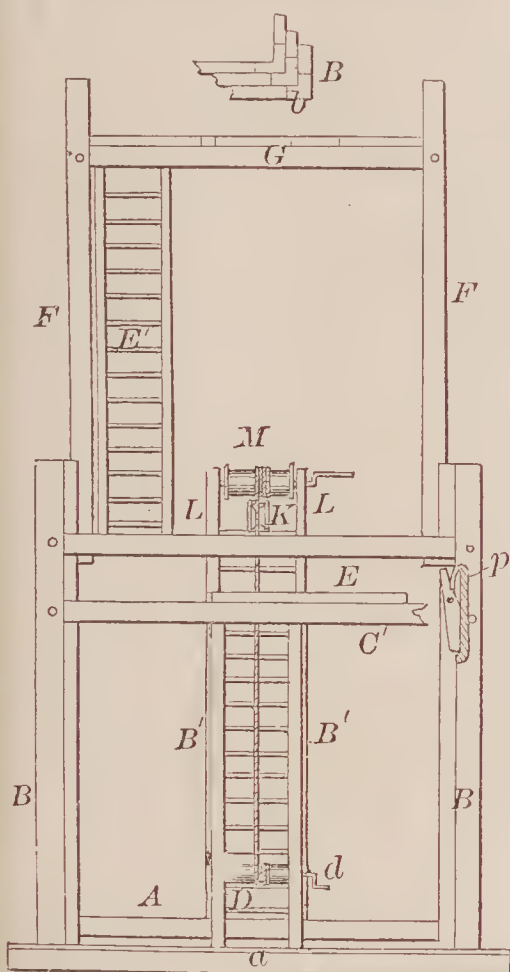
69166—J. Blackadder—*Omnibus Fare Box.*



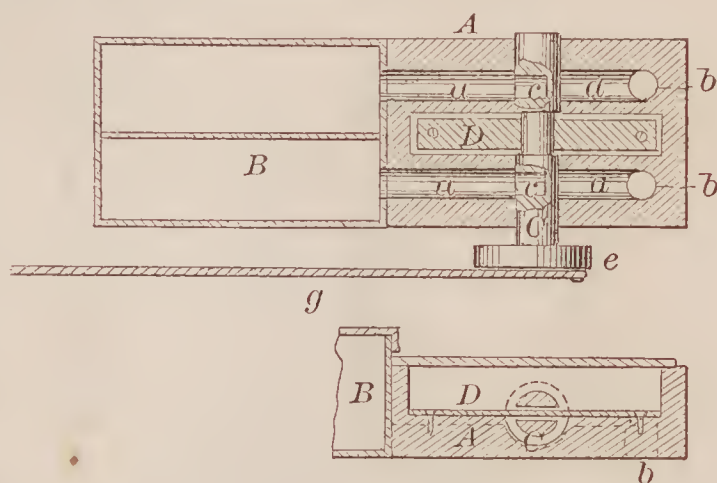
69167—Blackwood & Wilson—*Hand Spinning Machine.*



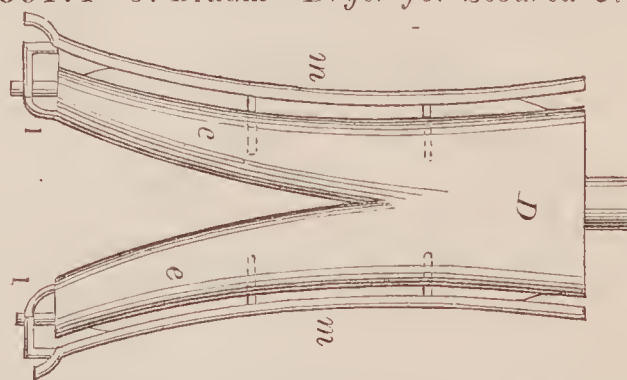
69168—Blomgren & Andersen—*Painters' Scaffold.*



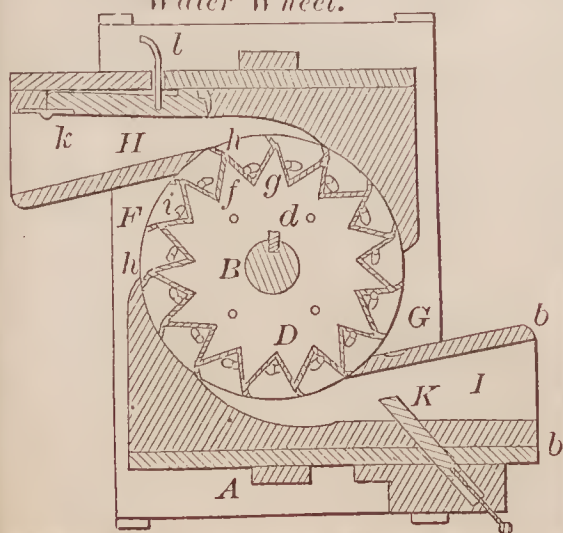
69170—T. Bradley—*Hand Seeder.*



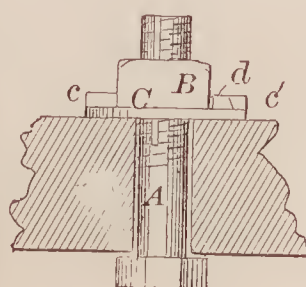
69171—J. Braum—*Dryer for Scoured Clothes.*



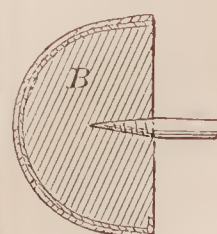
69169—L. W. & R. A. Blood—*Water Wheel.*



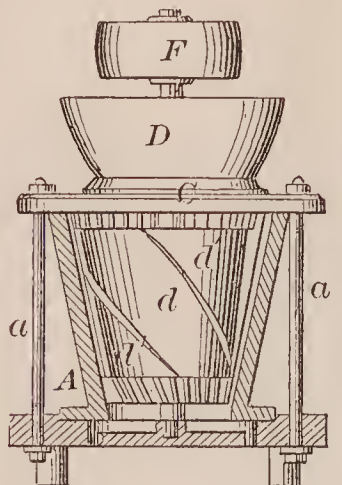
69173—C. Buckley, Jr.—*Nut Fastener.*



69172—
J. B. Brown—*Hat Block.*



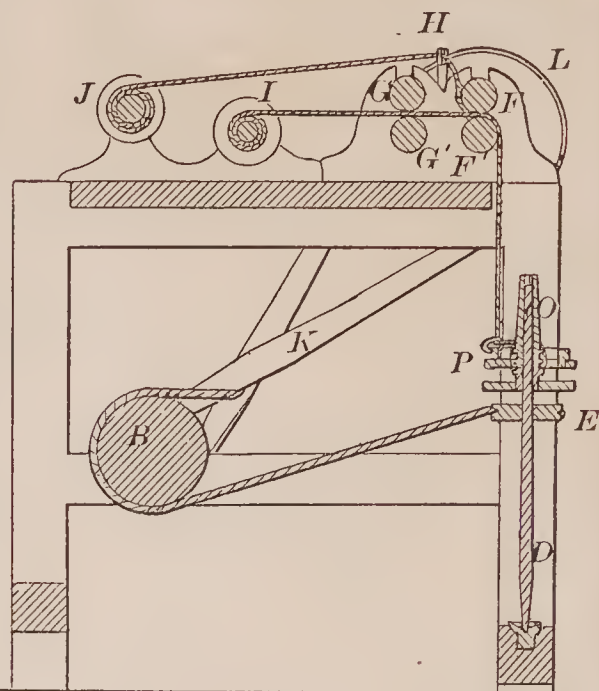
69174—J. Burns—
Grinding Mill



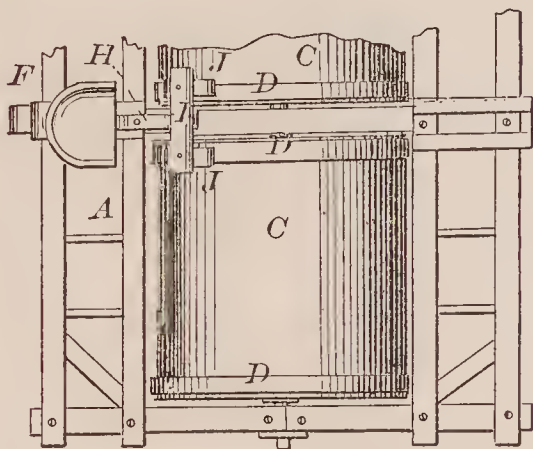
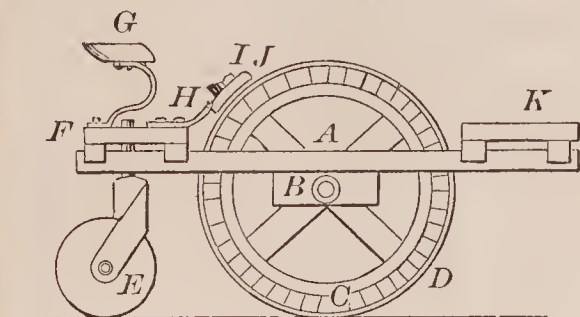
69177—H. S. Carley—Bottle.



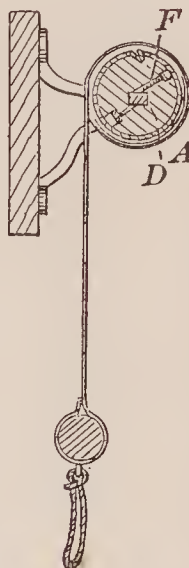
69178.—S. Chase—*For Making Clouded Yarn.*



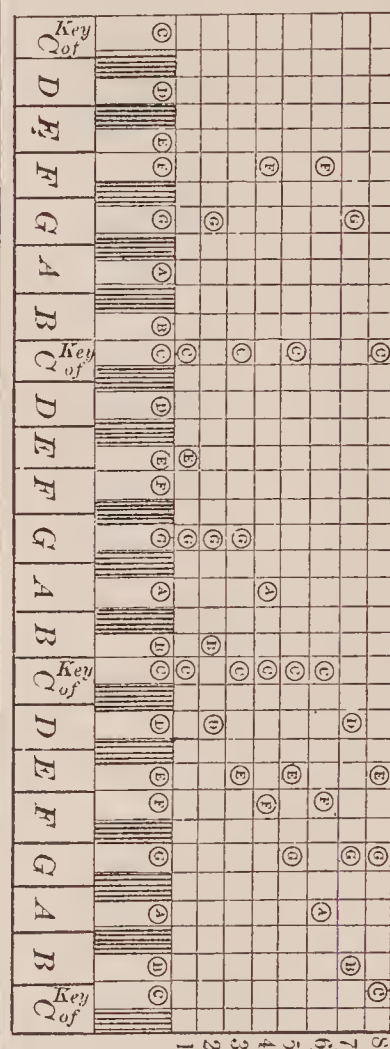
69175—G. R. Burt—*Land Roller.*



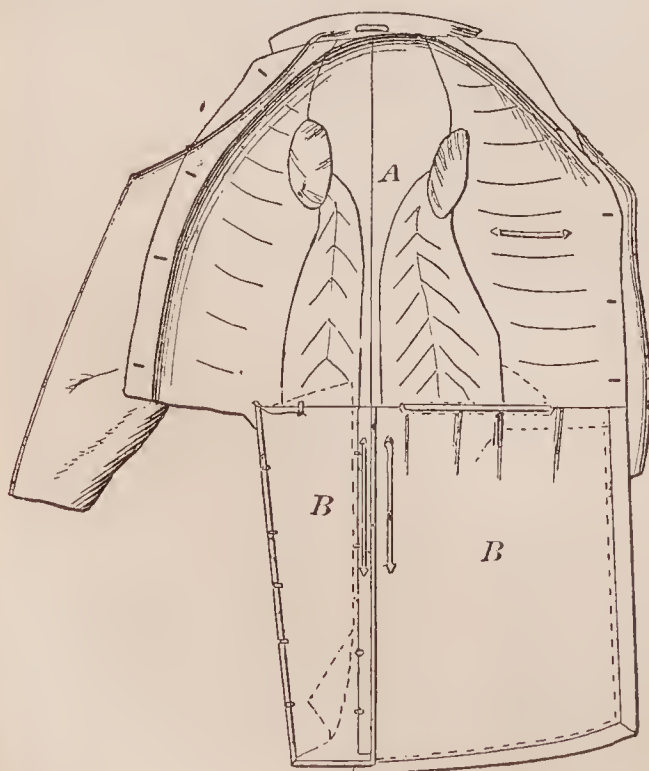
69176—W. Campbell—*Window Shade Fixture.*



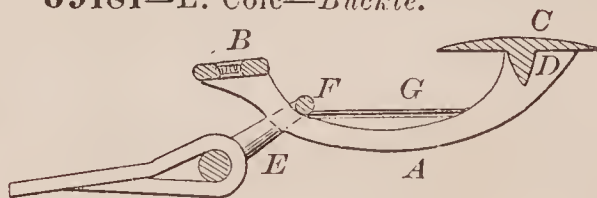
69179—J. C. Clime—*For Teaching Music.*



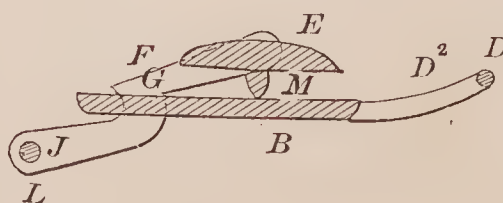
69180—P. Cohen—*Coat.*



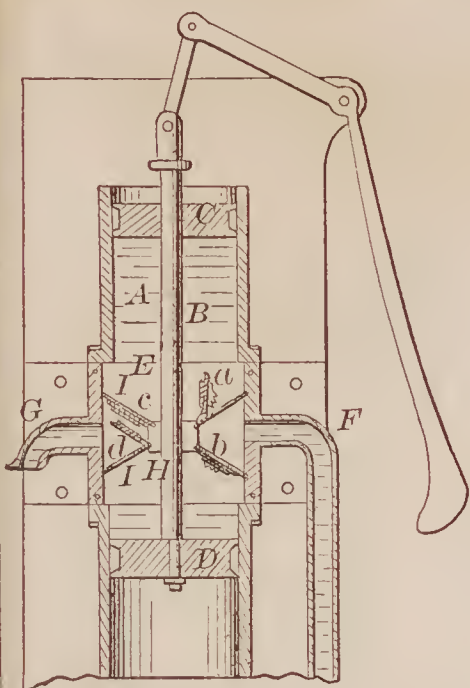
69181—E. Cole—*Buckle*.



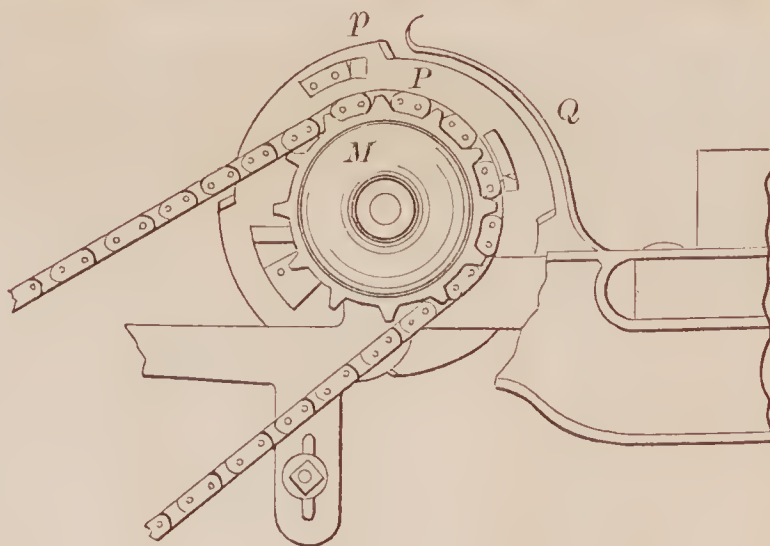
69182—E. Cole—*Buckle*.



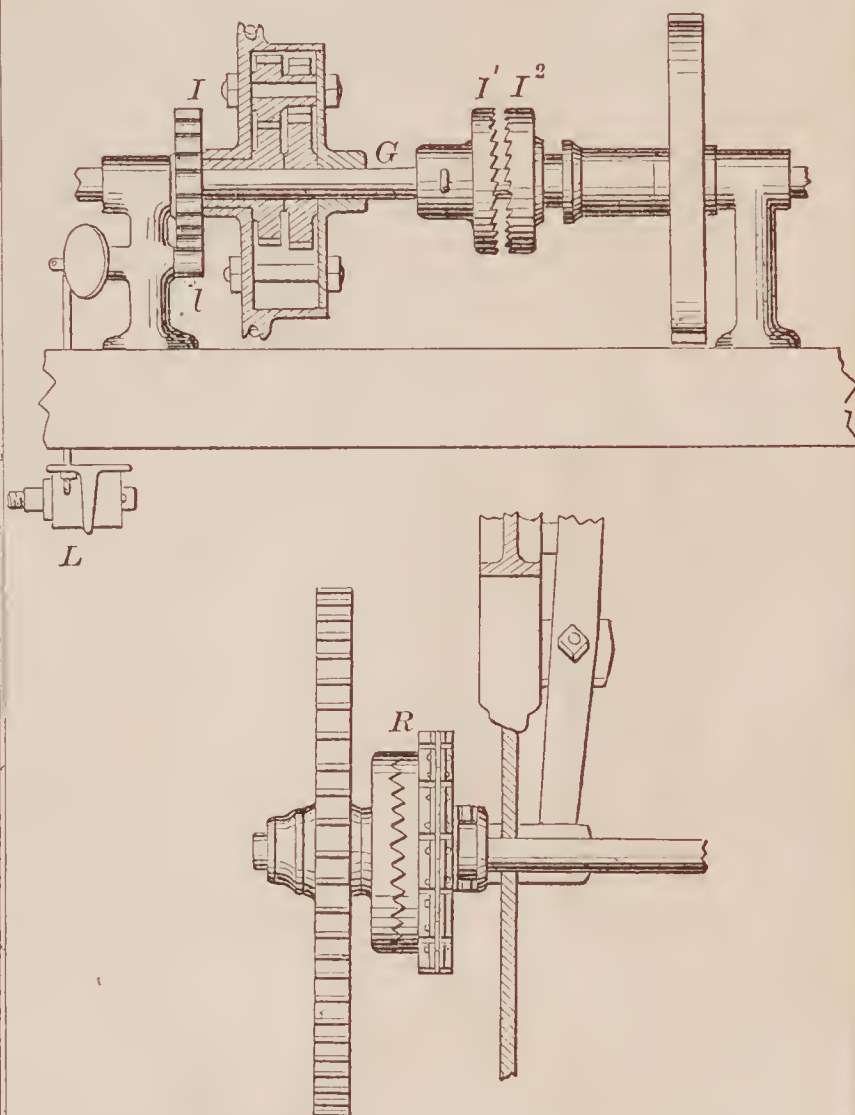
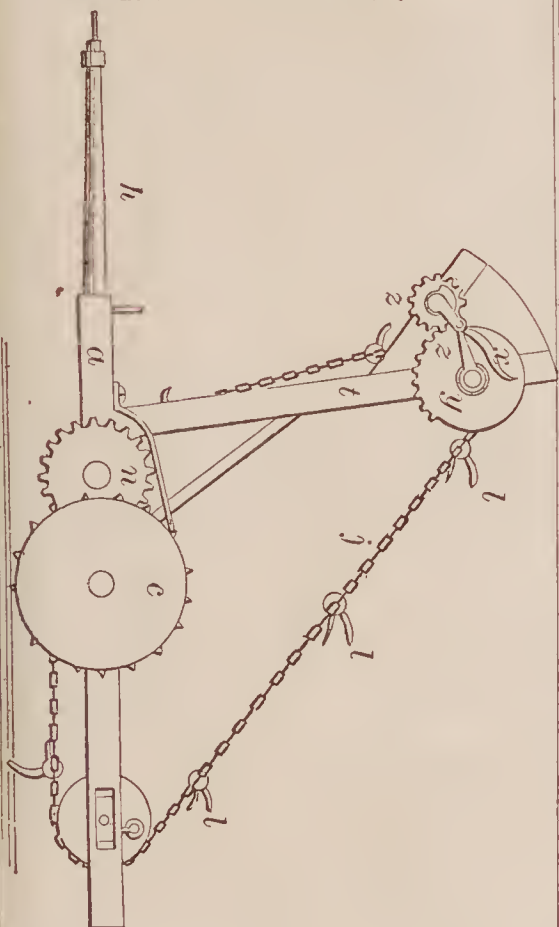
69183—G. M. Cole—*Pump.*



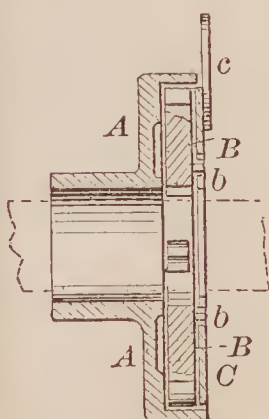
69188—H. Crossman—*Self-Acting Mule.*



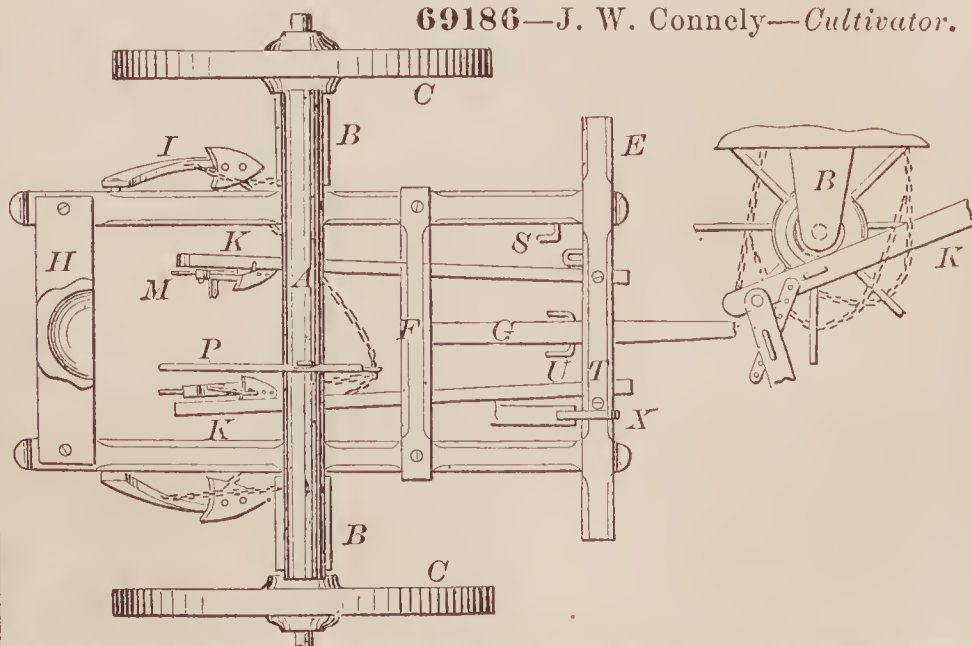
69187—L. D. Copeland—*Hay Raker and Loader.*

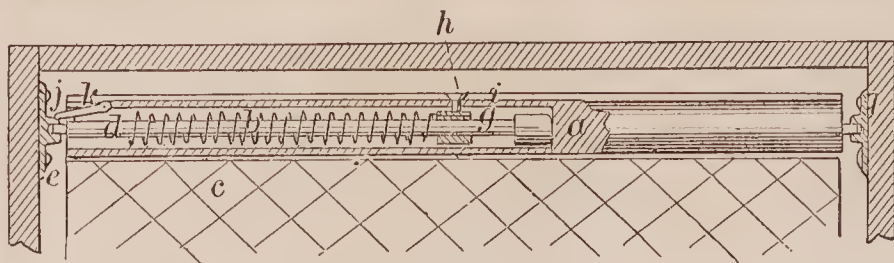
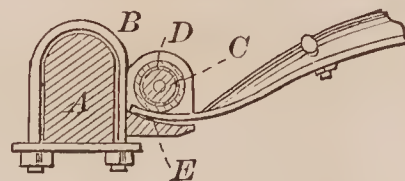
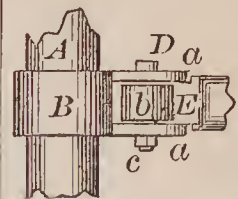
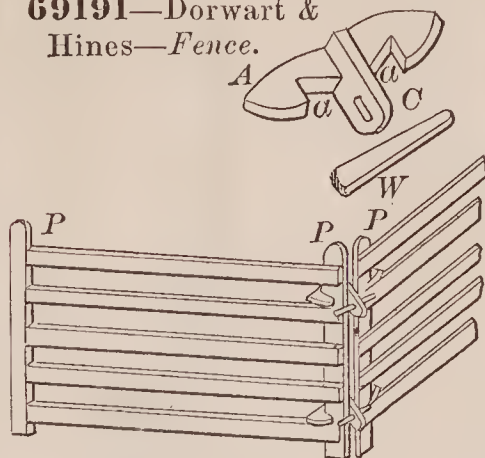
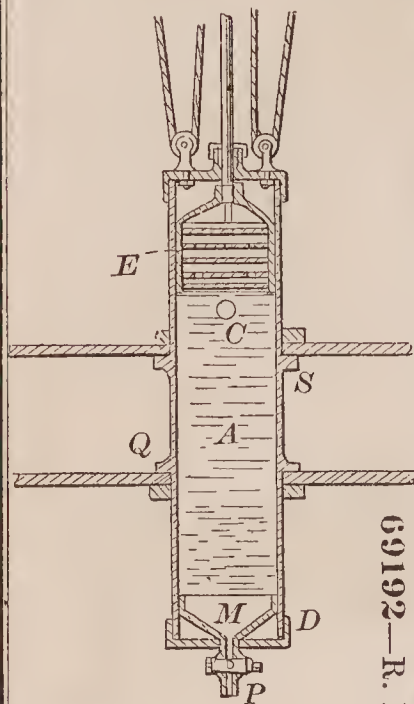
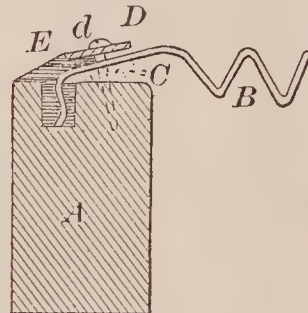
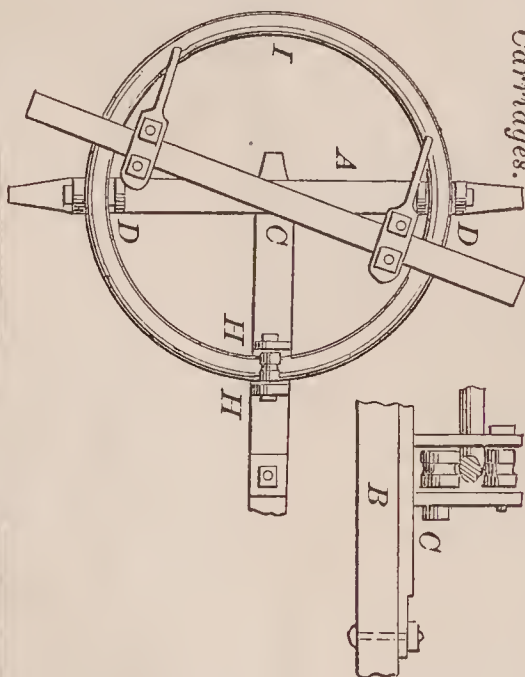
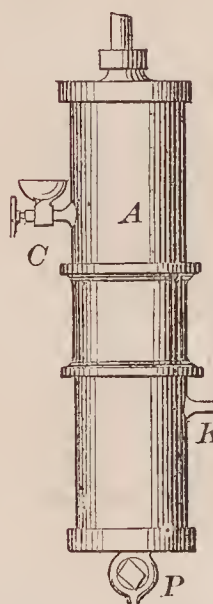
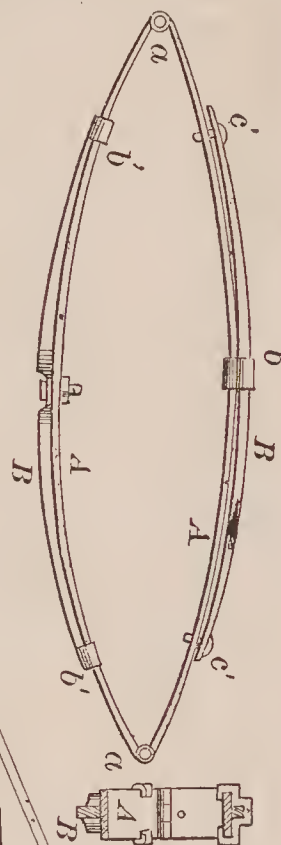
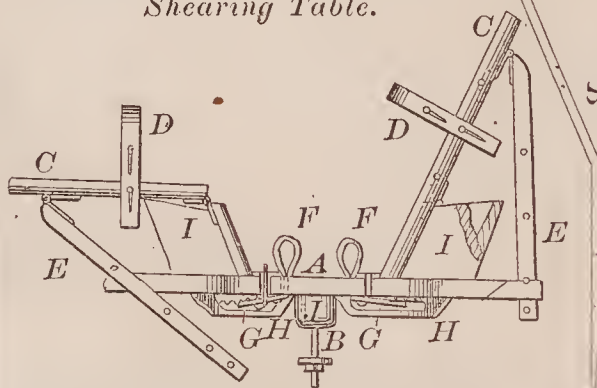
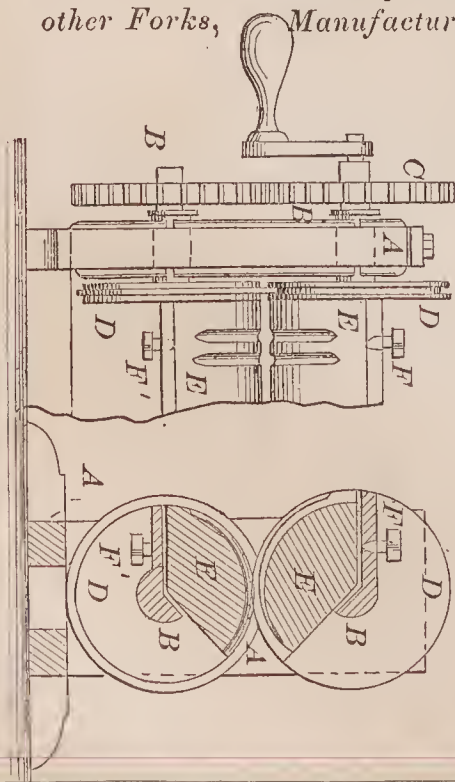
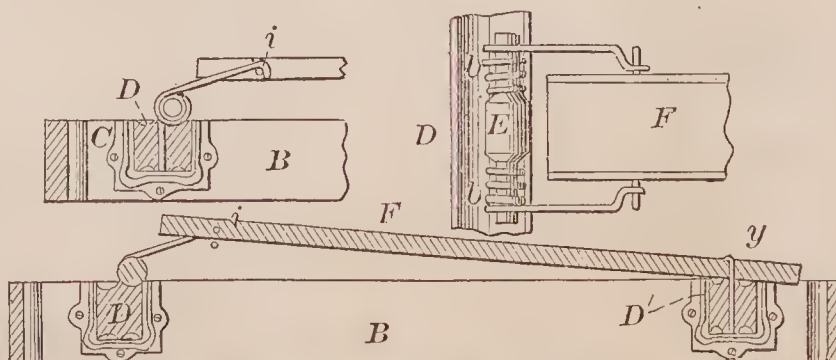


69184—W. T. Cole—*Chuck.*

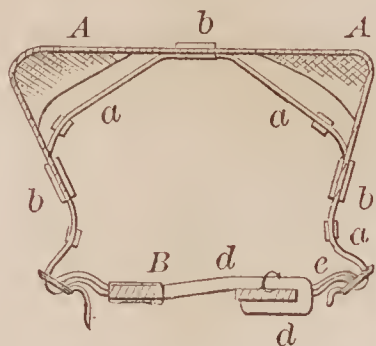


69186—J. W. Connely—*Cultivator.*

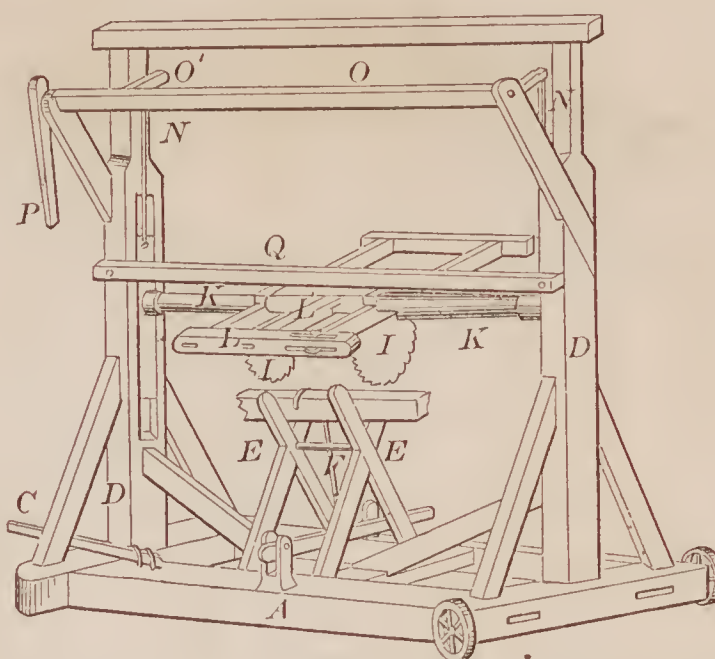


69189—J. David—*Curtain Fixture.*69190—L. Derby—*Thill Coupling.*69191—Dorwart & Hines—*Fence.*69193—J. Dreusike—*Bed Bottom.*69192—R. B. Douglas—*For Filtering Petroleum.*69194—T. A. Edmison—*Turning Plate for Carriages.*69197—W. H. English—*Carriage Spring.*69195—W. Ellyson—*Sheep Shearing Table.*69196—G. B. Ely—*Hay and other Forks, Manufacture.*69198—E. E. Everitt—*Spring Bed Bottom.*

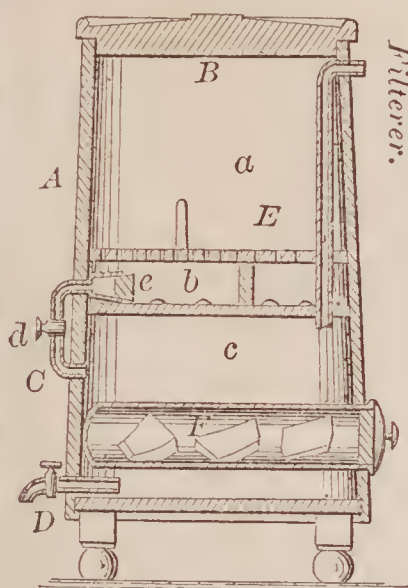
69199—S. Ferris—Horse Blinder.



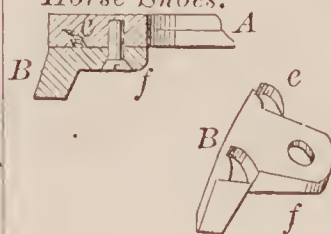
69202—H. C. Freeman—Sawing Machine.



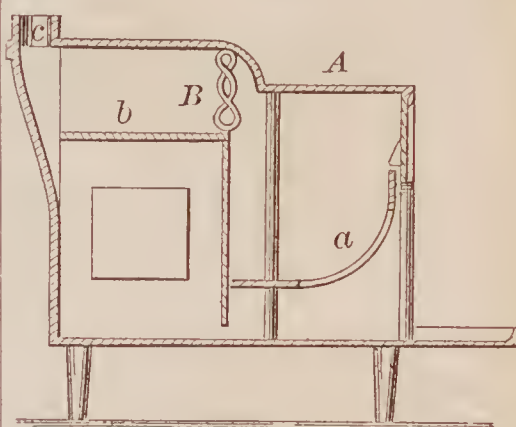
69200—H. W. Fisher—Cooler and Filterer.



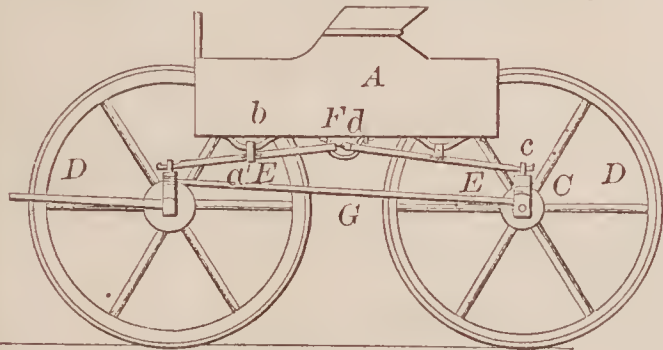
69201—J. Forbes—Attaching Calks to Horse Shoes.



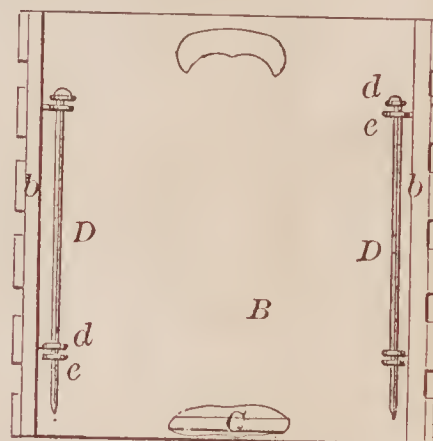
69203—J. Garrison—Cook Stove.



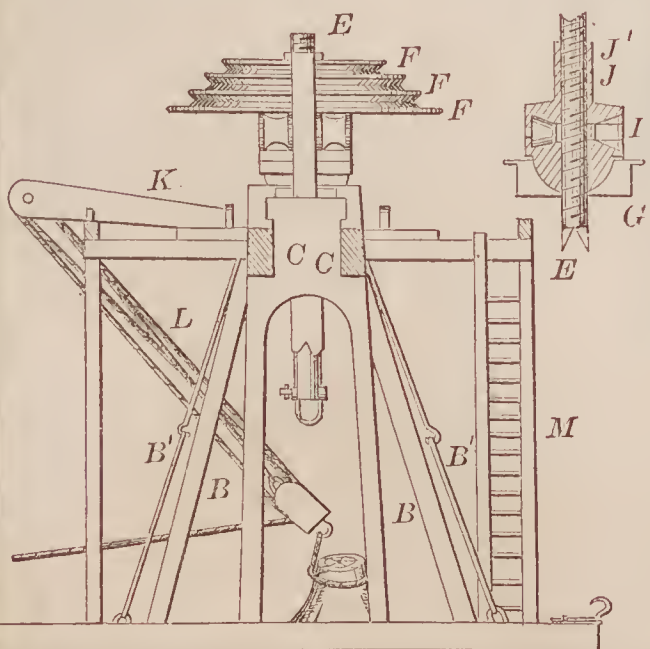
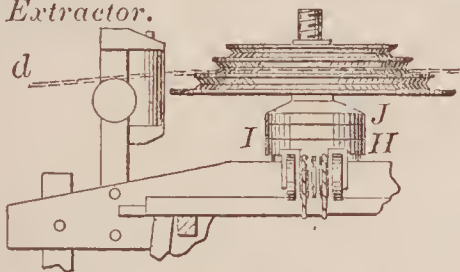
69208—C. P. Hawley—Wagon Spring.



69204—F. Gearing—Market Box.



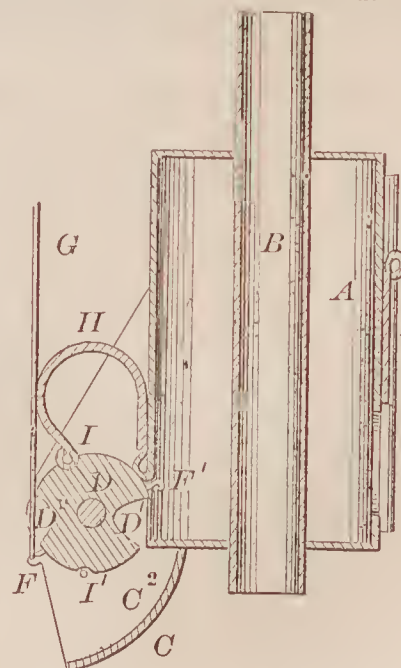
69209—Hazen & Hitchcock—Stump Extractor.

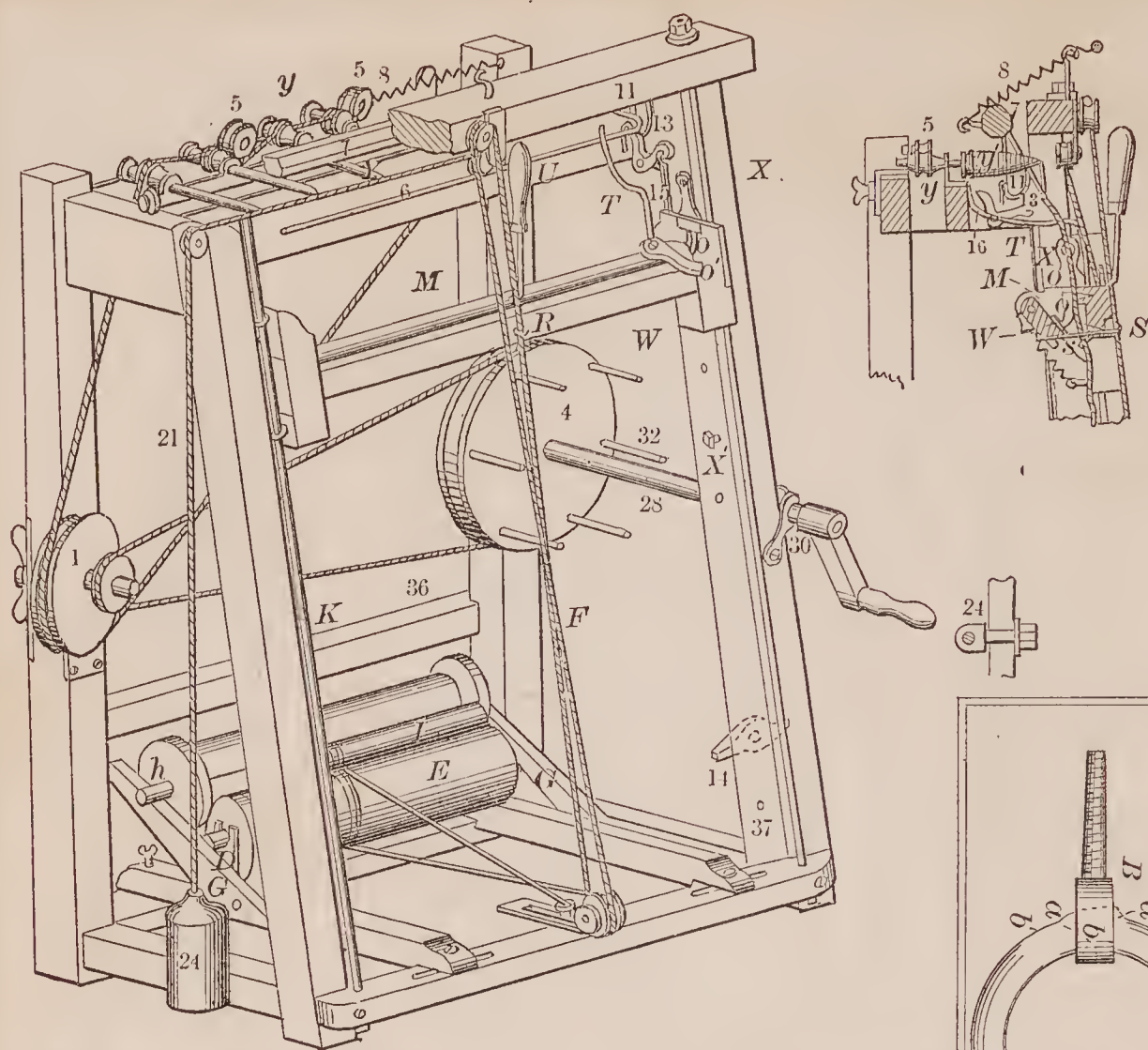
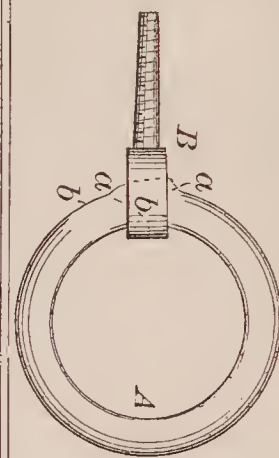
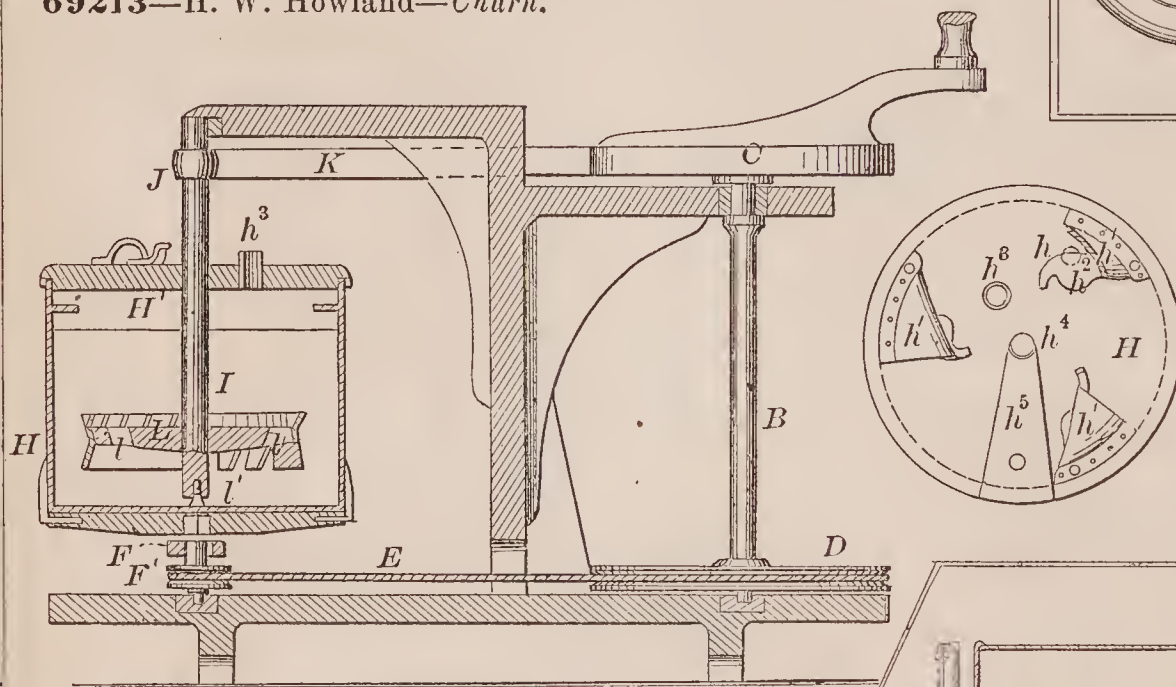
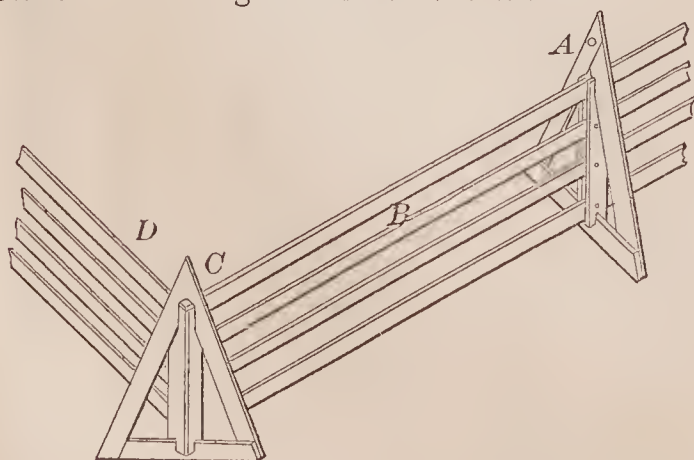
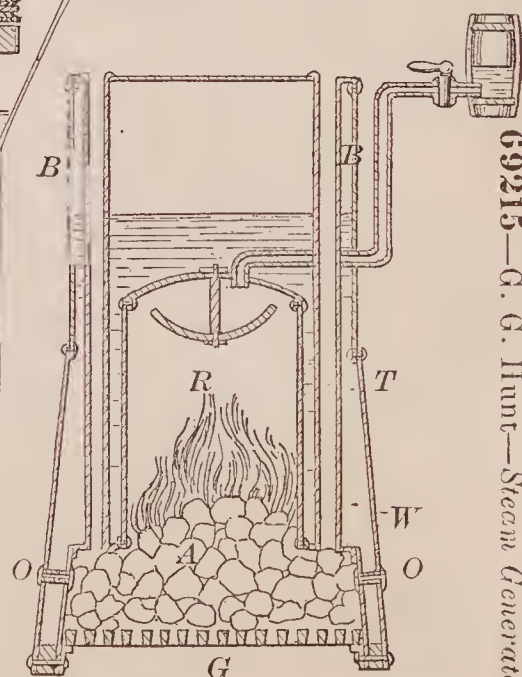


69205—W. Germain—Condensing Tube for Carding Machines.

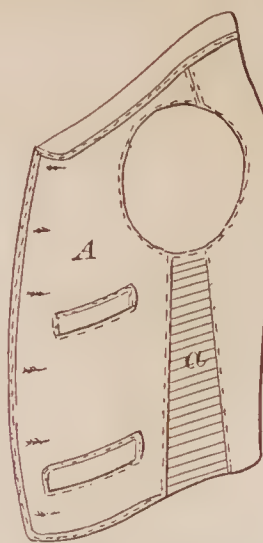


69207—Harper & Partridge—Seed Dropper.

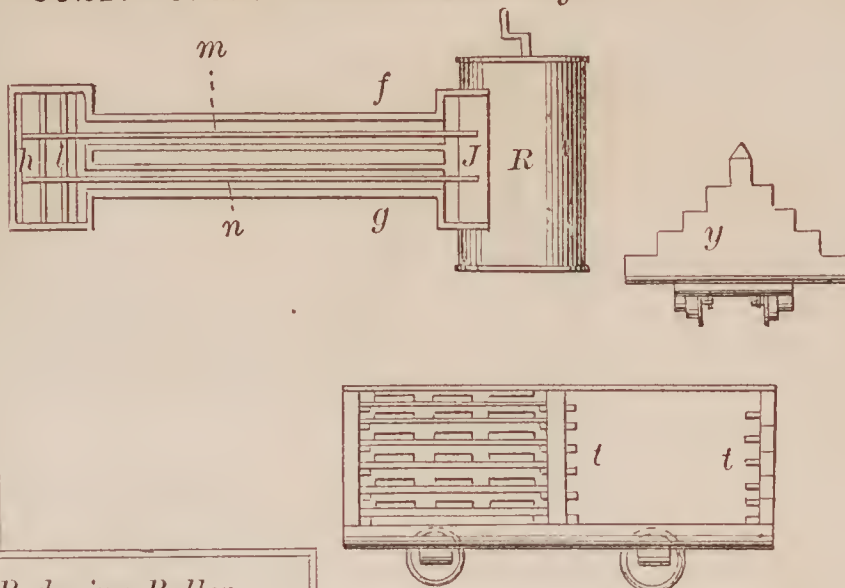


69211—Hoover & Hadley—*Spinning Machine*.69212—J. P. Howell—*Hitching Ring*.69213—H. W. Howland—*Churn*.69214—J. C. Hughes—*Portable Fence*.69215—G. G. Hunt—*Steam Generator*.

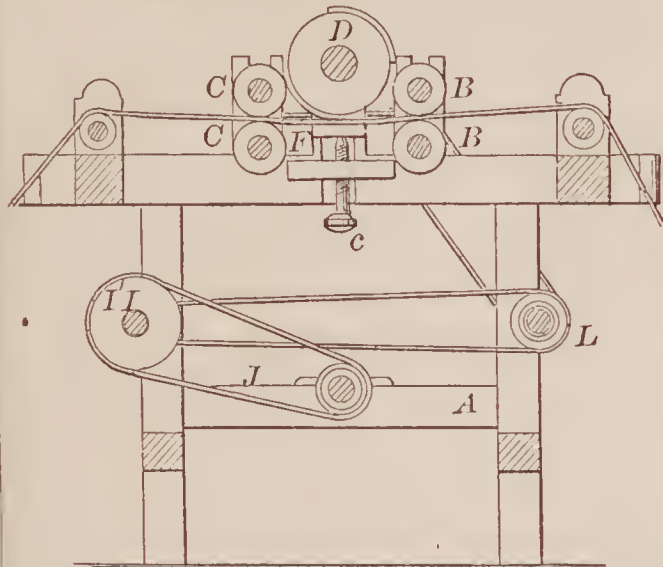
69216—S. W. Huntington—Vest.



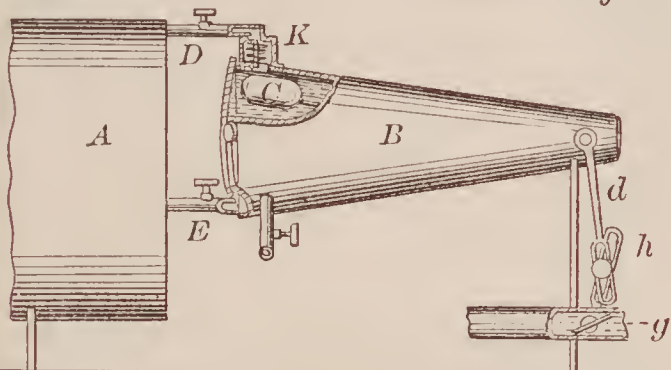
69217—J. J. Johnston—Brick Dryer.



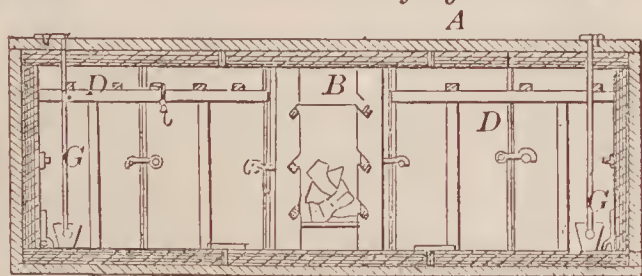
69219—W. C. Joslin—For Reducing Roller Leather to a Uniform Thickness.



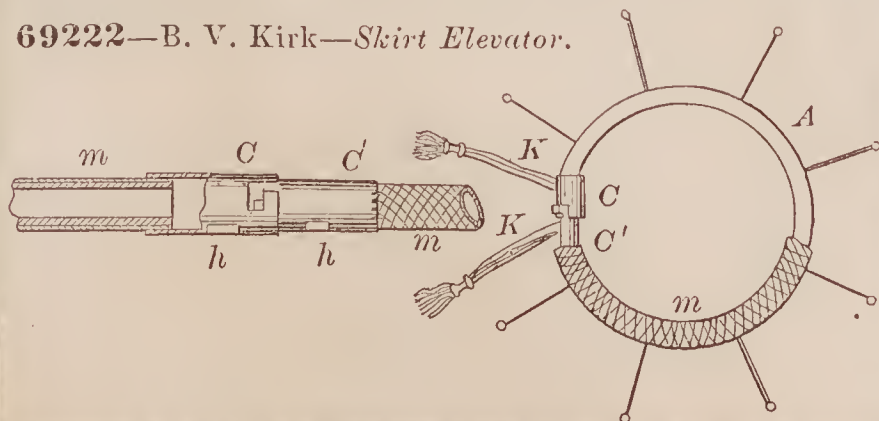
69218—R. J. Jordan—Boiler Water Regulator.



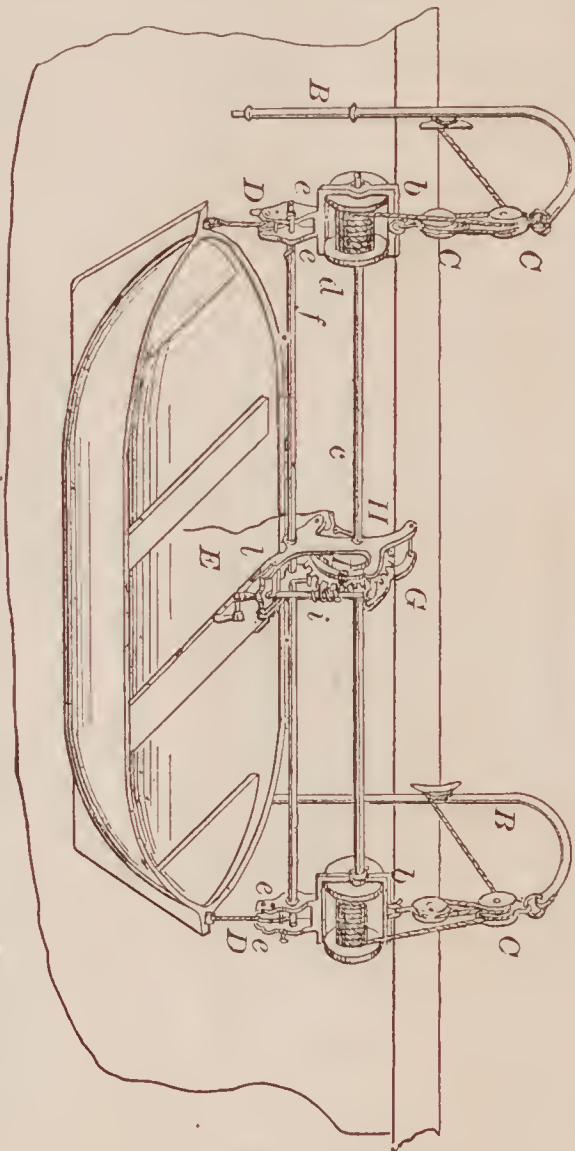
69223—Le G. Kniffen—Refrigerator Car.



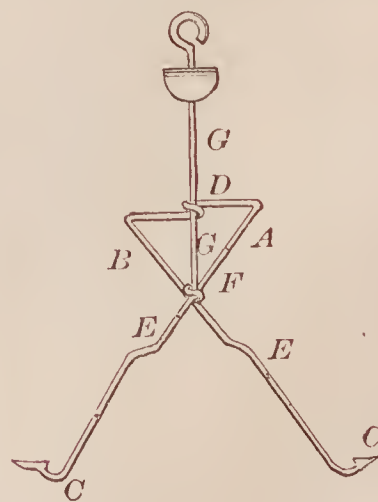
69222—B. V. Kirk—Skirt Elevator.



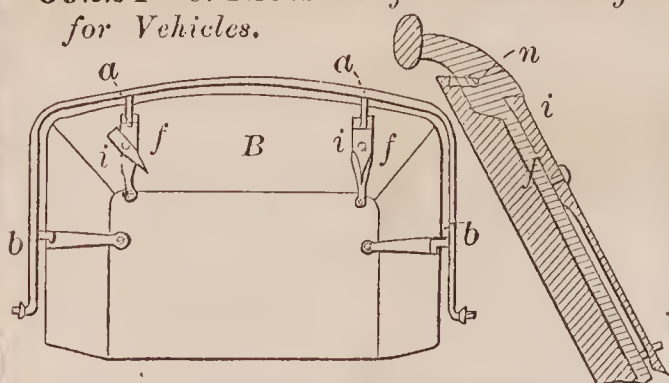
69220—M. Joyce—Boat Lowering and Detaching Apparatus.



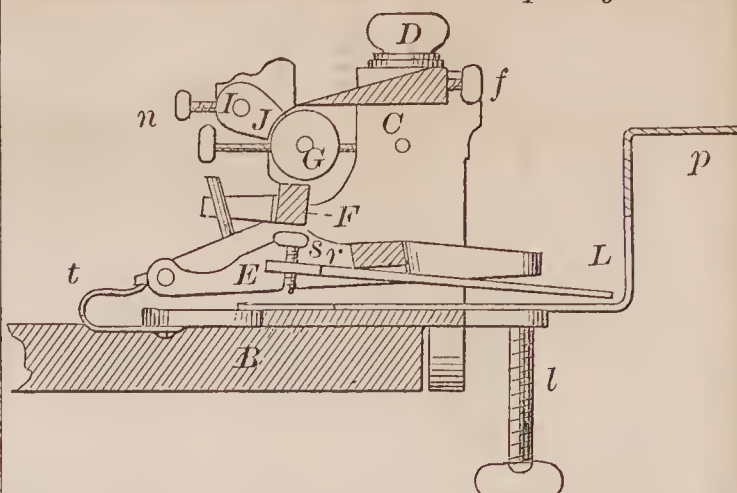
69221—D. Kidder—Spring Fish Hook.



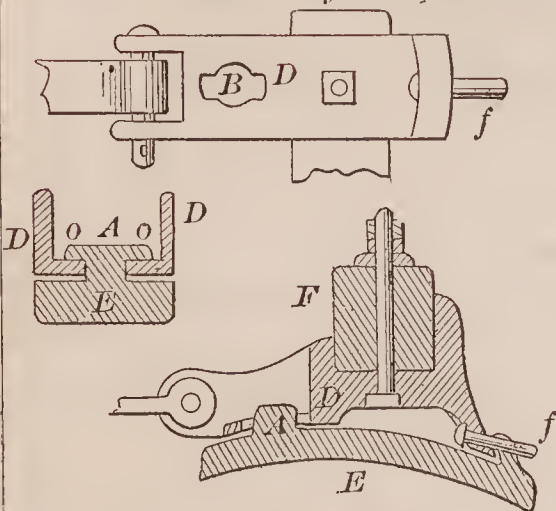
69224—C. Krebs—*Adjustable Railing for Vehicles.*



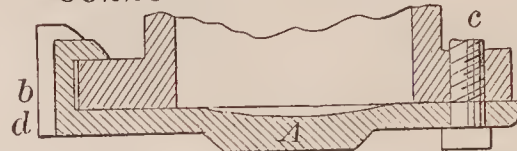
69229—W. Mannheim—*For Tapering Leather.*



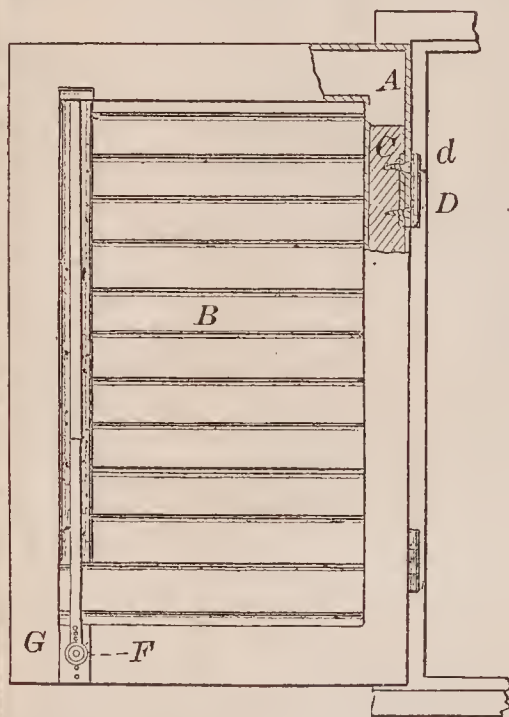
69226.—Lamason & Murray—*Brake Block and Shoe for Railroads.*



69225—B. P. Lamason—*Axle Box.*



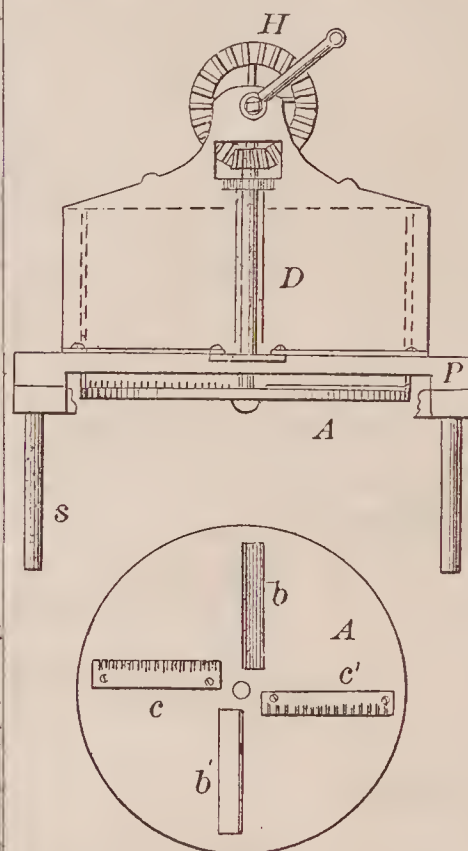
69231—C. K. Marshall—*Window Blind.*



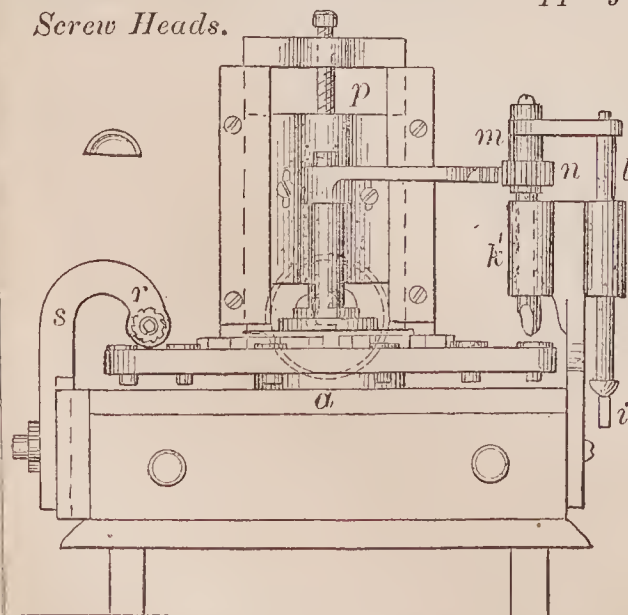
69227--0. Lapham—Wagon Tongue Support



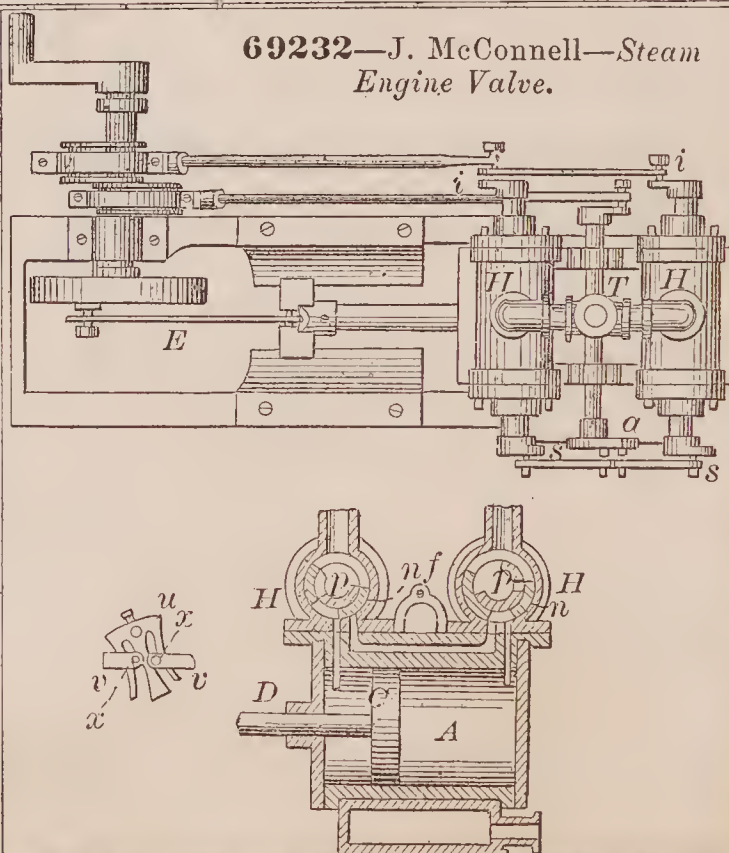
69228—H. Liebmann—*Vegetable Slicer.*



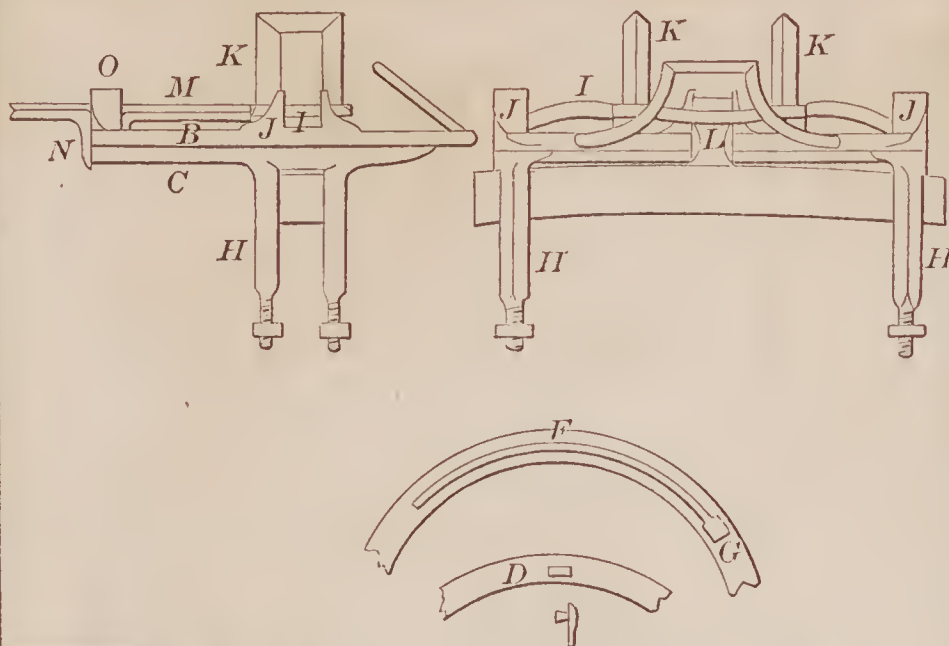
69230—Manville & Judd—*For Capping
Screw Heads.* 



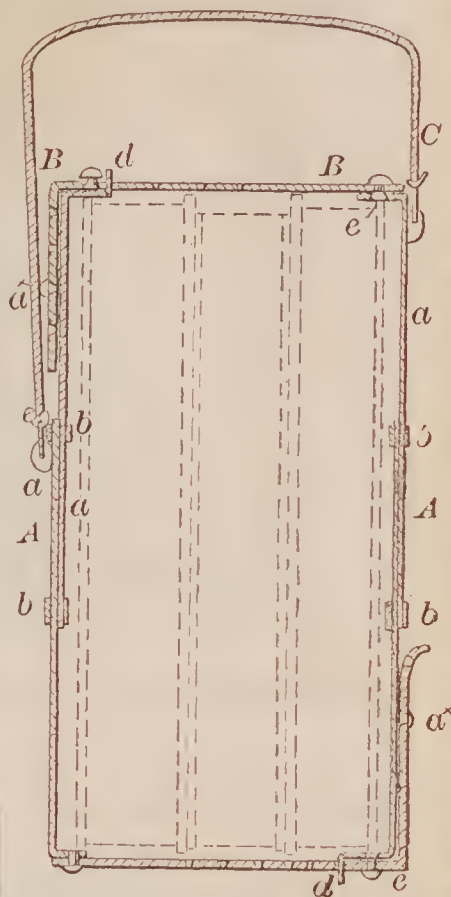
69232—J. McConnell—*Steam Engine Valve.*



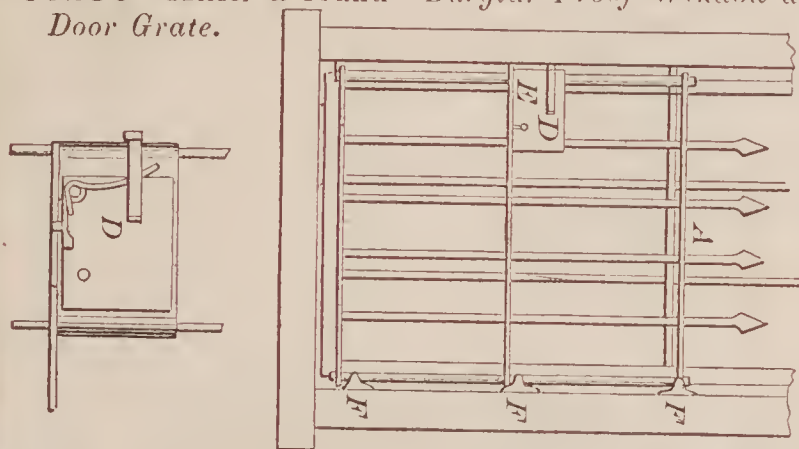
69233—J. R. McGuire—*Carriage Circle.*



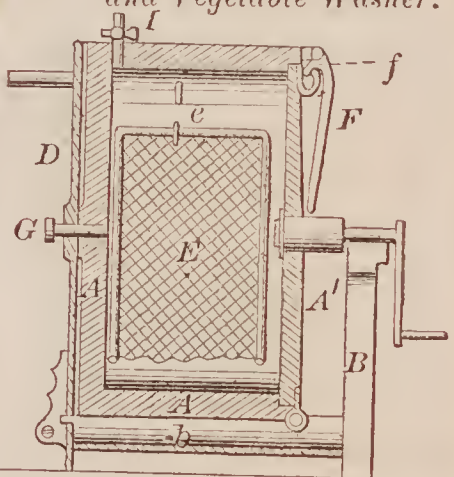
69234—J. W. McKee—*Clamp Strap for School Books.*



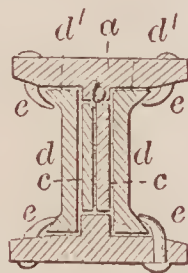
69236—Miller & Mund—*Burglar Proof Window and Door Grate.*



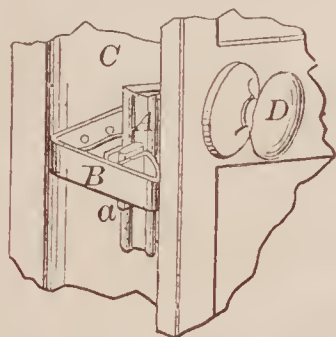
69240—J. N. Paddock—*Dish and Vegetable Washer.*



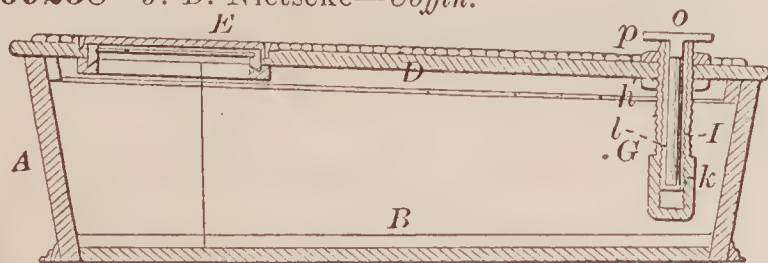
69237—W. W. Miller—*Fagot for Beams.*



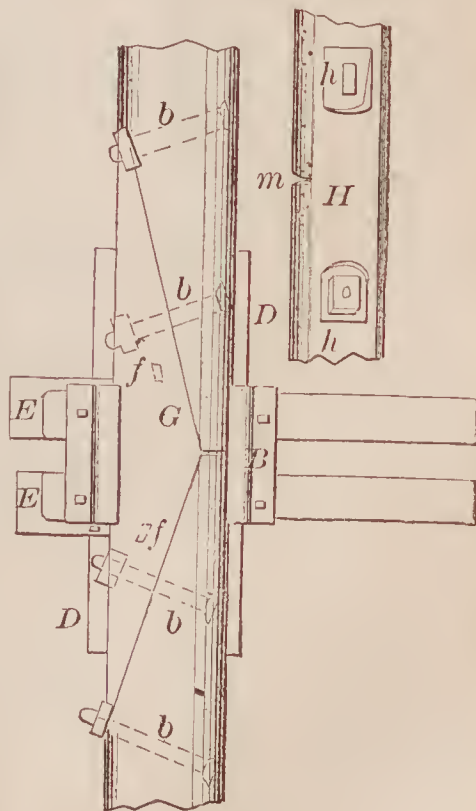
69235—W. A. Messler—*Door Holder.*



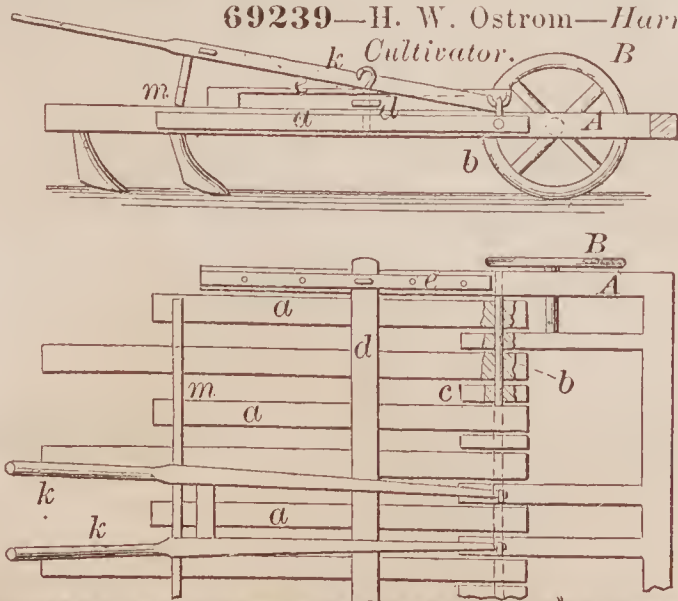
69238—J. D. Nietzsche—*Coffin.*

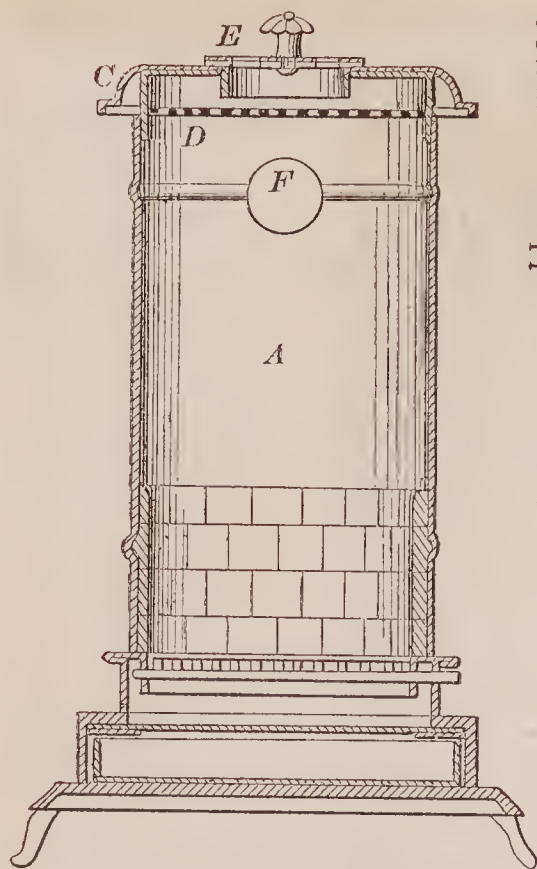


69241—G. Palmer—*Joint and Railroad Rail.*



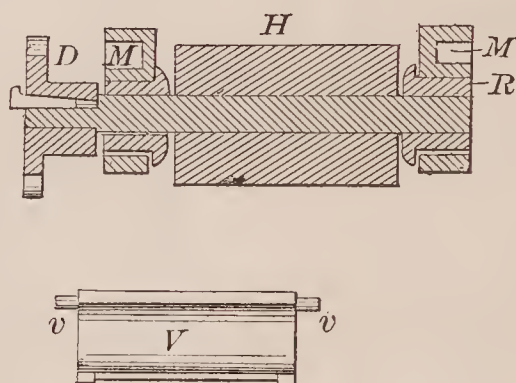
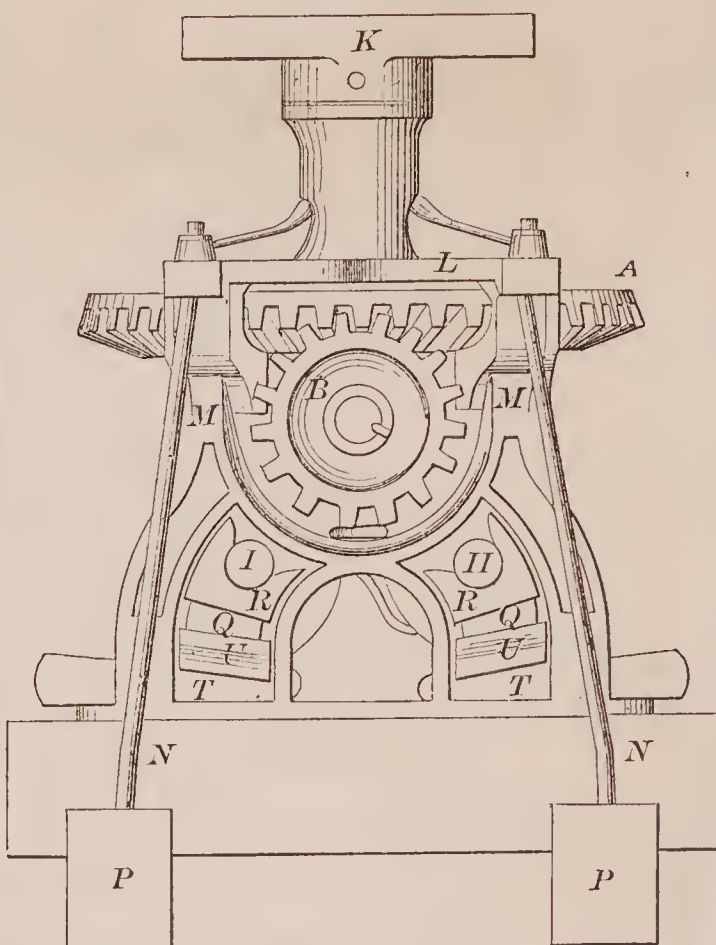
69239—H. W. Ostrom—*Harrow Cultivator.*



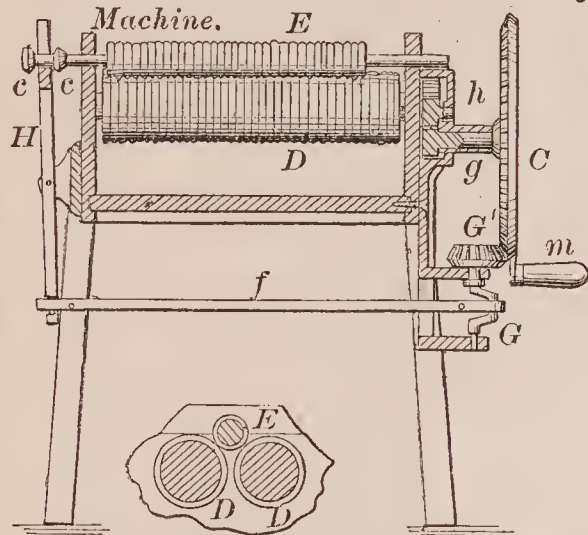


69242—C. Pepper—Coal Stove.

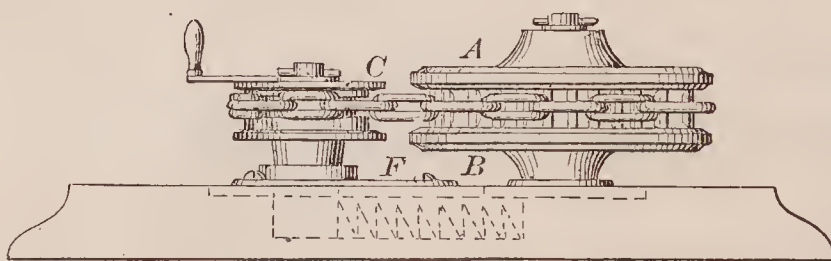
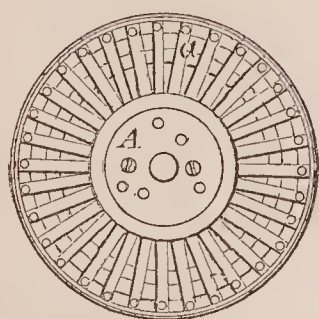
69244—Powers & Stevens—Sugar Cane Mill.



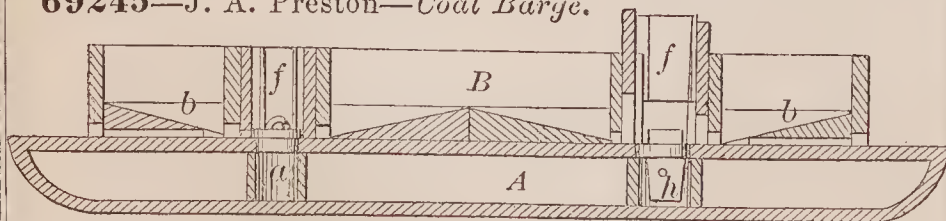
69246—J. H. Quackenbush—Washing Machine.



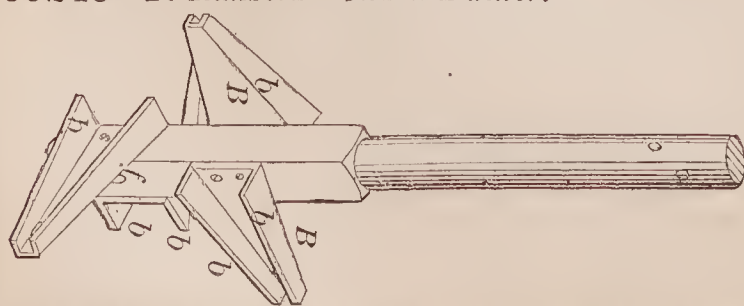
69243—S. Perry—Chain Wheel for Chain Horse Power.



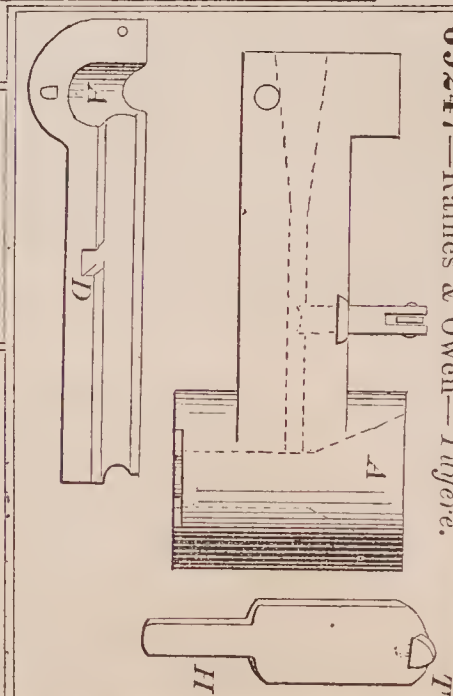
69245—J. A. Preston—Coal Barge.



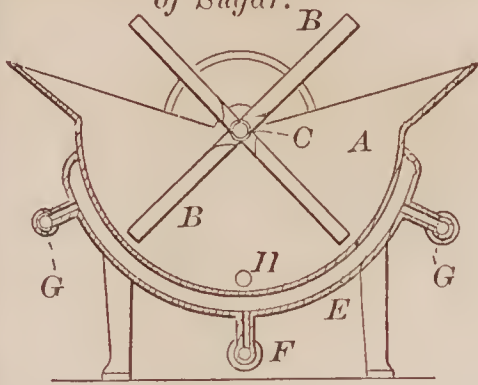
69248—F. Ransom—Churn Dasher.



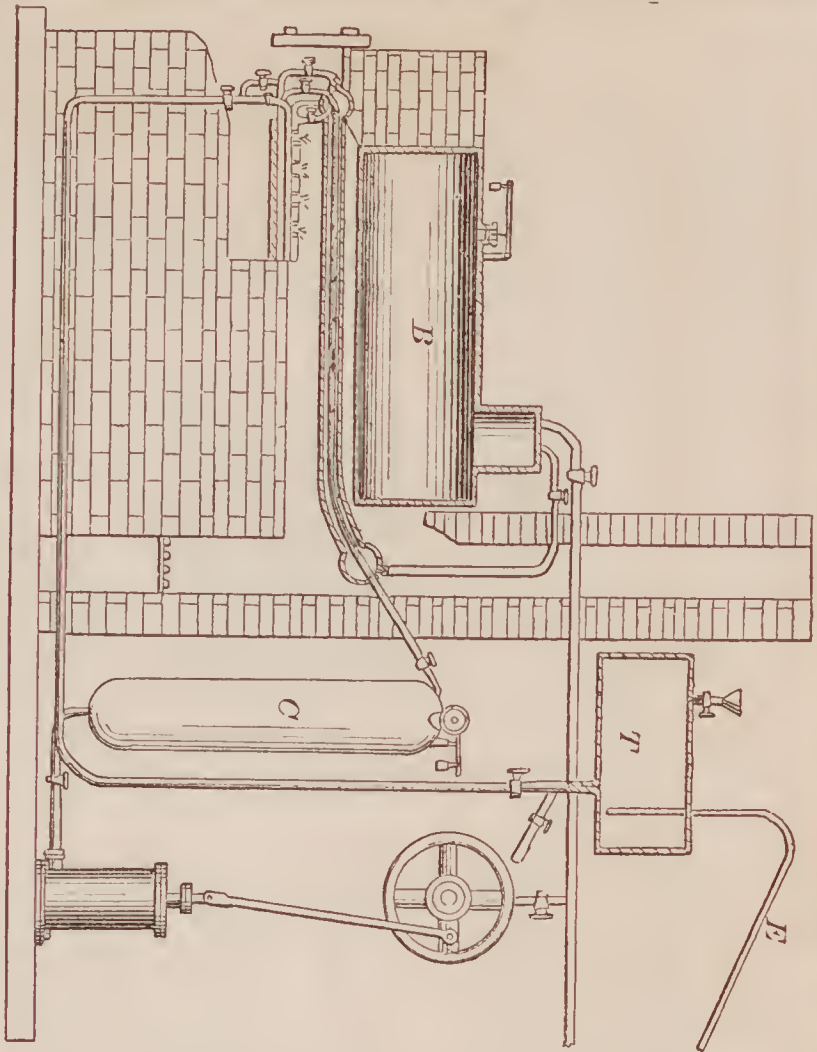
69247—Raimes & Owen—Tugere.



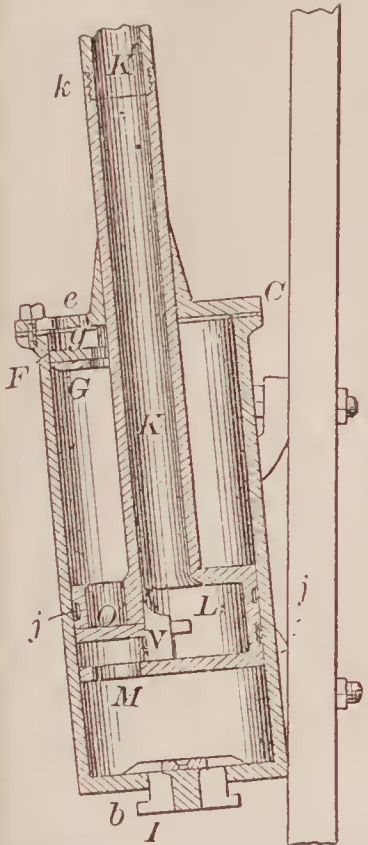
69249—I. W. Reid—*Manufacture of Sugar.*



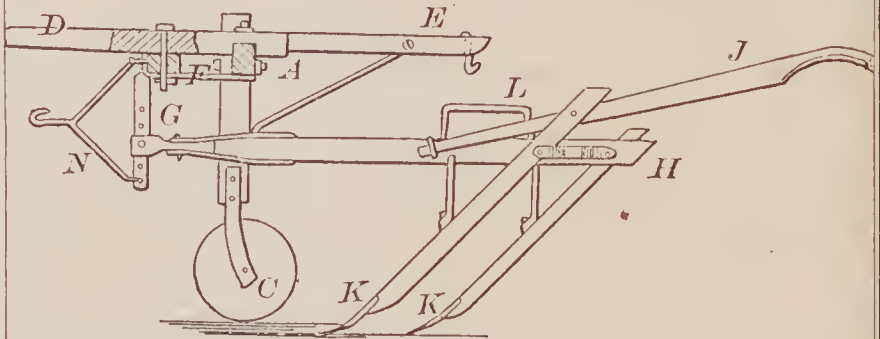
69253—C. Saffray—*For Burning Crude Petroleum.*



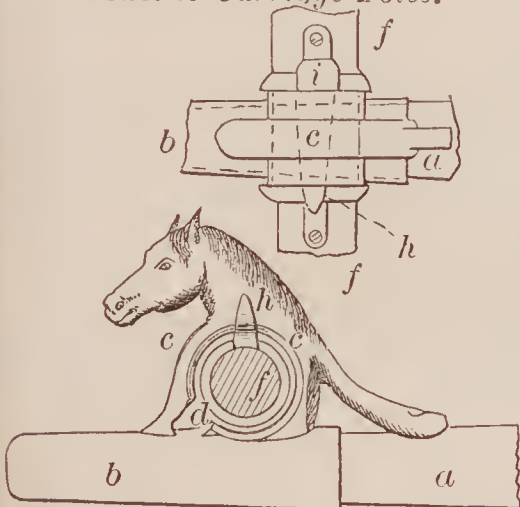
69250—A. J. Reynolds—*Pump.*



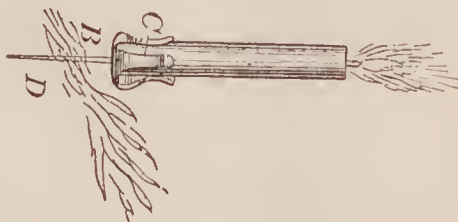
69255—J. Schröder—*Cultivator.*



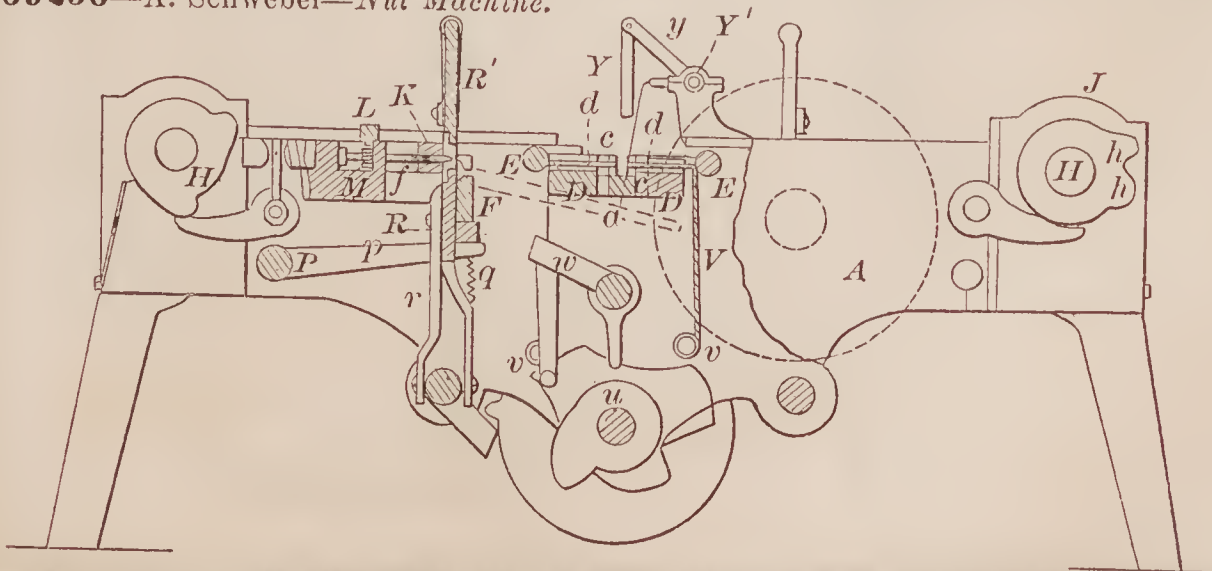
69251—U. Reynolds—*Attaching Yokes to Carriage Poles.*

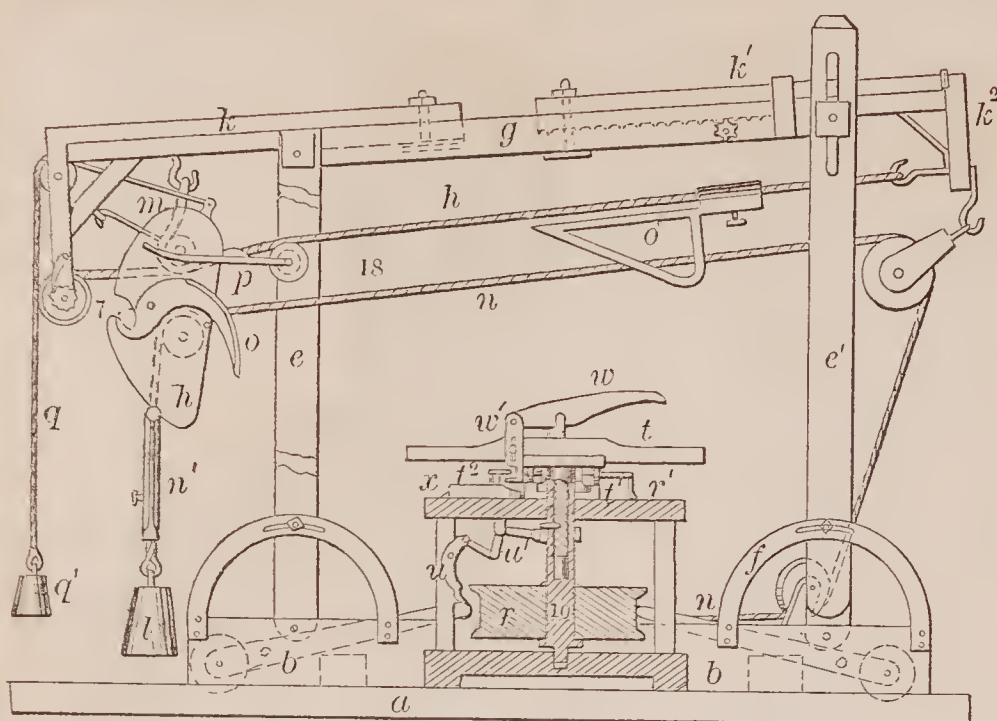
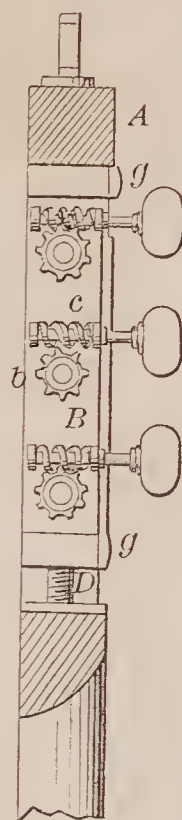
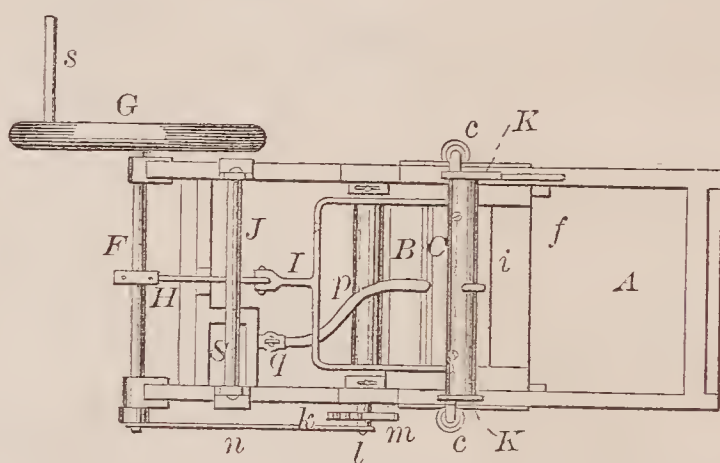
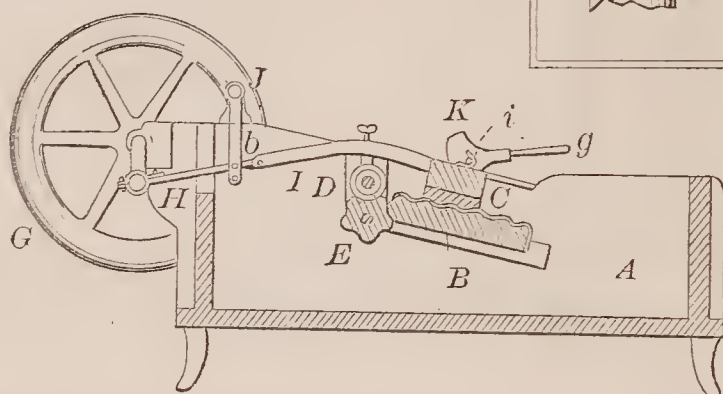
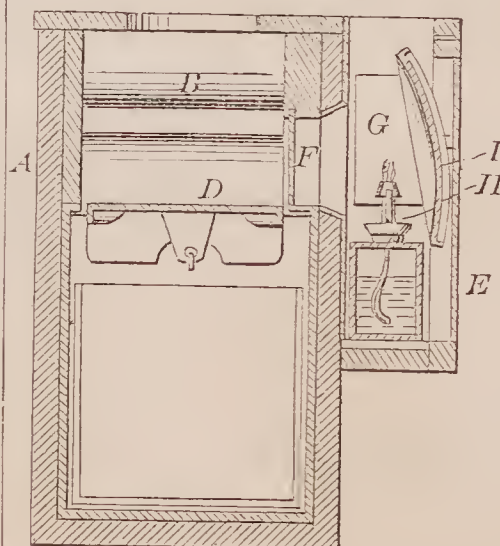
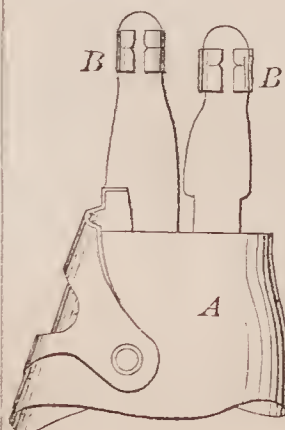
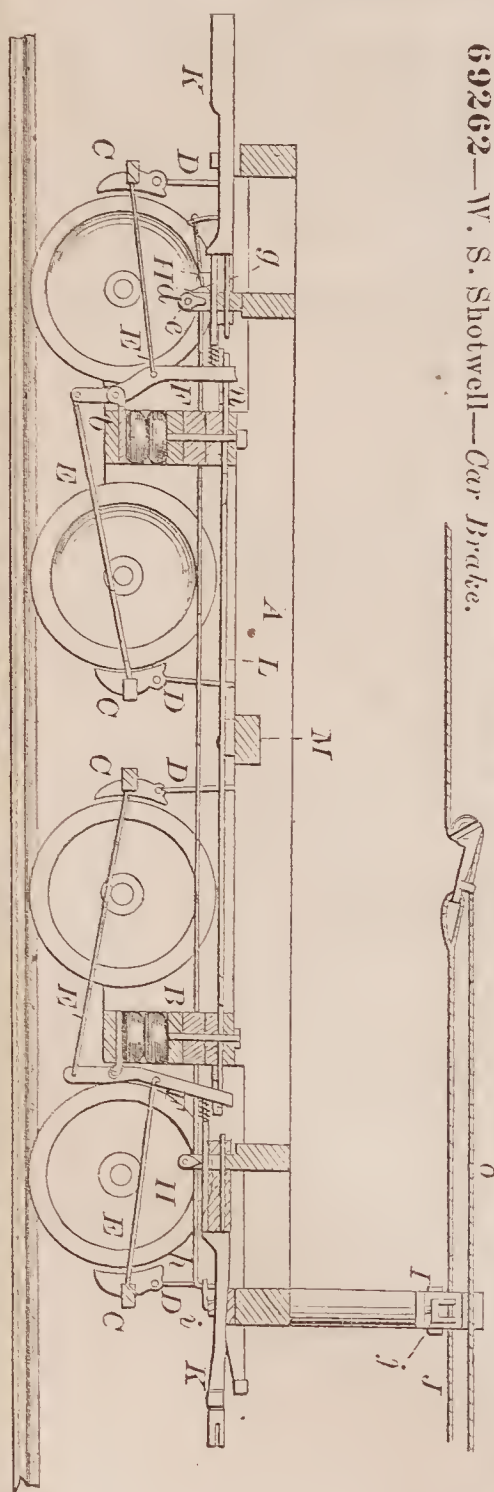


69254—M. Schall—*Candle Holder.*

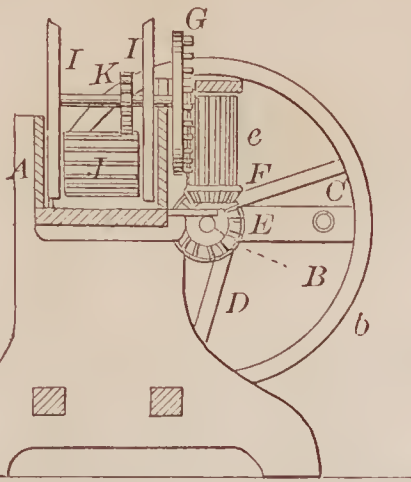


69256—A. Schwebel—*Nut Machine.*

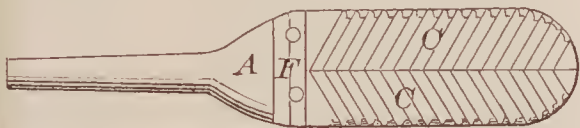


69257—E. U. & W. L. Scoville—*Hoisting Apparatus.*69259—H. Seehausen—*Tuning Attachment for Guitars.*69261—H. F. Schnders—*Washing Machine.*69263—J. B. Slawson—*Omnibus Fare Box.*69258—J. Seehrist—*Corn Husker.*69262—W. S. Shotwell—*Car Brake.*

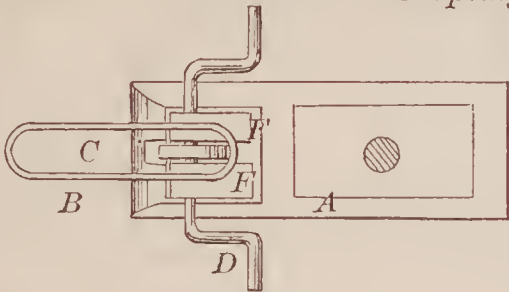
69264—D. A. Smith—*Straw Cutter.*



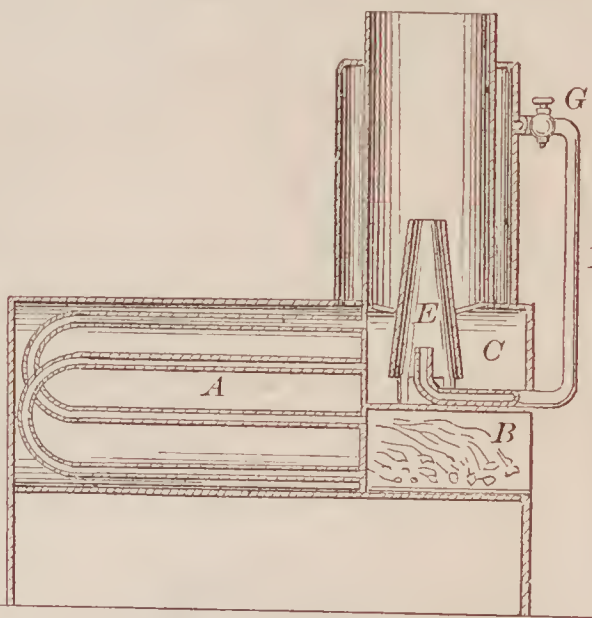
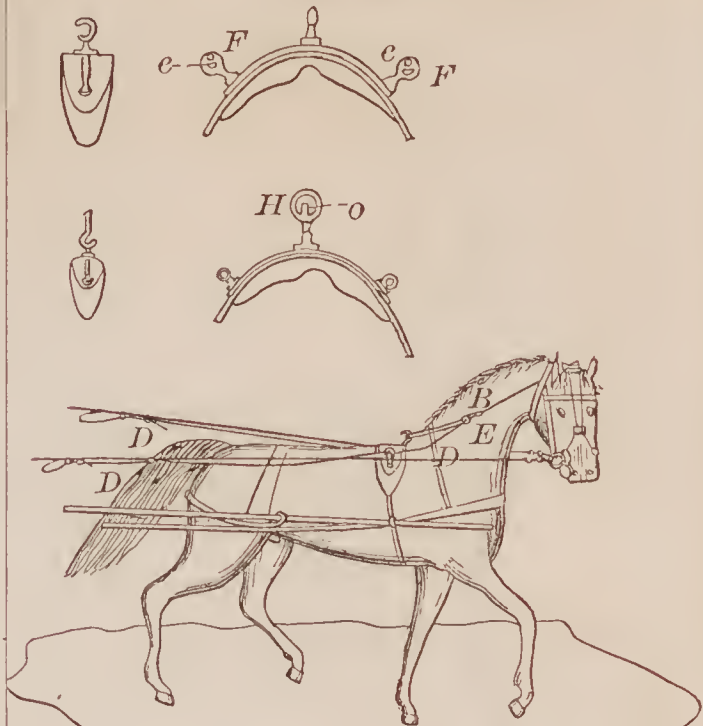
69265—L. S. Smith—*Peg Cutter.*



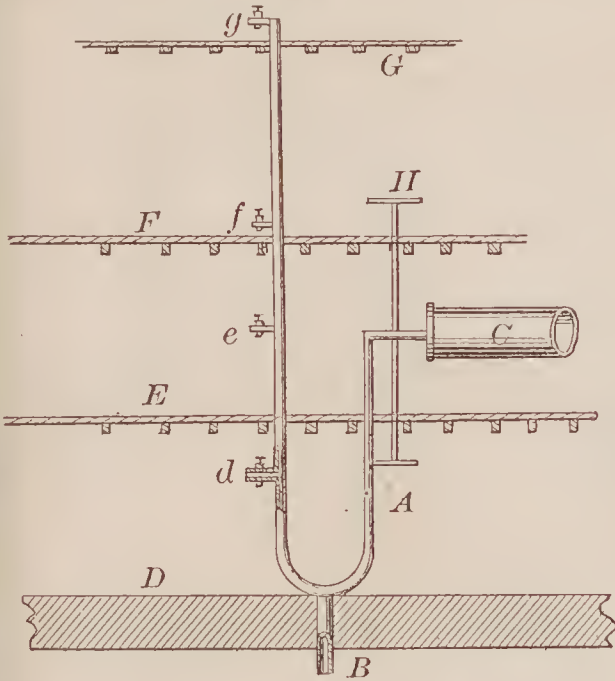
69266—S. H. Smith—*Car Coupling.*



69269—I. Stanbery—*Safety Rein.*

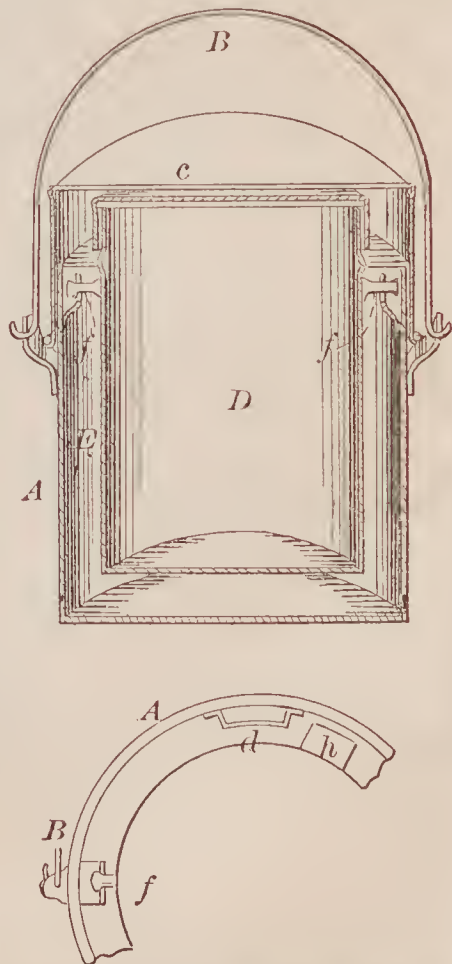


69268—W. H. Squires—*Steam Generator Blower.*

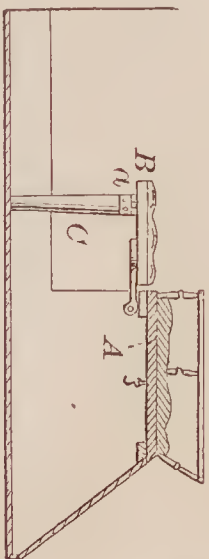


69267—D. Spooner—*For Extinguishing Fire in Steamships.*

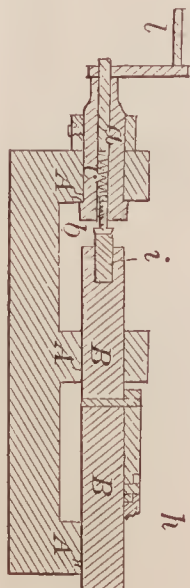
69272—J. S. Tibbals—*Lunch Box.*



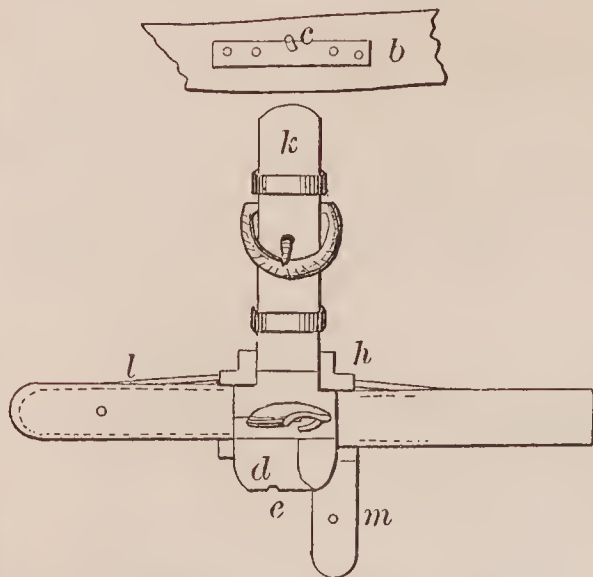
69270—A. E. Thayer—*Third Seat for Carriages.*



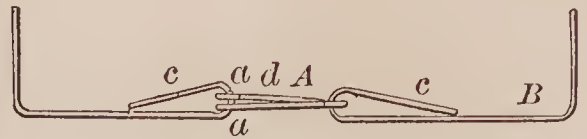
69271—Thompson & Walker—*For Nicking Screw Caps.*



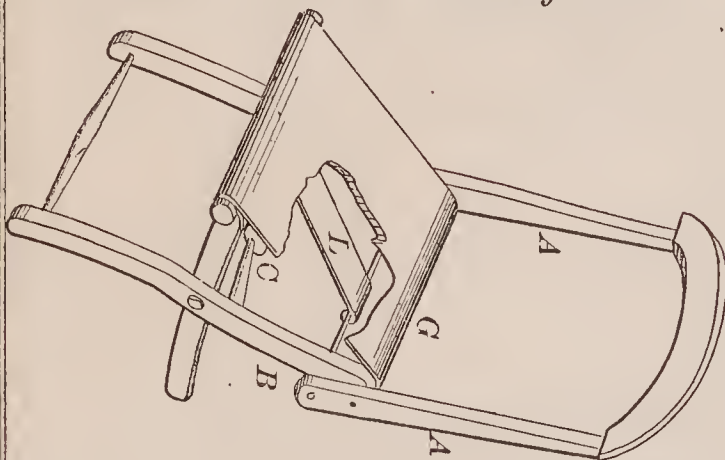
69273—W. H. Townsend—*Attaching Horses to Carriages.*



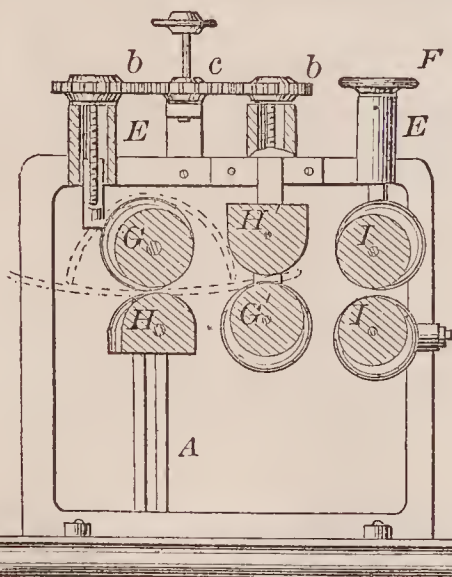
69274—J. W. Truman—*Cotton Bale Tie.*



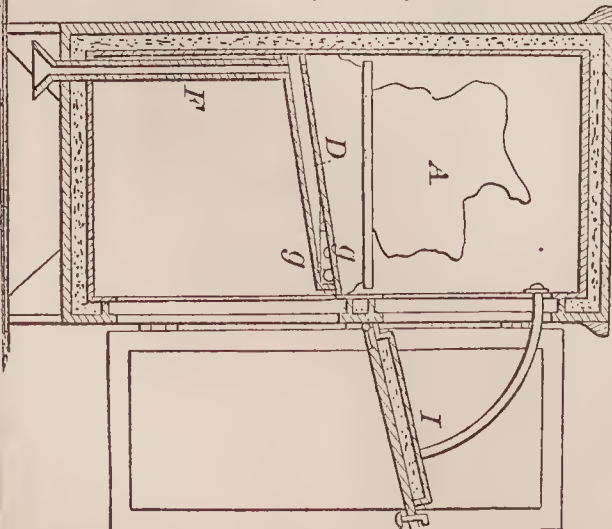
69276—C. S. Twitchell—*Folding Chair.*



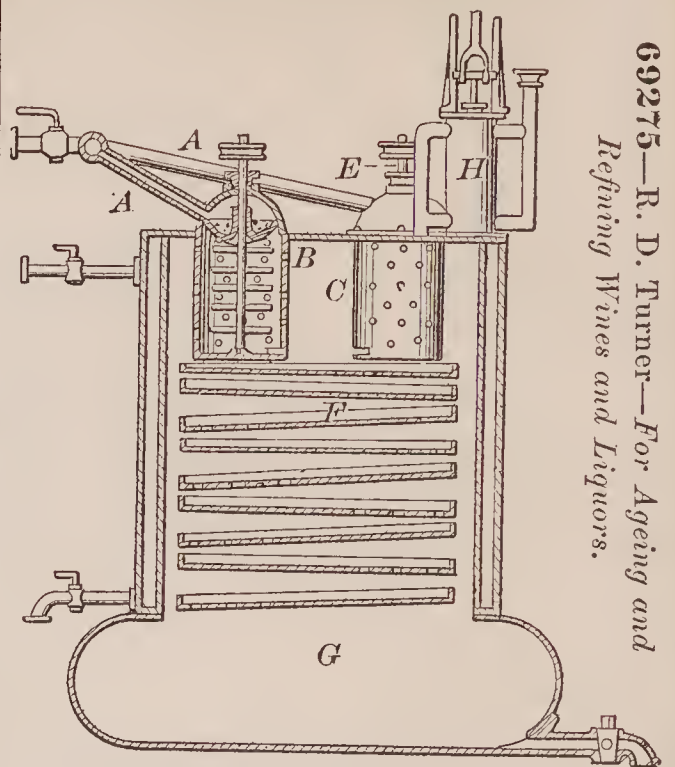
69277—P. W. Vail—*For Pouncing Hats.*



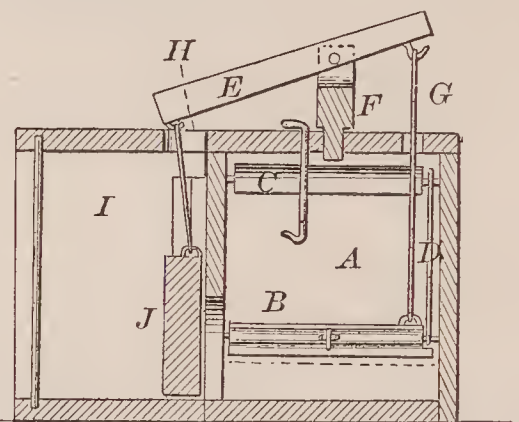
69278—P. A. Vogt—*Refrigerator.*



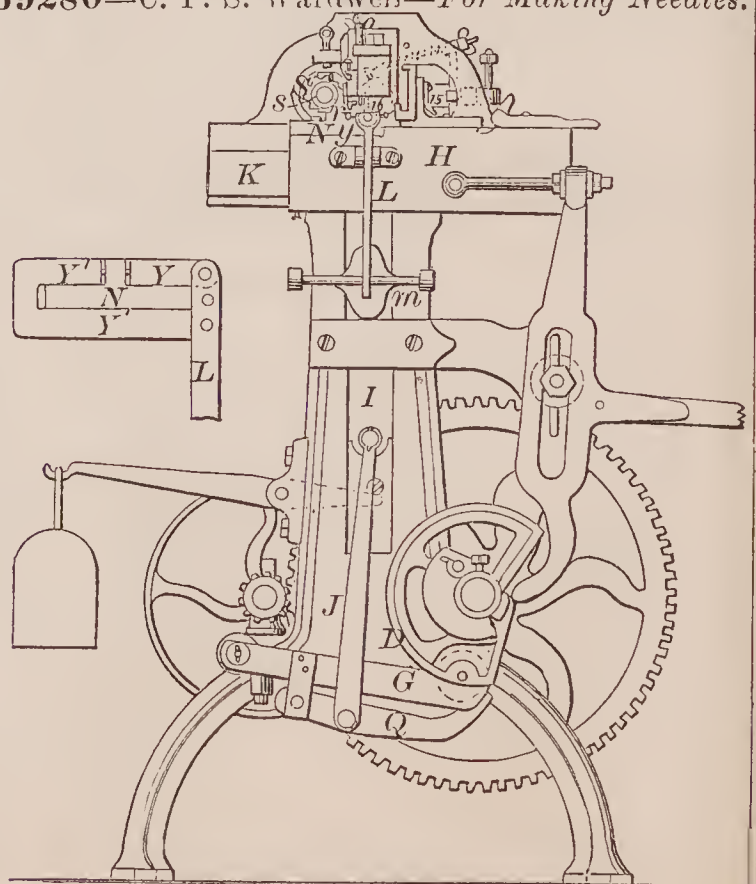
69275—R. D. Turner—*For Ageing and Refining Wines and Liquors.*



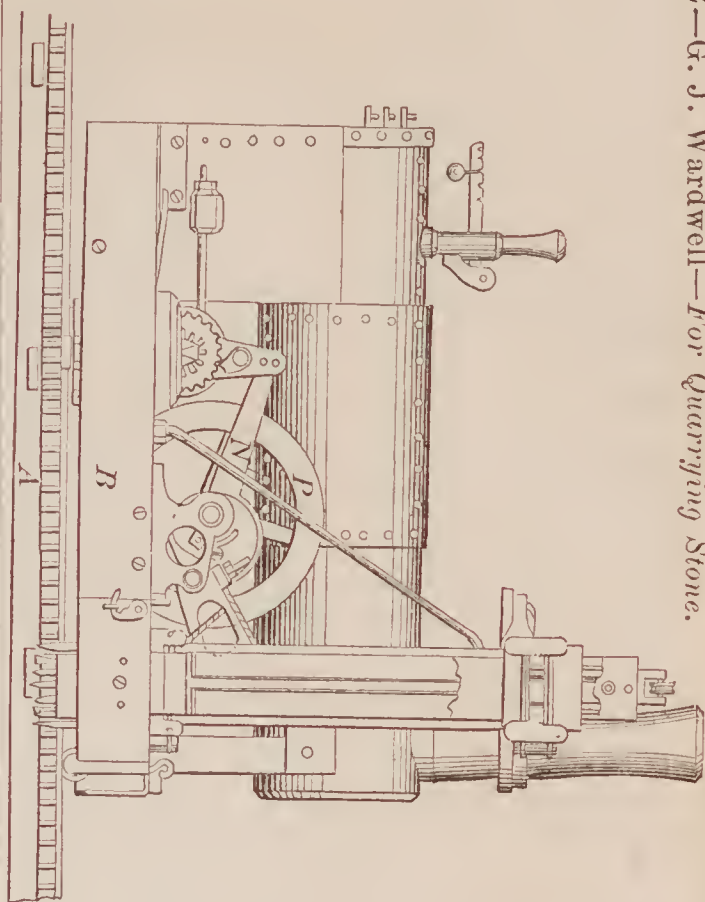
69279—S. Ward—*Animal Trap.*



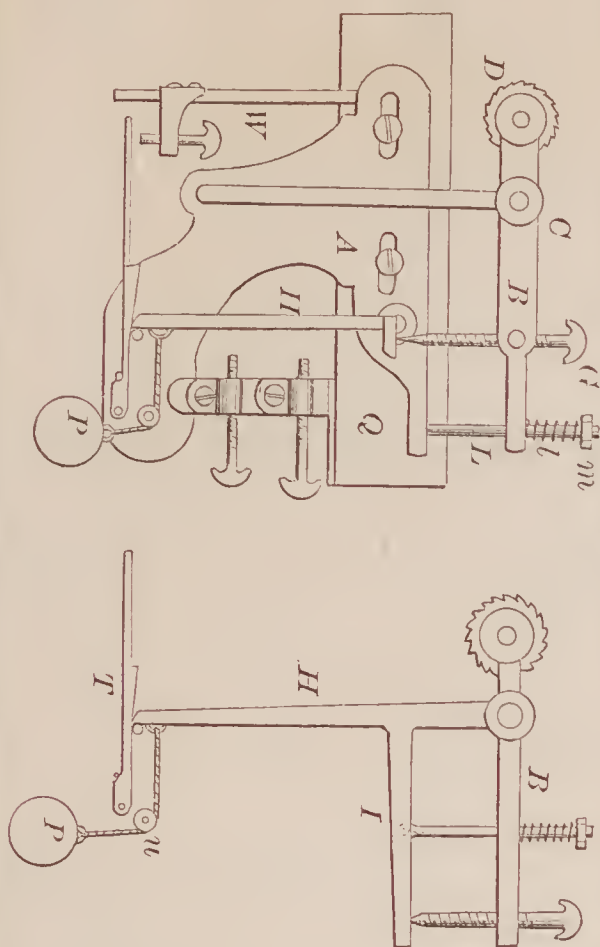
69280—C. P. S. Wardwell—*For Making Needles.*



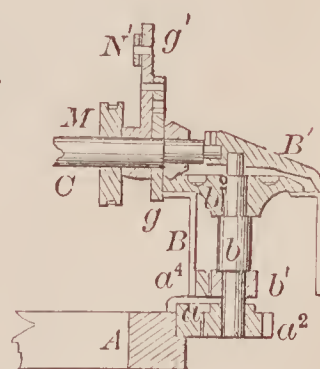
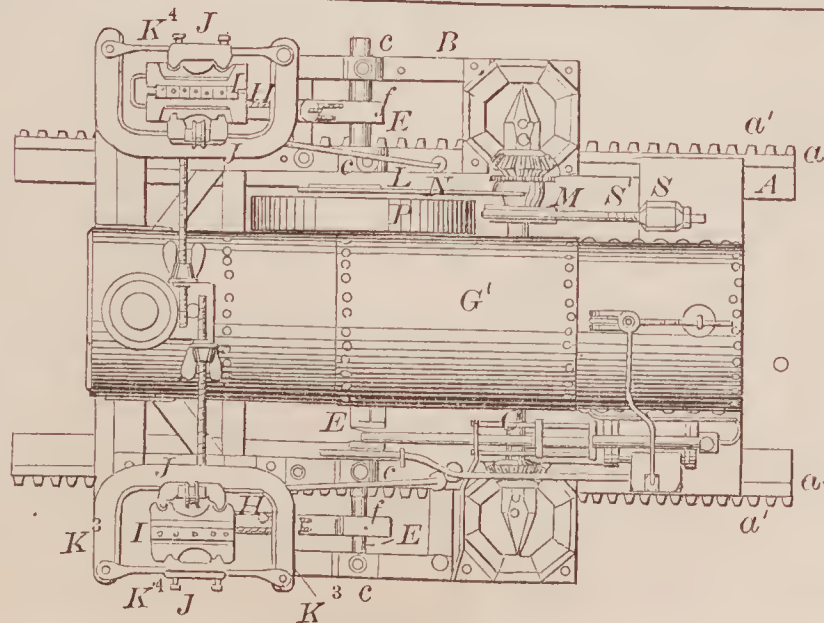
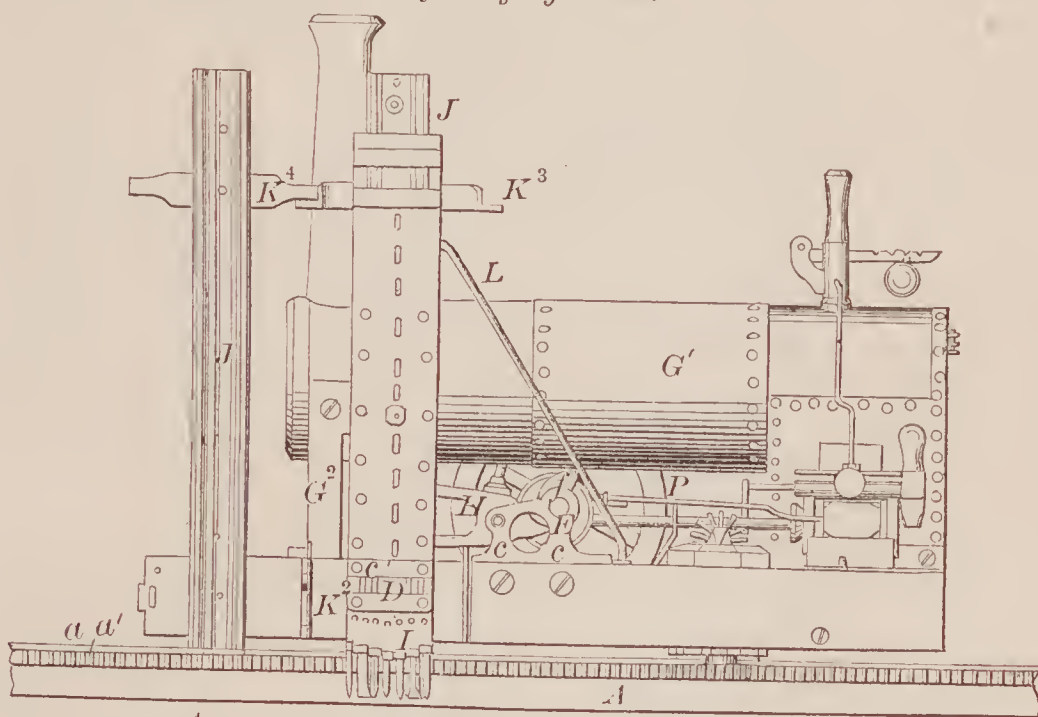
69282—G. J. Wardwell—For Quarrying Stone.



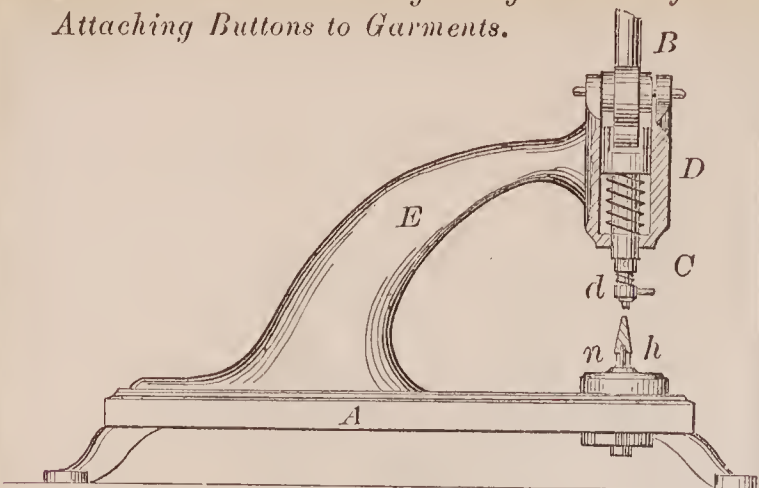
69281—C. P. S. Wardwell—For Making Needles.



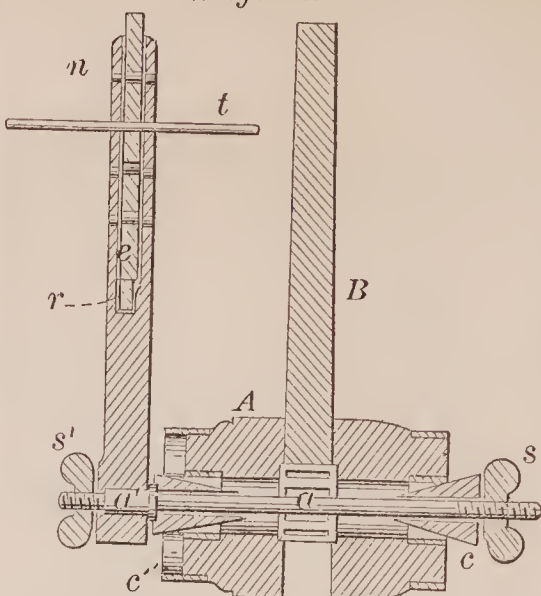
69283—G. J. Wardwell—For Quarrying Stone.



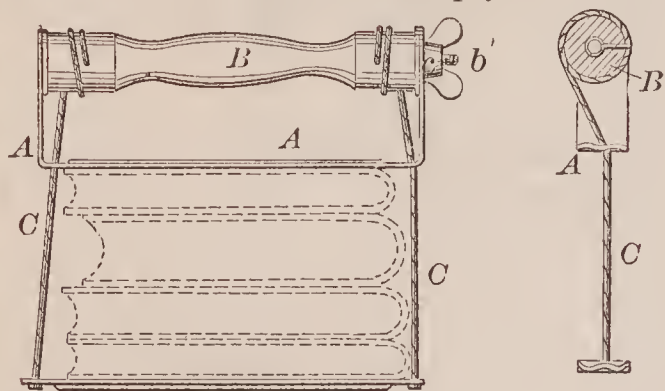
69284—E. J. Warner—*Eyeletting Machine for Attaching Buttons to Garments.*



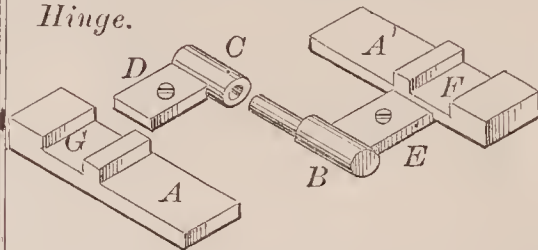
69286—F. J. Weber—*For Making Wagon Wheels.*



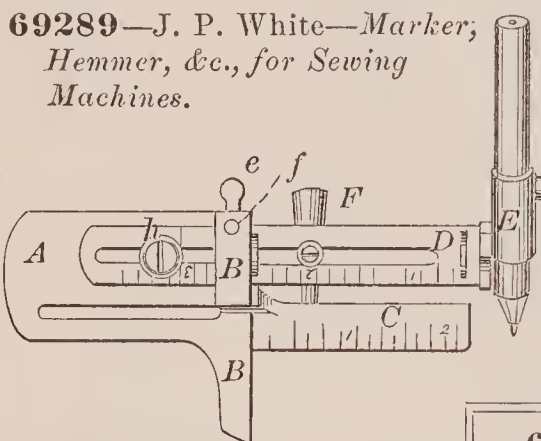
69285—W. C. Watson—*Clamp for School Books.*



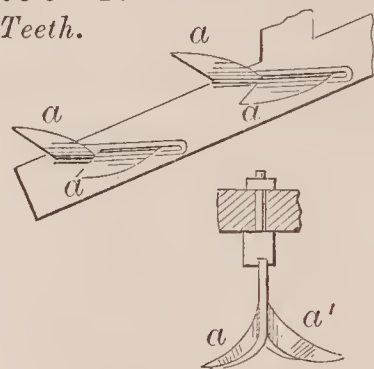
69287—W. S. Weed—*Reversible Butt Hinge.*



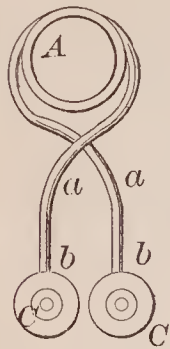
69289—J. P. White—*Marker, Hemmer, &c., for Sewing Machines.*



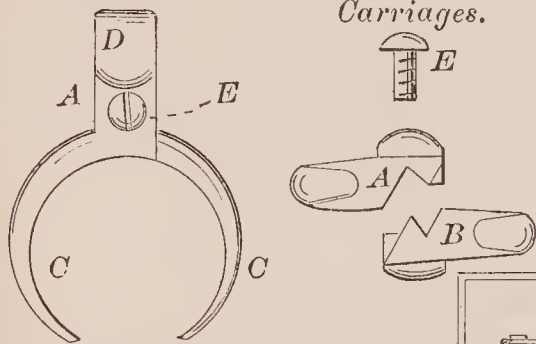
69290—F. R. Willson—*Harrow Teeth.*



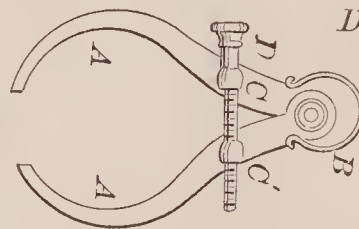
69288—Wells & Hawse—*Clothes Pin.*



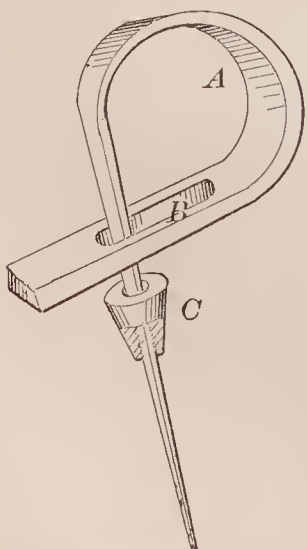
69291—F. Wood—*Securing Whip Soekets to Carriages.*



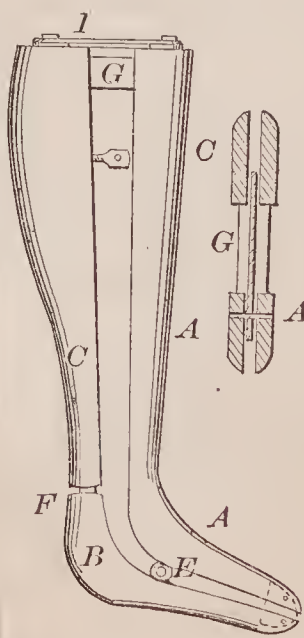
69292—E. Wright—*Calipers and Dividers.*



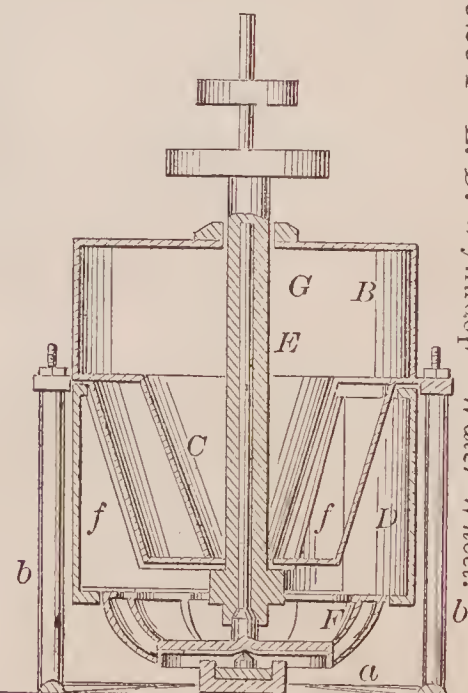
69295—Zeller & Lechner—*Bag Fastener.*



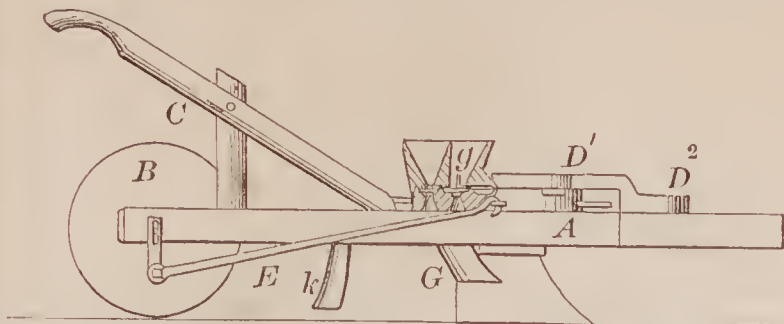
69293—S. J. Wright—*Stretchers for Hosiery.*



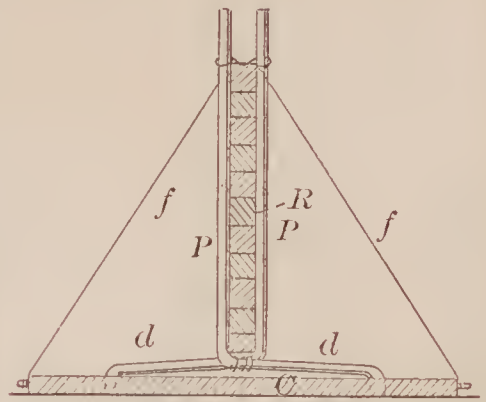
69294—L. D. Wynkoop—*Water Wheel.*



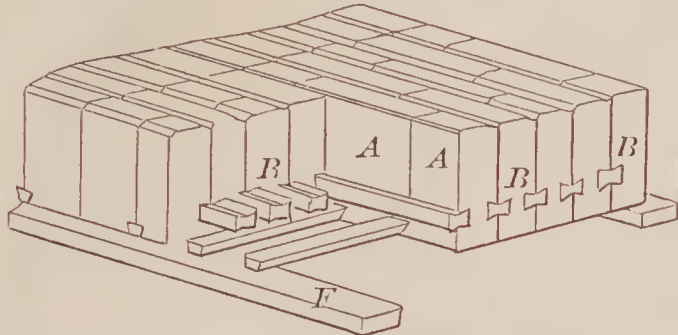
69296—E. L. Bergstresser—*Corn Planter.*



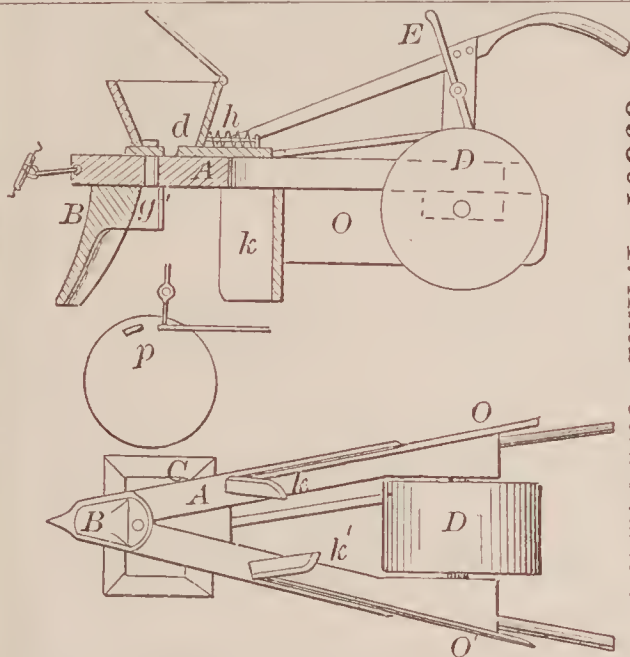
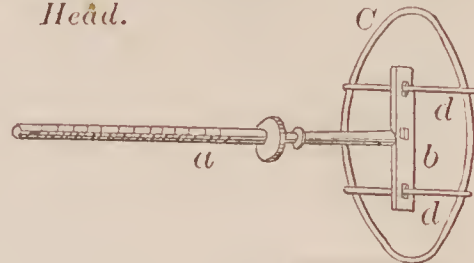
69299—G. W. Adams—*Fence.*



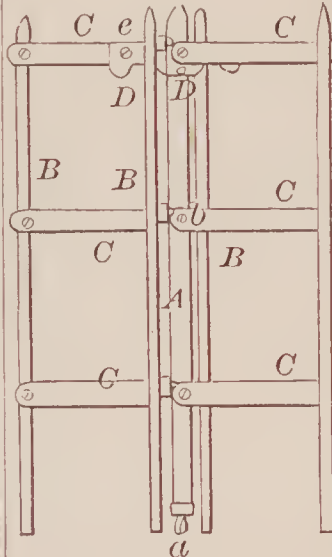
69297—C. W. Stafford—*Pavement.*



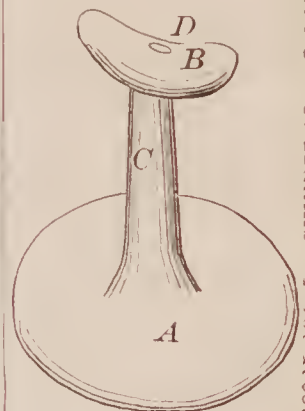
69300—Alexander & Kellogg—*Broom Head.*



69301—T. Allen—*Corn Planter.*

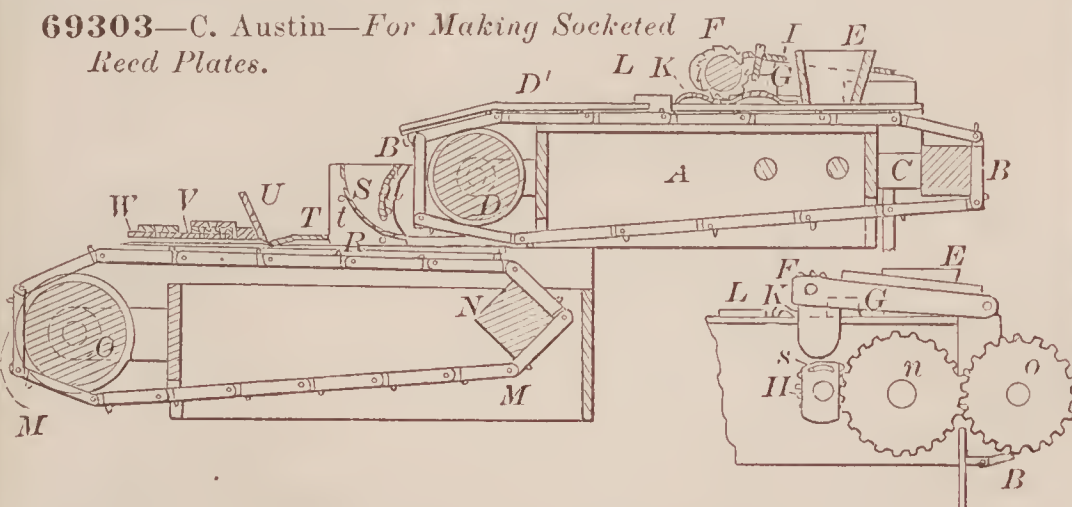


69302—J. B. Arnold—*Clothes Dryer.*

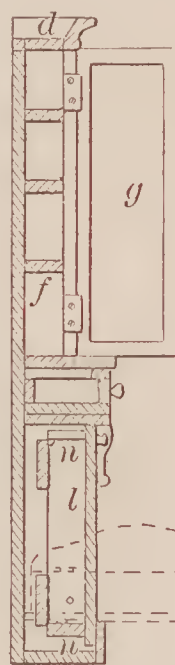


69298—C. Adams—*Foot Rest.*

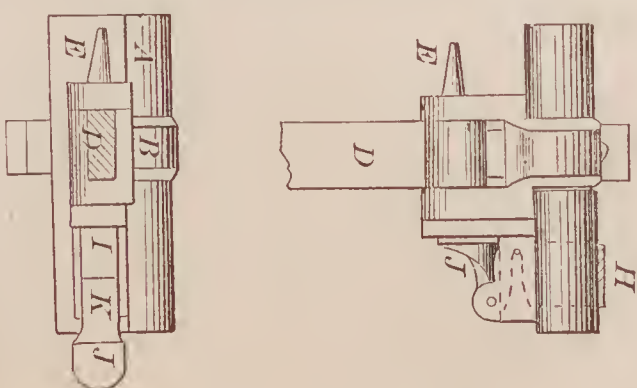
69303—C. Austin—*For Making Socketed Reed Plates.*



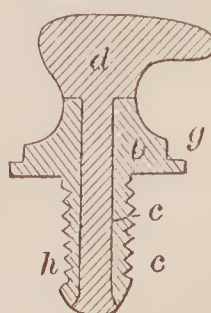
69304—W. R. Bagnall—*Wardrobe Bedstead.*



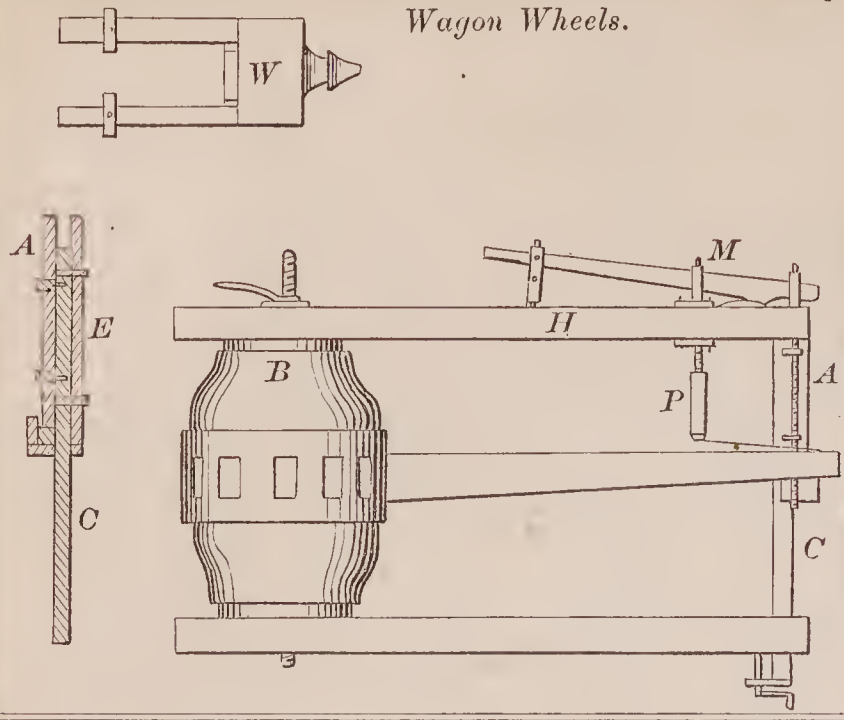
69305—J. P. Barriek—*Carriage Shaft Coupling.*



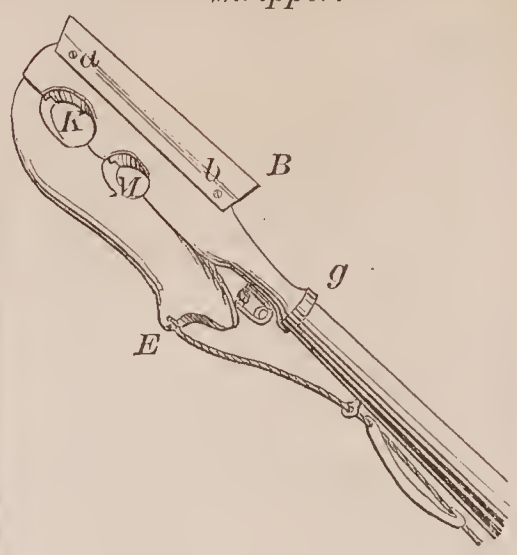
69306—W. P. Bateman—*Carriage Button.*



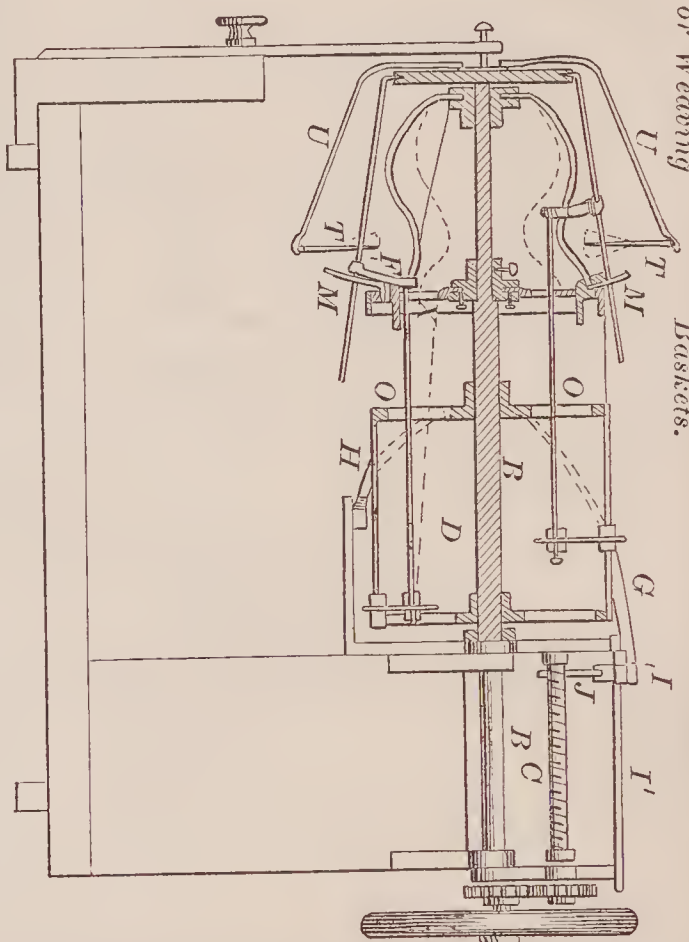
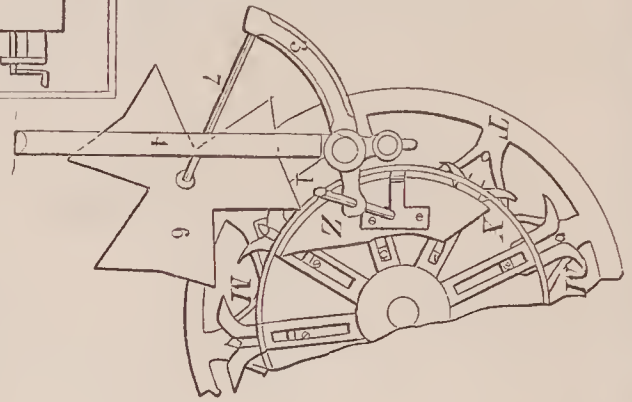
69307—Beswick, Richardson & Brown—*For Making Wagon Wheels.*



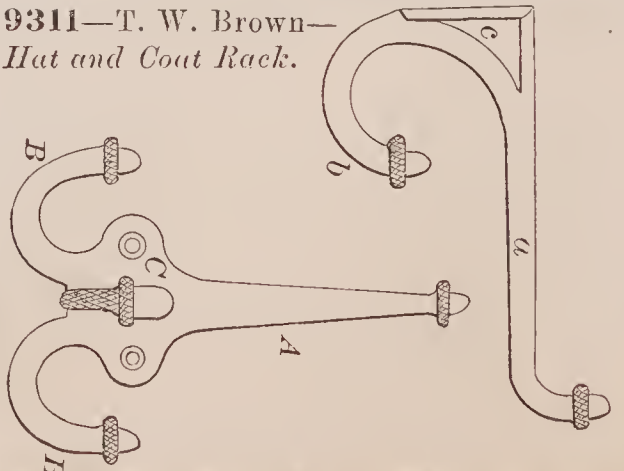
69310—J. C. Brown—*Cane Stripper.*



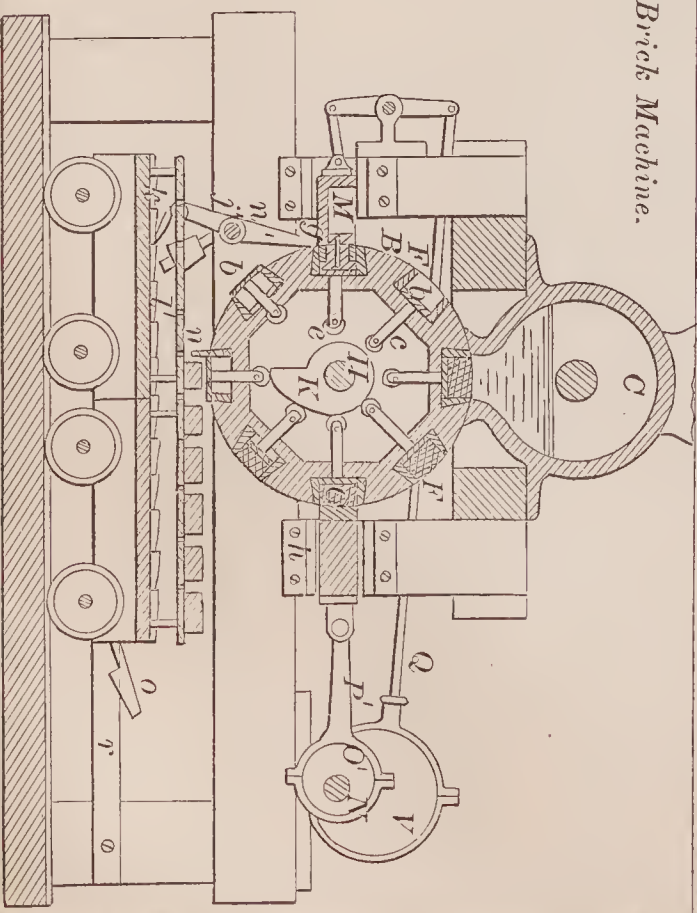
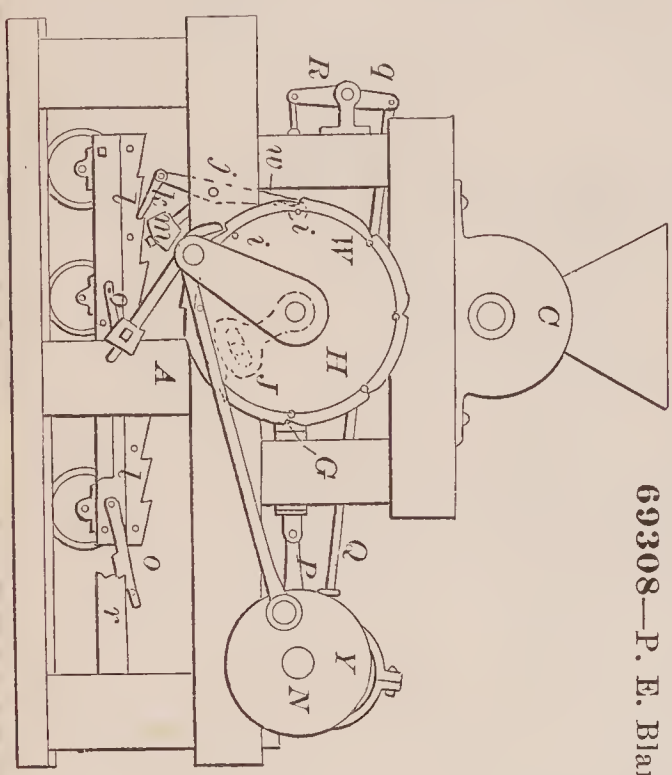
69309—F. H. Brown—*For Weaving Baskets.*



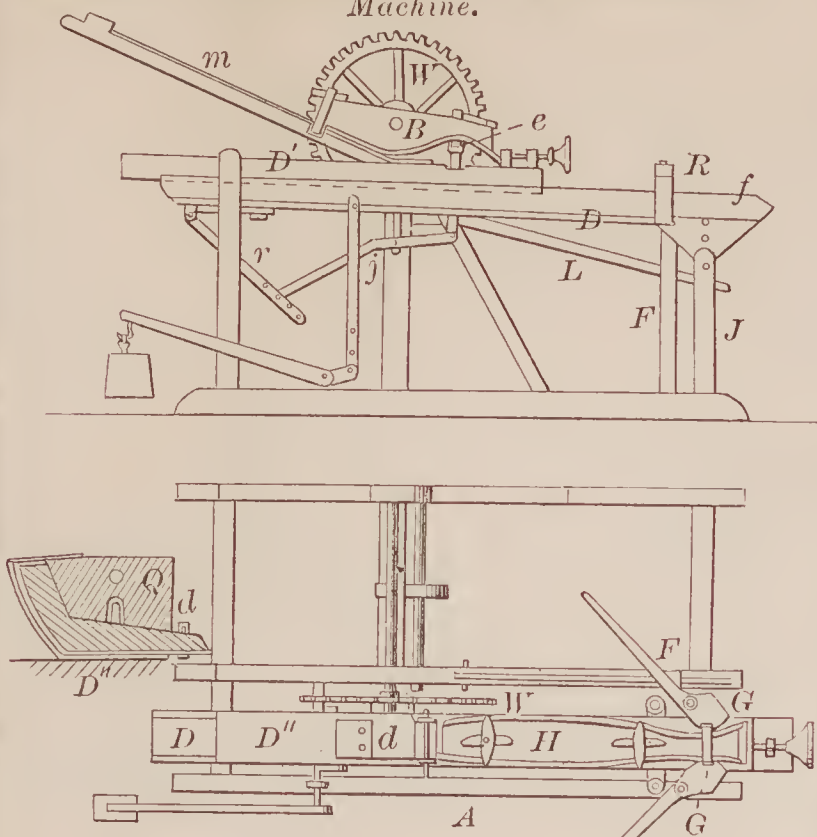
69311—T. W. Brown—*Hat and Coat Rack.*



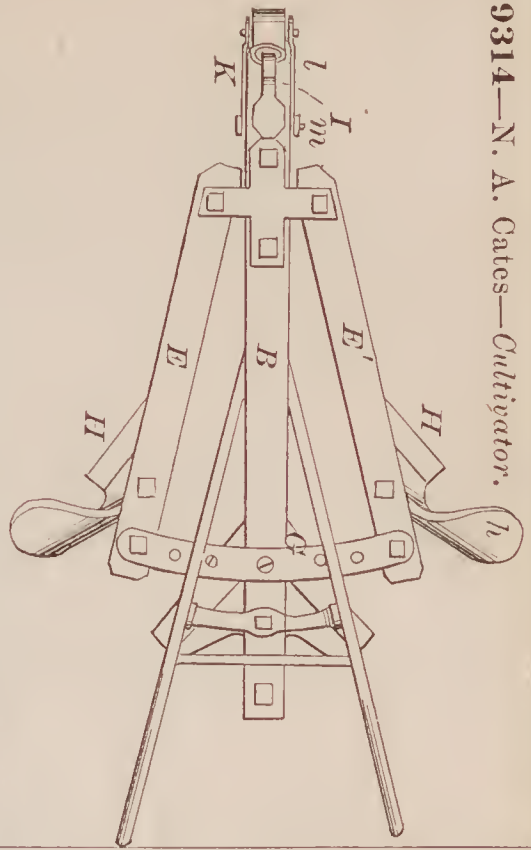
69308—P. E. Bland—*Brick Machine.*



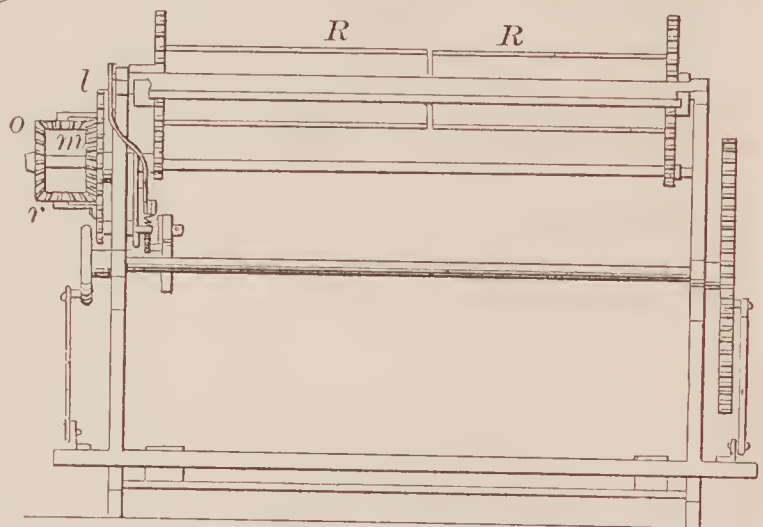
69313—Catchpole & Havens—*Wood Bending Machine.*



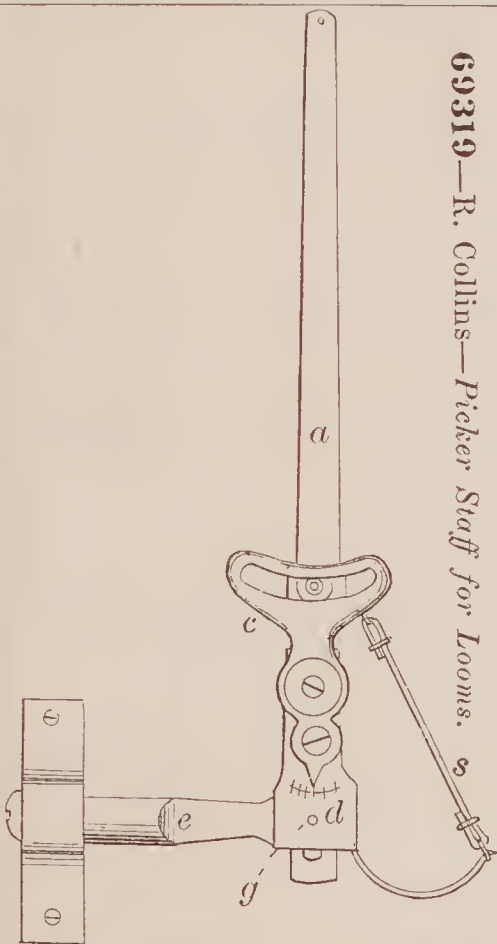
69314—N. A. Gates—*Cultivator.*



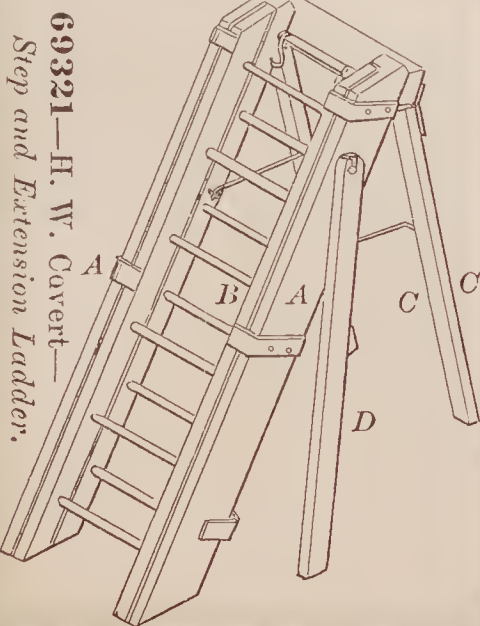
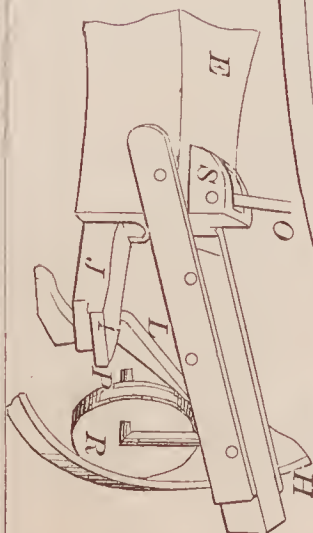
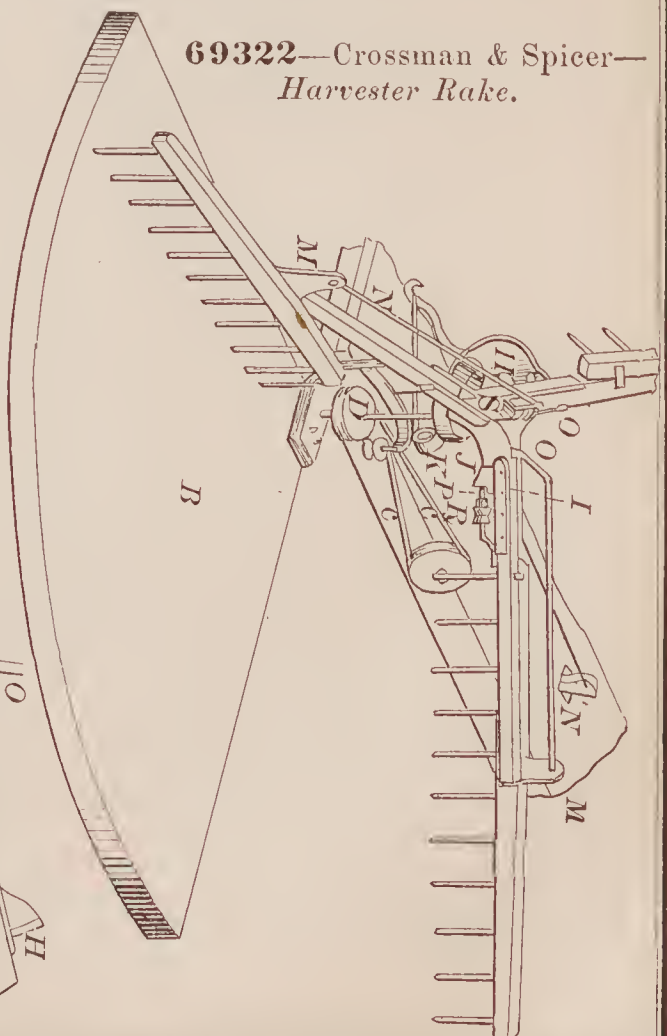
69320—Cottrell & Draper—*Loom.*



69319—R. Collins—*Picker Staff for Looms.*

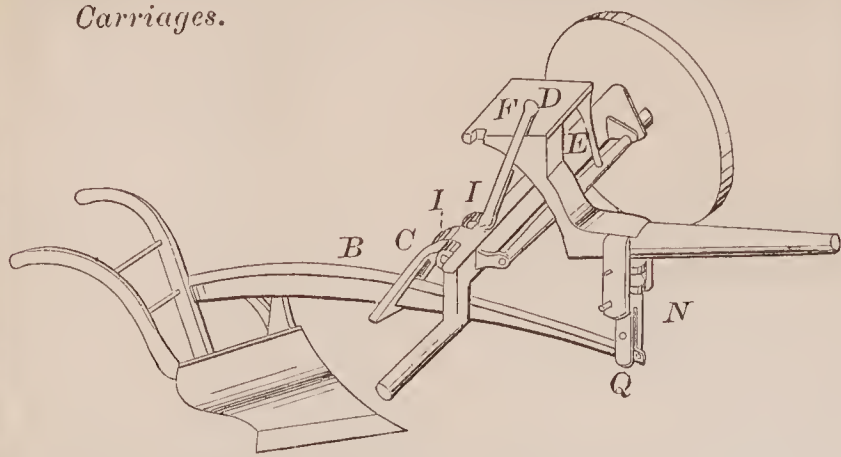


69322—Crossman & Spicer—*Harvester Rake.*

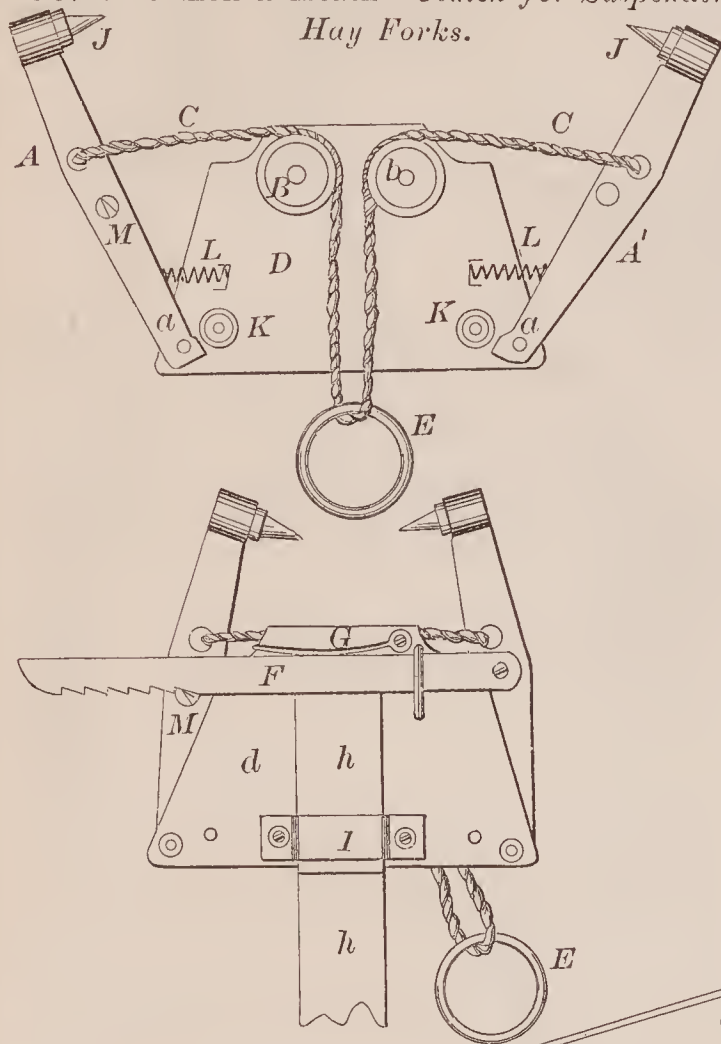


69321—H. W. Covert—*Step and Extension Ladder.*

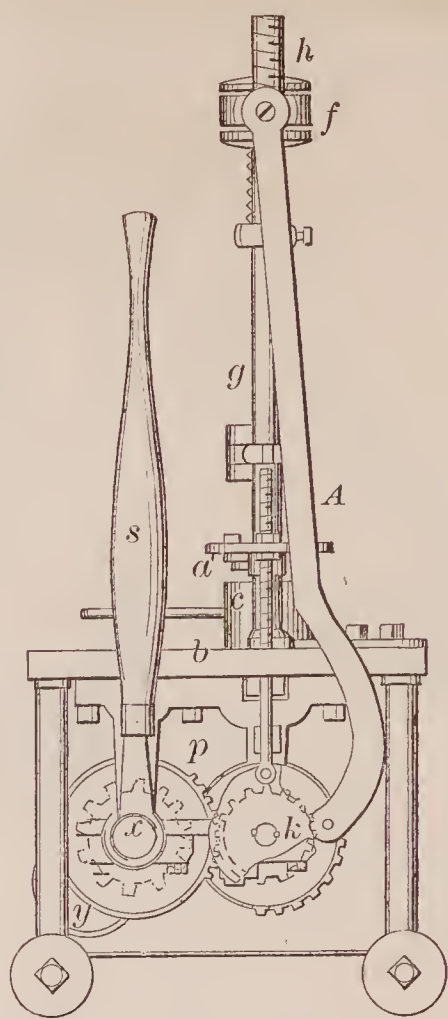
69323—M. S. Curtiss—Coupling Plows to Wheeled Carriages.



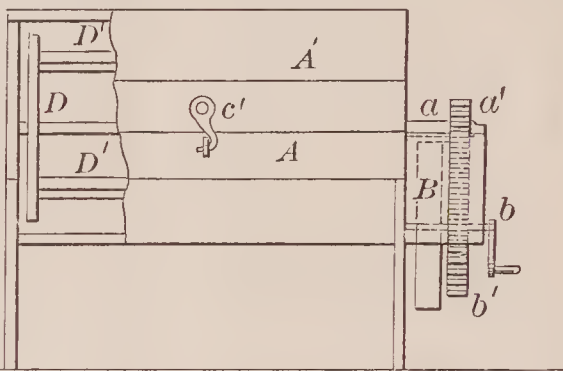
69326—Dixon & Heath—Clutch for Suspending Hay Forks.



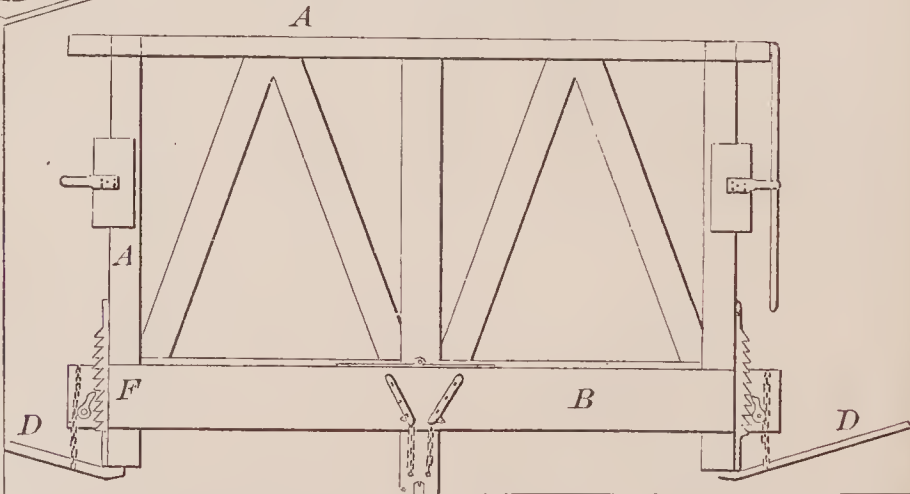
69325—H. Dillaway—Glassware Press.



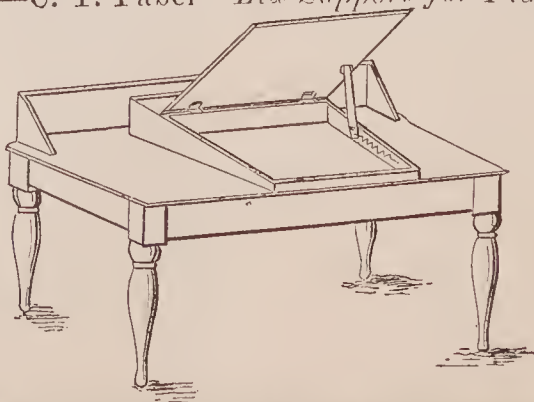
69324—W. Davis—Churn.



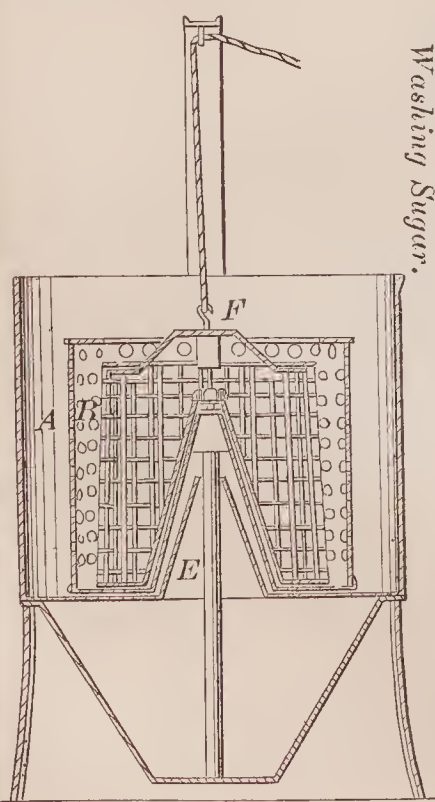
69327—W. Dunn—For Stretching Hides.



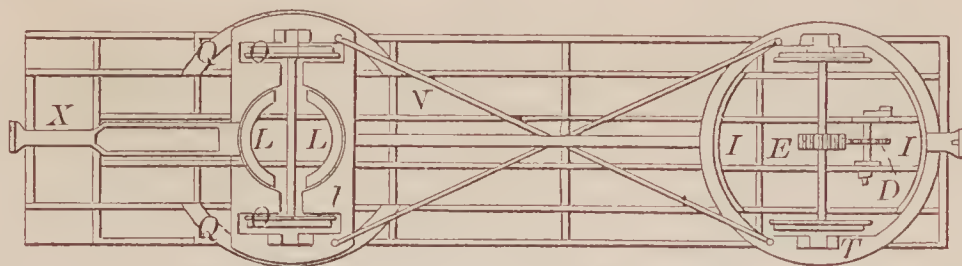
69329—C. T. Faber—Lid Support for Pianos, Desks, &c.



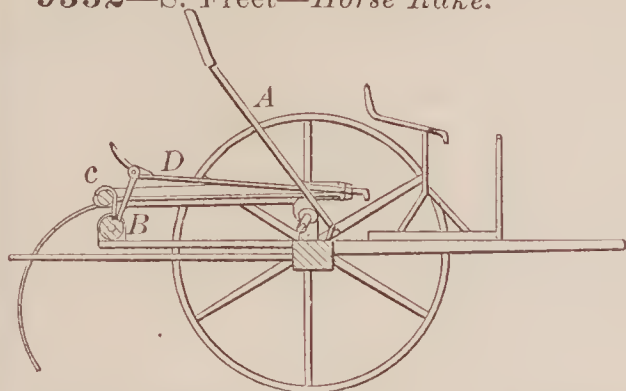
69328—G. E. Evans—Centrifugal Apparatus for Washing Sugar.



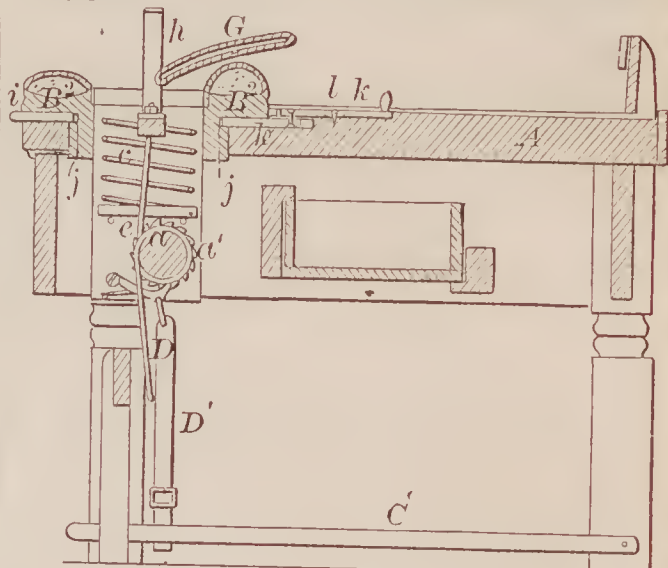
69330—H. B. Fernald—*Railway Truck.*



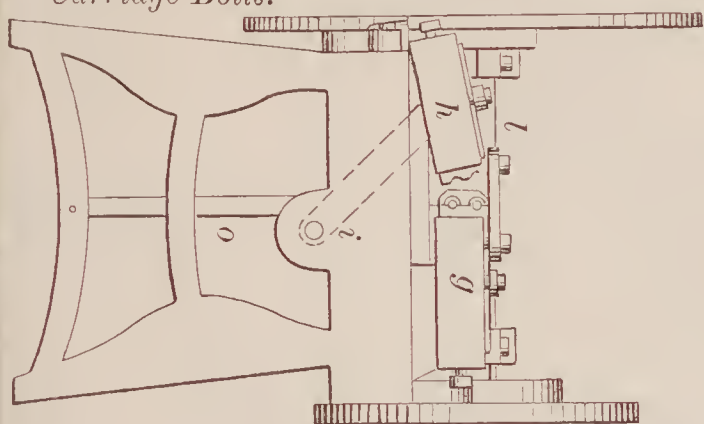
9332—S. Freet—*Horse Rake.*



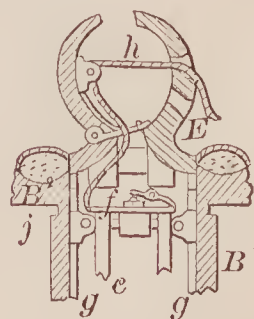
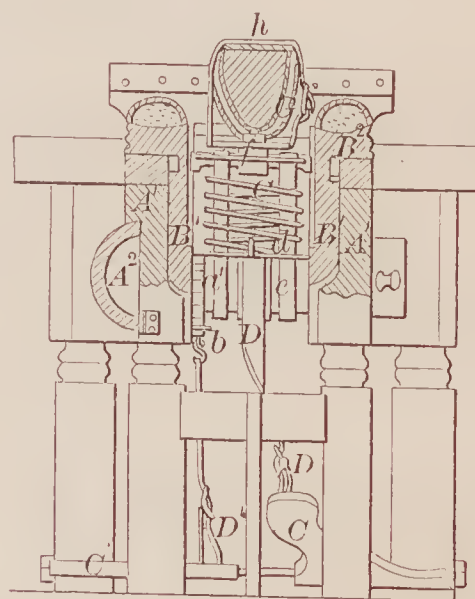
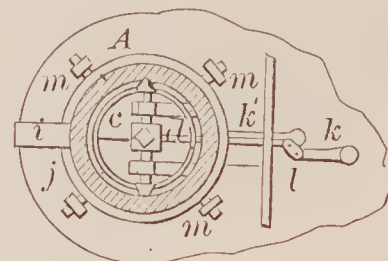
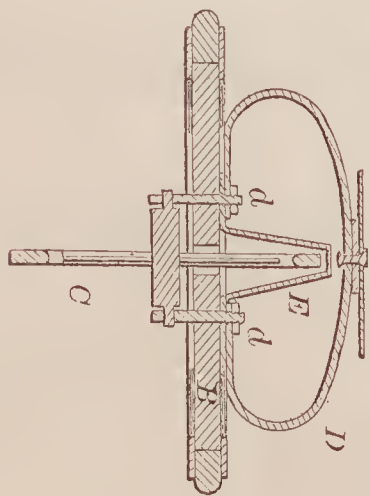
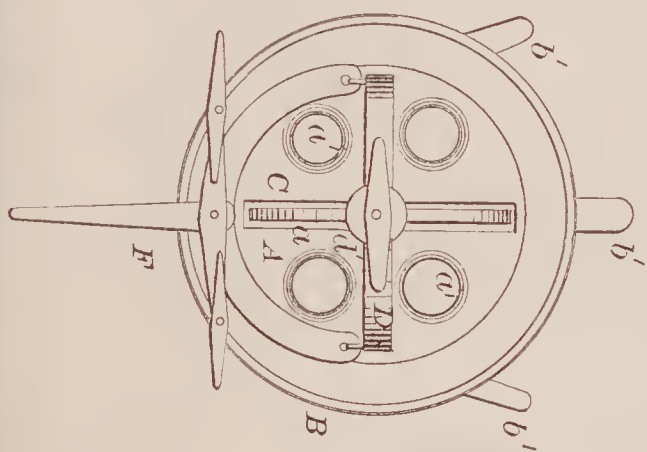
69334—B. Gantner—*Shoemakers' Bench.*

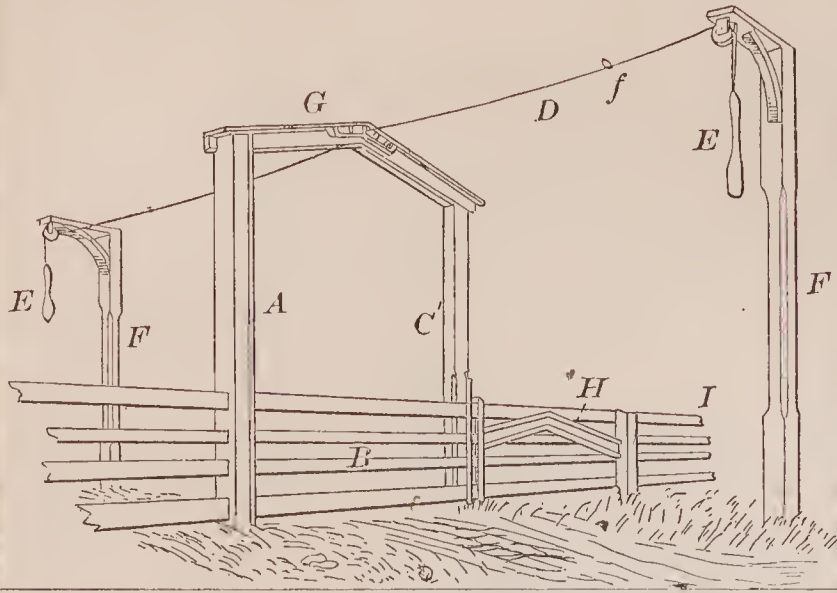
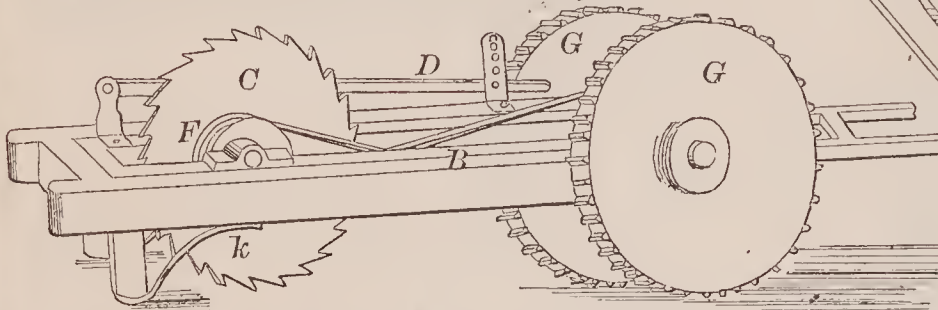
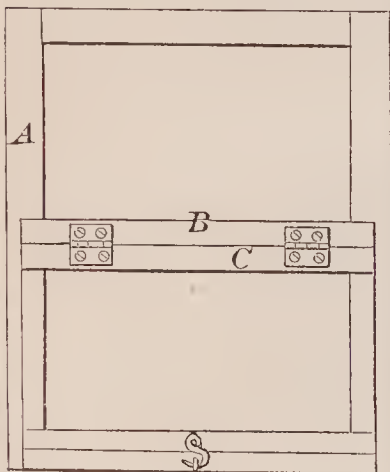
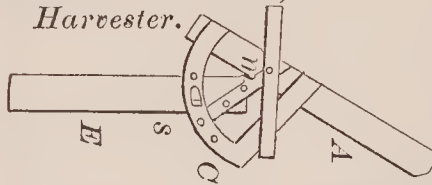
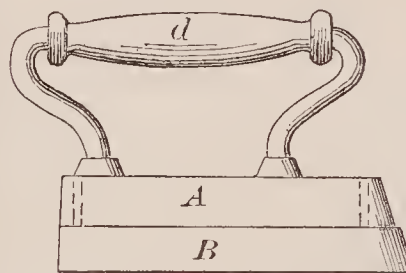
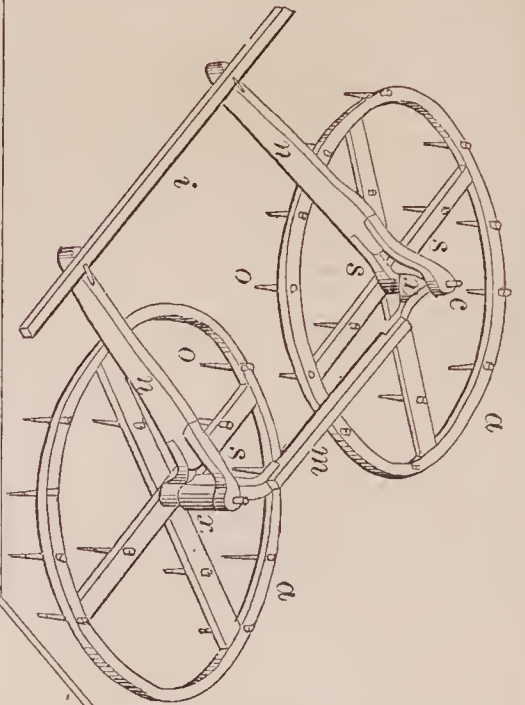
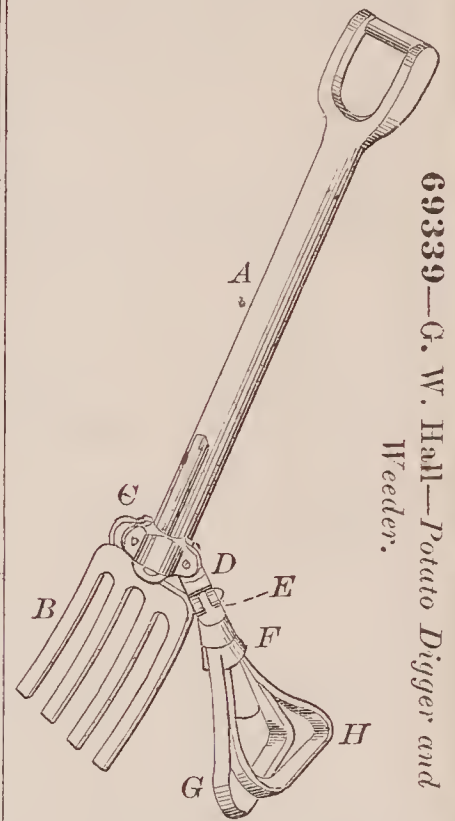
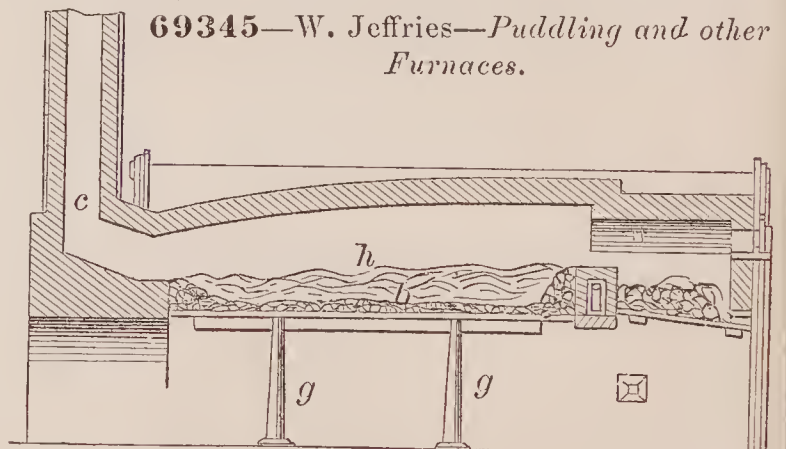
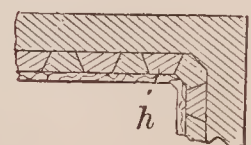
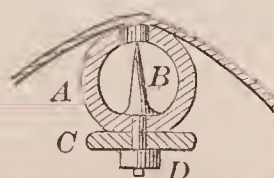
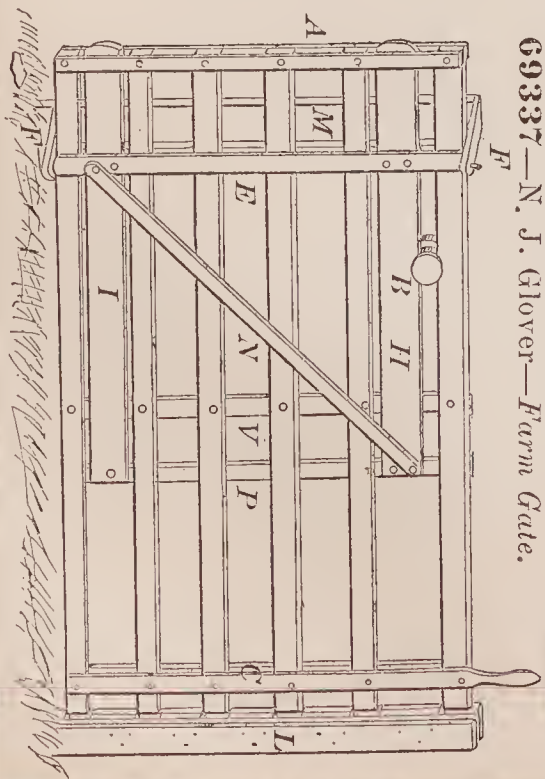


69333—Frisbie & Upson—*For Making Carriage Bolts.*

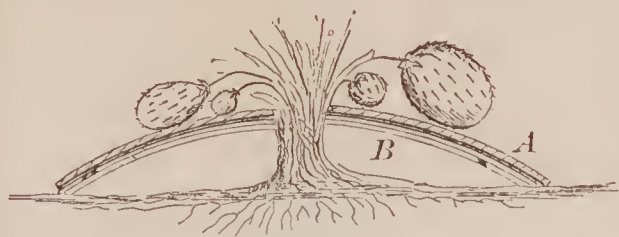


69335—J. Gehr—*Three Wheel Carriage.*

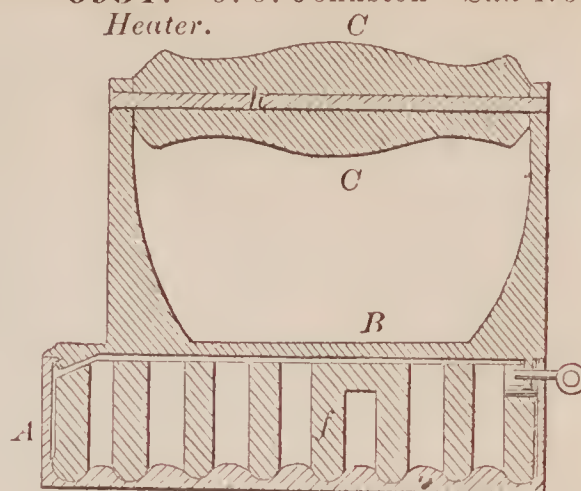


69336—R. J. Gilbert—*Gate.*69338—G. B. Gruman—*For Cutting Ice.*69343—A. E. Horton—*Mosquito Frame for Windows.*69342—A. Hiltz, Jr.—*Harvester.*69344—A. Y. Hubbell—*Sad Iron.*69340—G. W. Hall—*Double Rotary Harrow.*69339—G. W. Hall—*Potato Digger and Weeder.*69345—W. Jeffries—*Puddling and other Furnaces.*69341—G. G. Hickman—*For Preventing Horses from Cribbing.*69337—N. J. Glover—*Farm Gate.*

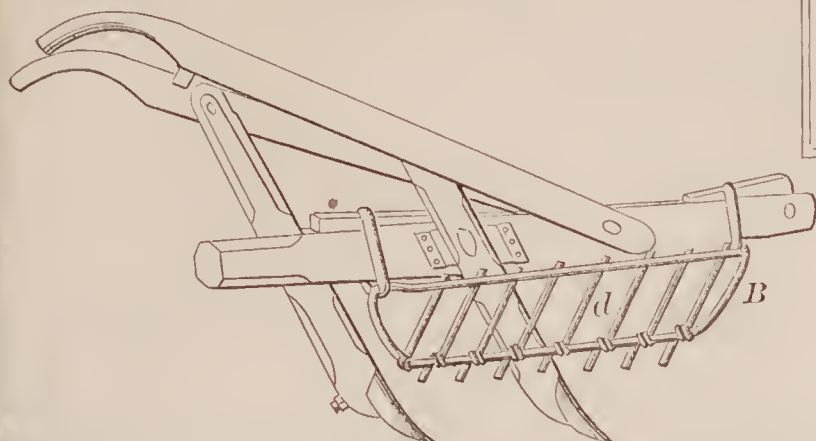
69346—C. Jillson—*Strawberry Ripener*



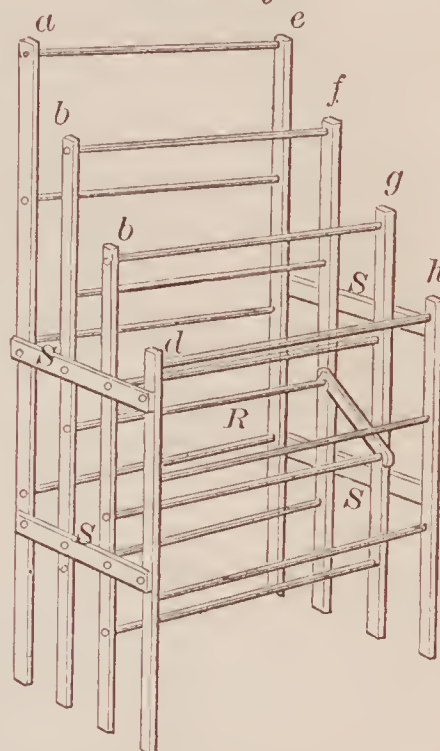
69347—J. J. Johnston—*Sad Iron Heater*.



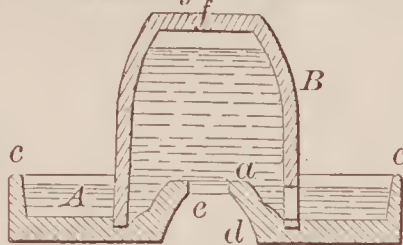
69352—J. Lowe—*Clod Fender*.



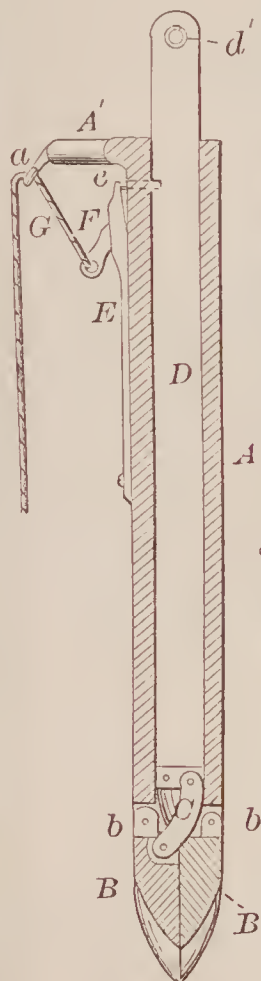
69349—King & Mason—*Clothes Dryer*.



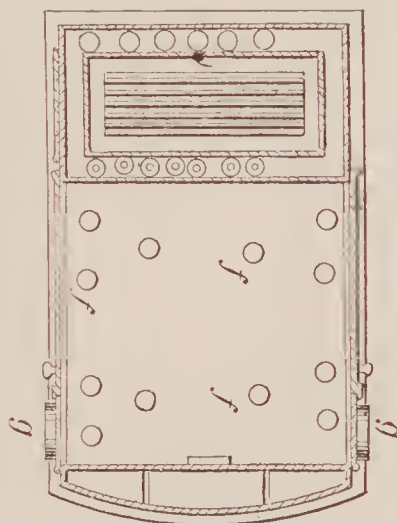
69351—G. H. Lomax—*Poultry Drinking Fountain*.



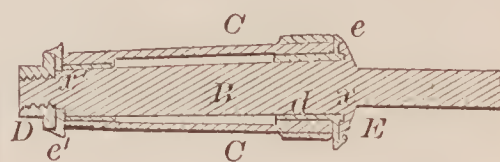
69353—J. M. Mansfield—*Horse Hay Fork*.



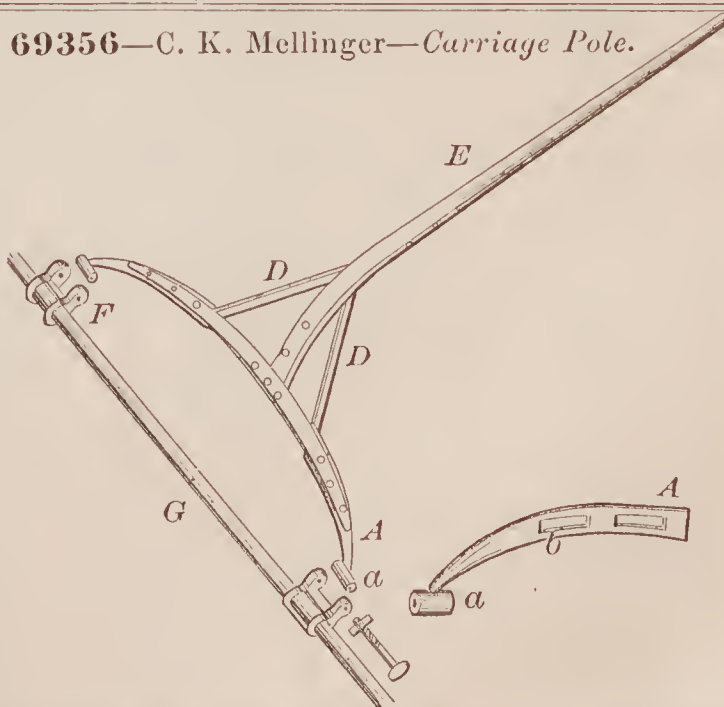
69355—M. Mead—*Cooking Stove*.



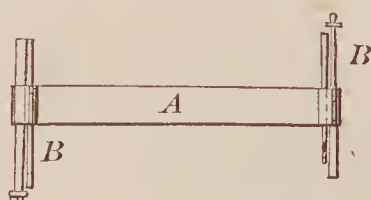
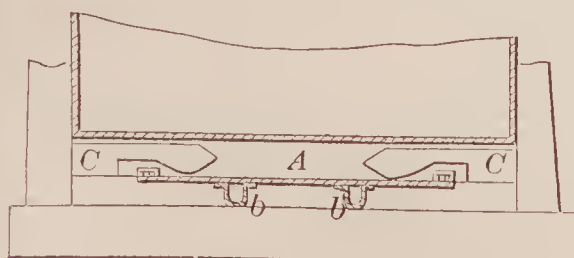
69350—S. D. Littlefield—*Axle*.

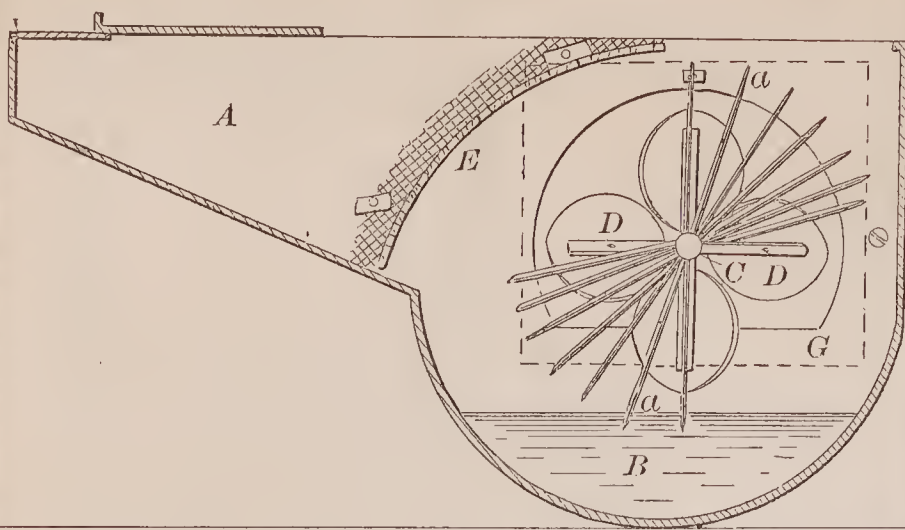
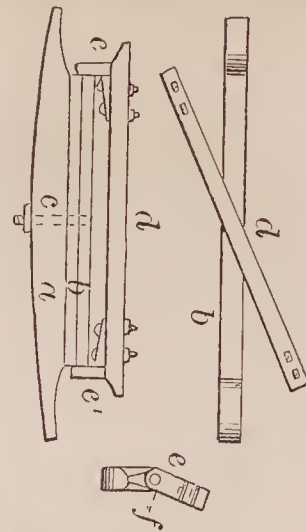
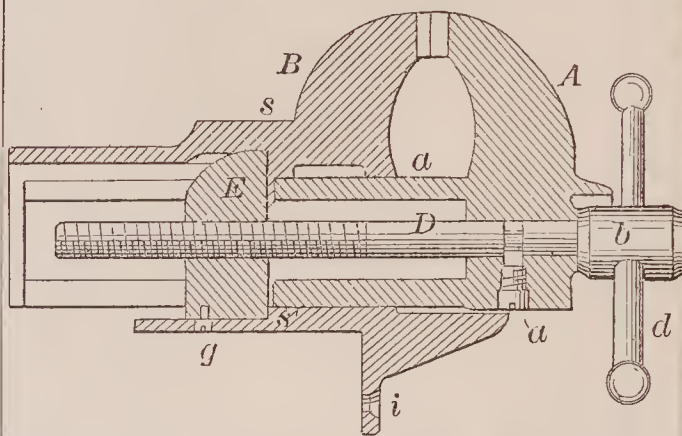
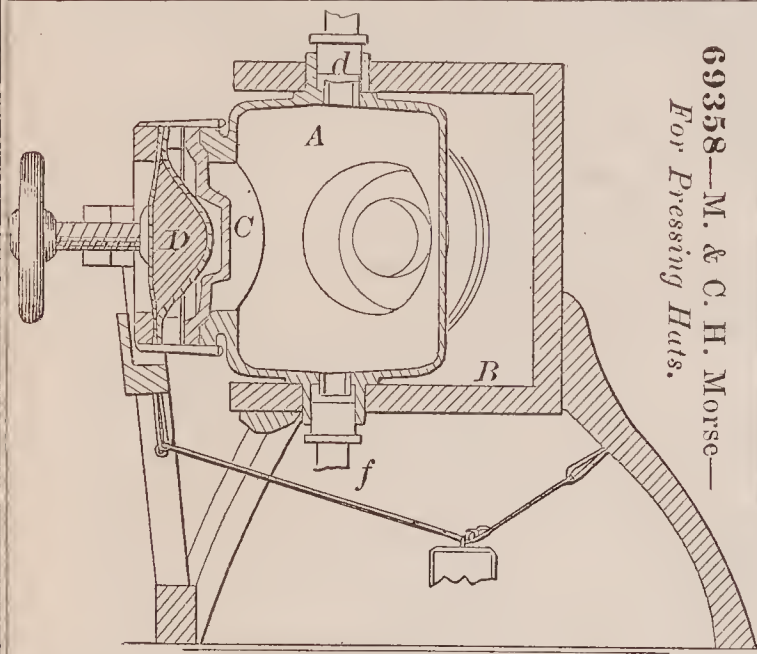
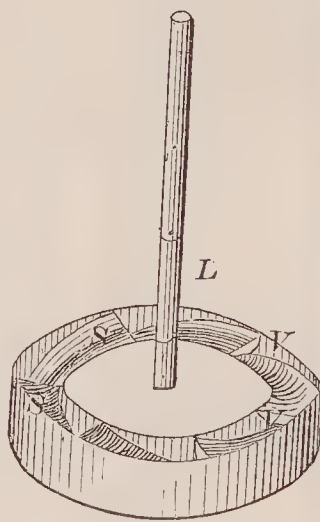
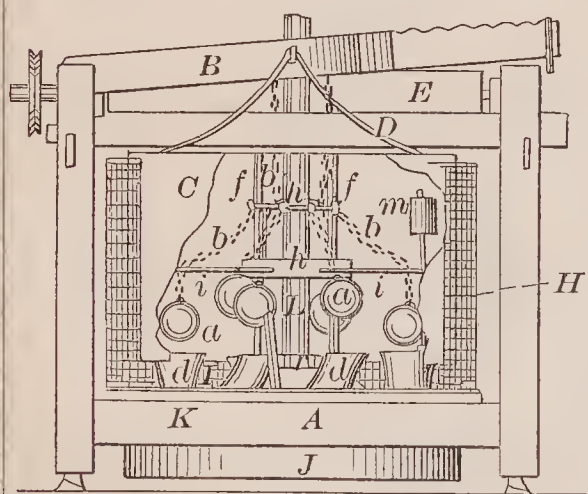
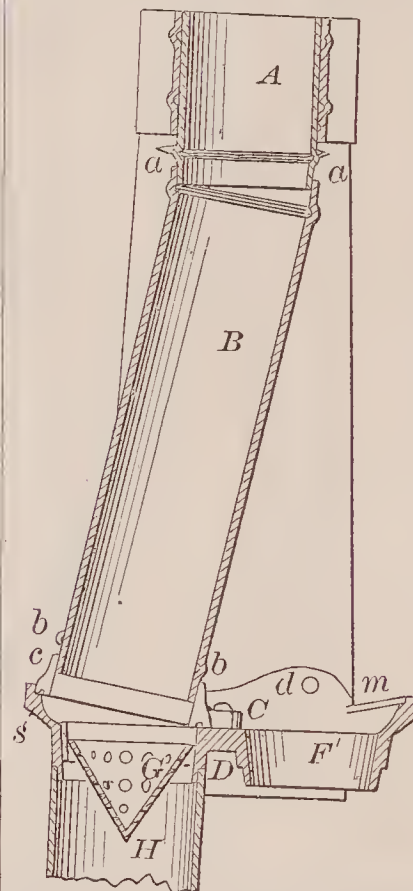
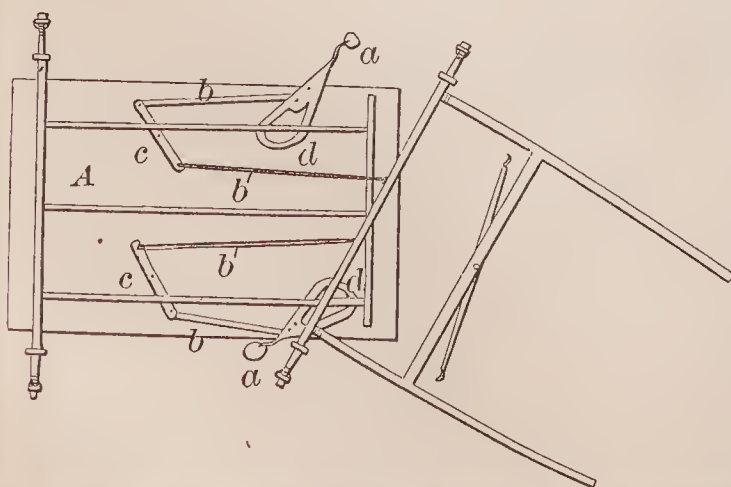
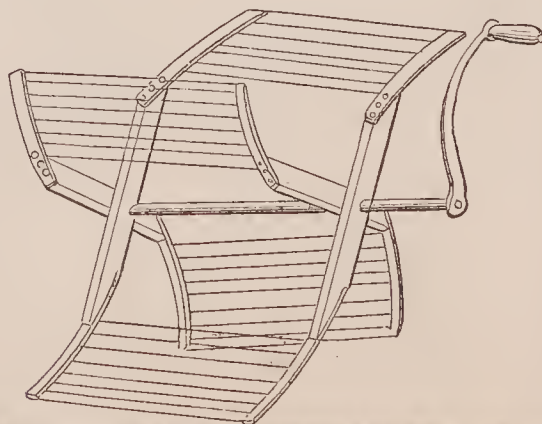


69356—C. K. Mellinger—*Carriage Pole*.

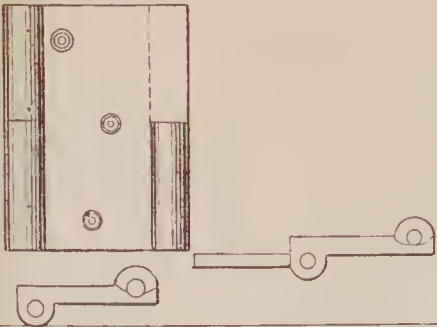


69354—J. McDuffie—*Wagon Spring*.

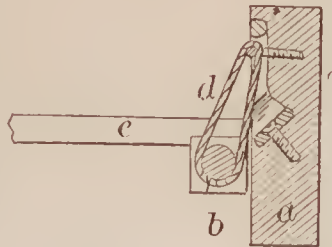


69357—J. H. Moore—*Railroad Car Ventilator.*69362—W. Nevins—*Arle.*69361—J. H. Murray—*Vise.*69358—M. & C. H. Morse—
For Pressing Hats.69360—J. Mumma—*Water Wheel.*69359—H. W. Mosher—*Cut-off for Water Spouts.*69364—Parker & Vogler—*Carriage Step.*69363—M. A. Ober—*Churn Dasher.*

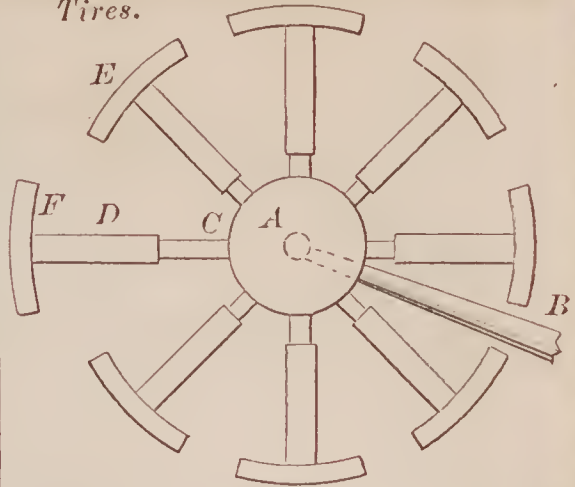
69365—M. Perry—*Loose Joint Butt Hinge.*



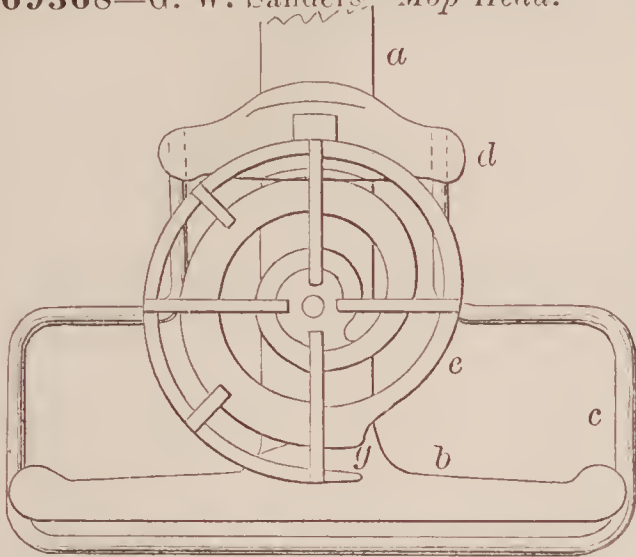
69366—T. Raser—*Bed Bottom.*



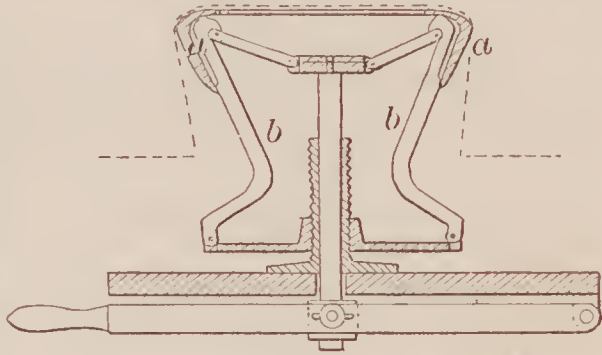
69367—C. H. Reno—*For Heating Tires.*



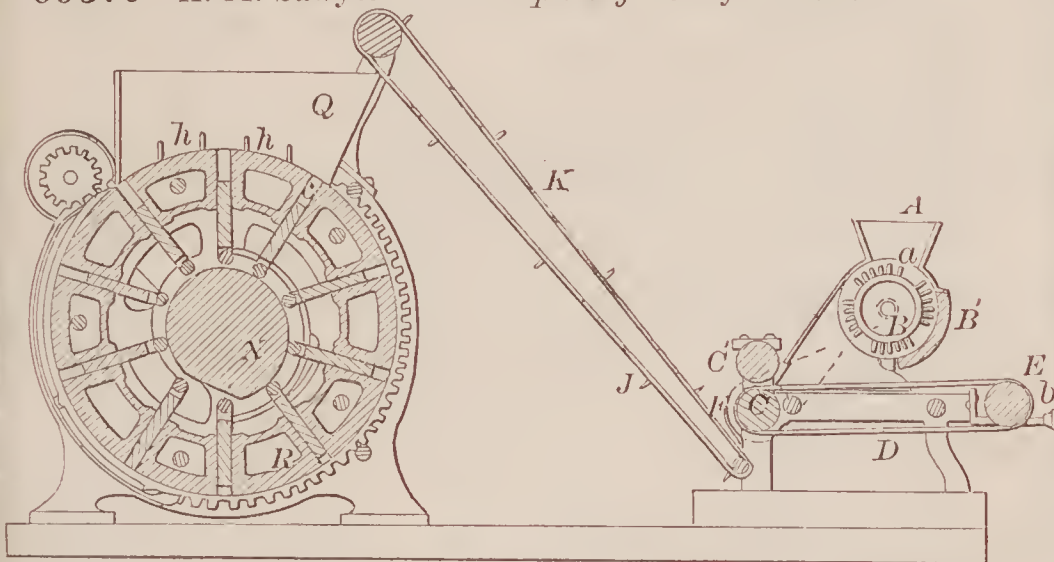
69368—G. W. Sanders—*Mop Head.*



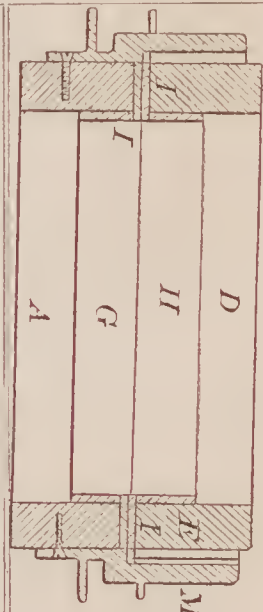
69371—J. Sheldon—*Hat Blocking Machine.*



69370—A. M. Sawyer—*For Preparing Peat for Fuel.*



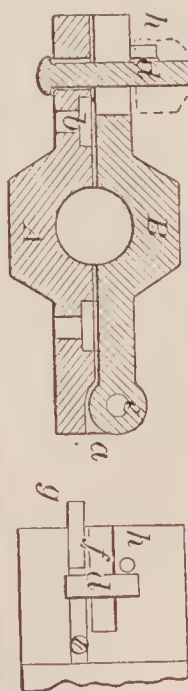
69372—G. P. Sisson—*Flask for Casting*



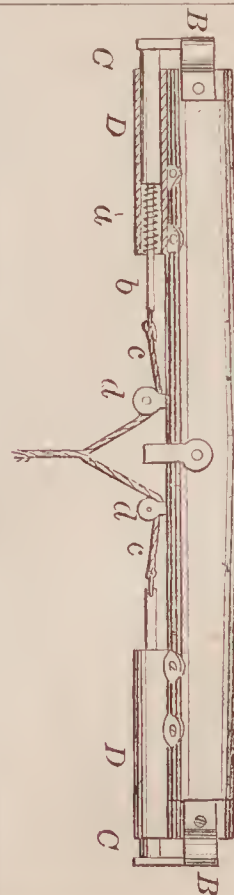
69374—J. S. Thornton—*Windmill.*

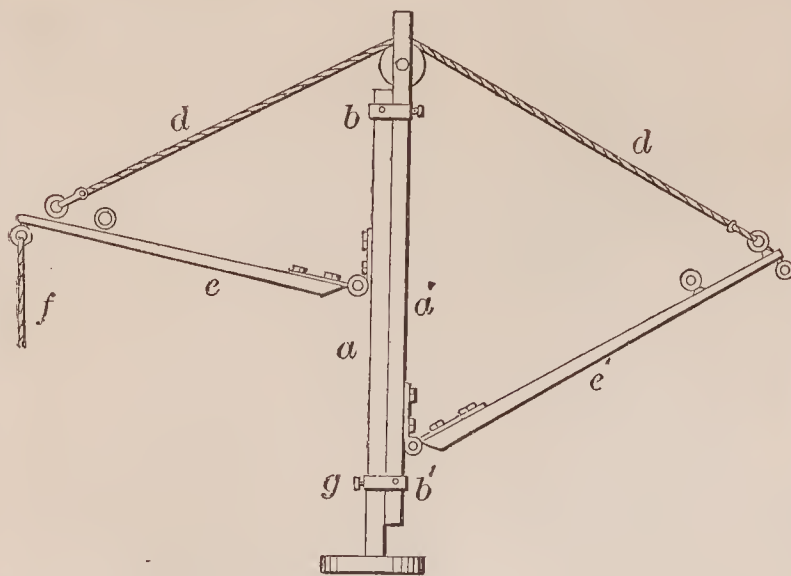
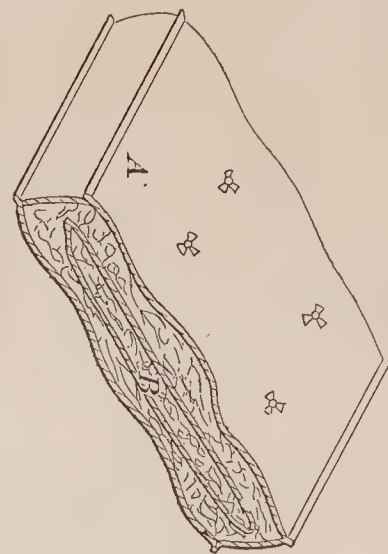
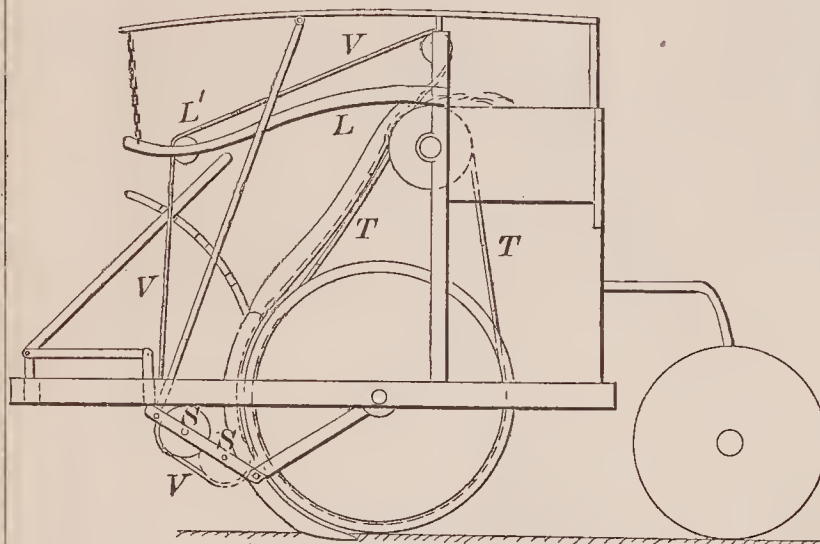
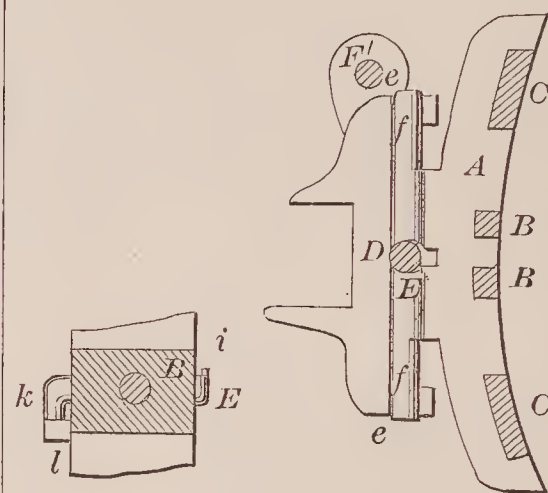
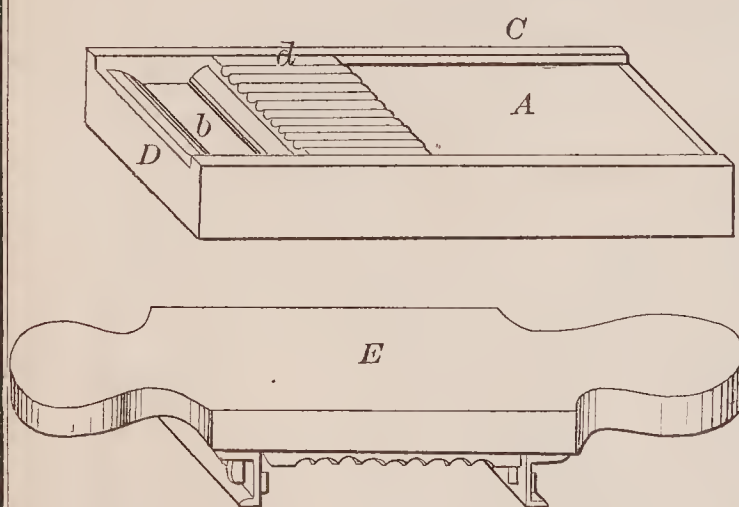
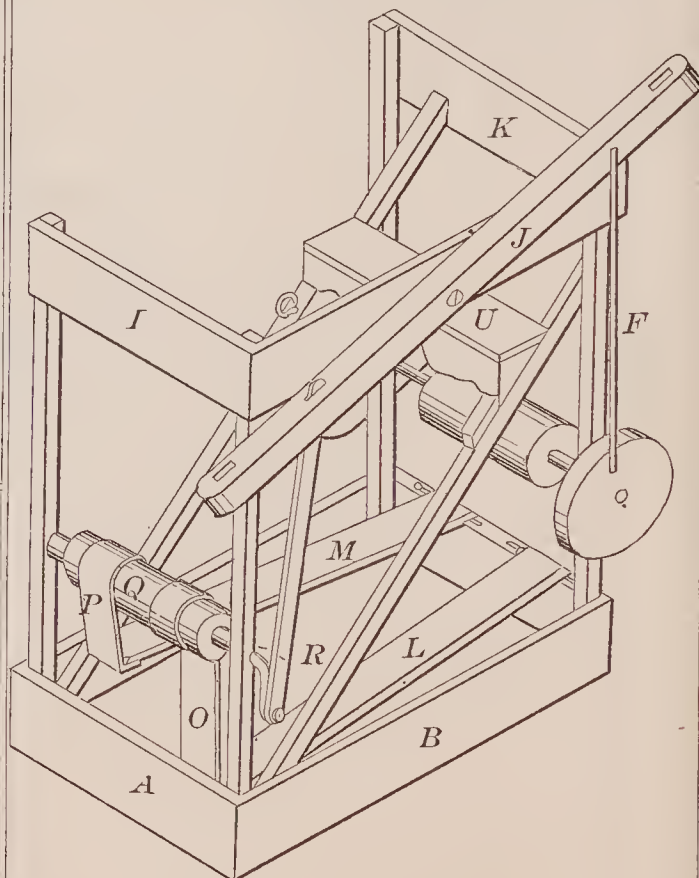
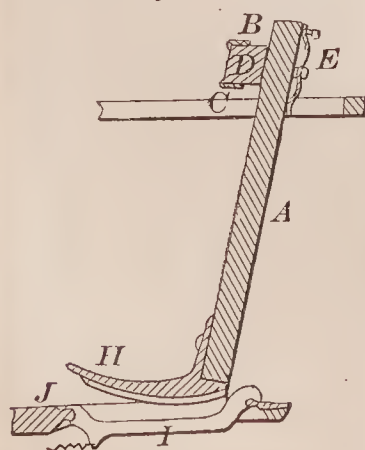
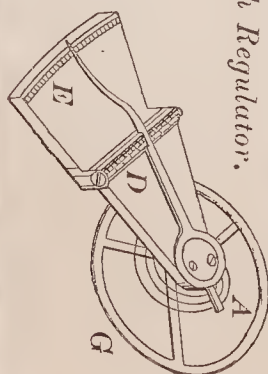


69373—Taylor & Fowler—*Journal Box.*

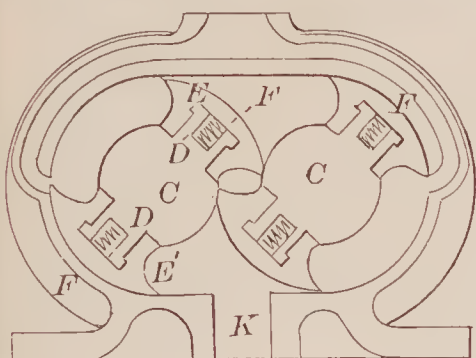
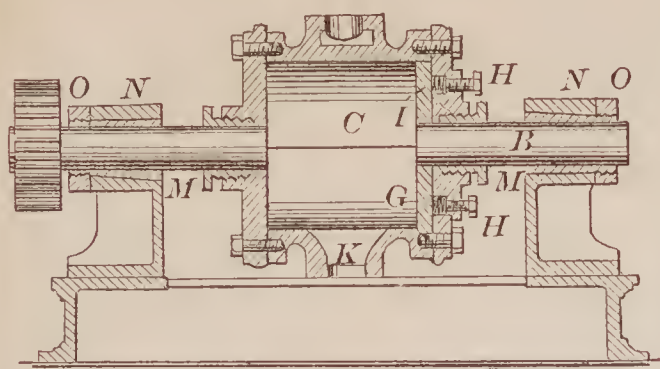


69369—H. & J. M. Saunders—*Hitching Device for Whiffletrees.*

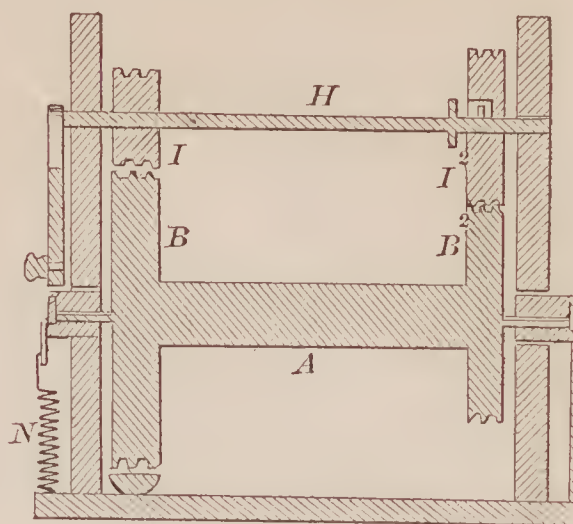


69375—I. V. Voorhis—*Hay Derrick.*69376—B. F. Walton—*Mattress.*69378—E. H. & D. R. W. Williams—*Excavating Machine.*69377—I. P. Wendell—*Car Brake Shoe.*69379—A. H. Wirz—*Pill Machine.*69382—W. C. Abbott—*Treadle for Propelling Machinery.*69380—E. Wright—*Picker for Looms.*69381—H. L. & E. J. Zahn—*Watch Regulator.*

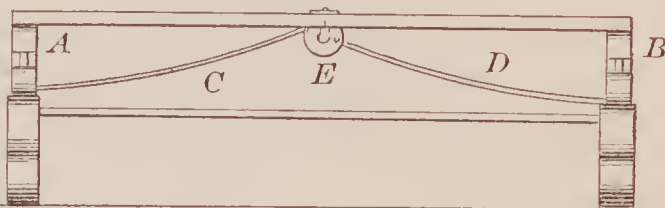
69383—M. L. Andrew—*Rotary Engine.*



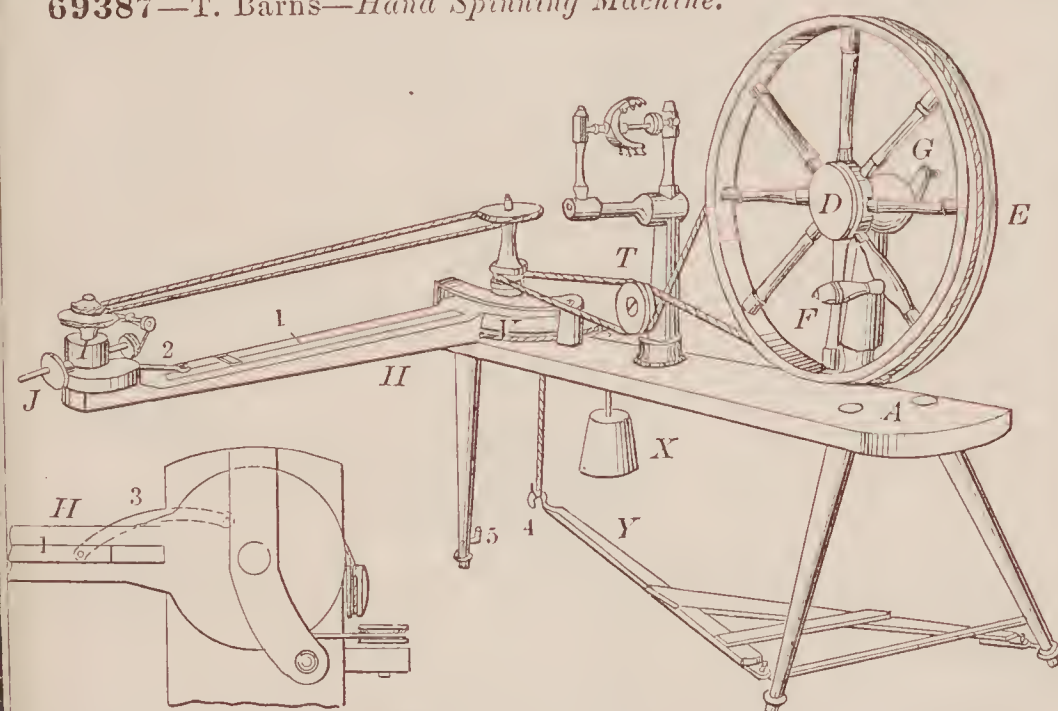
69384—W. D. Andrews—*Hoisting Apparatus.*



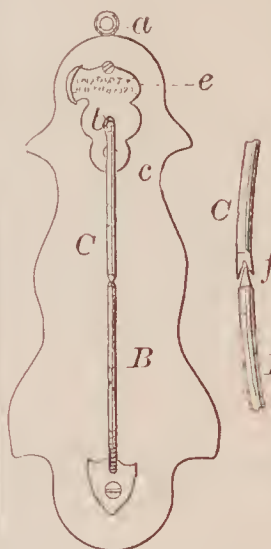
69386—M. Barker—*Elliptic Spring Brace.*



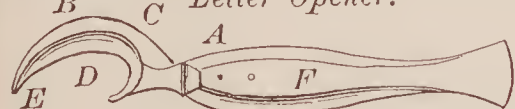
69387—T. Barns—*Hand Spinning Machine.*



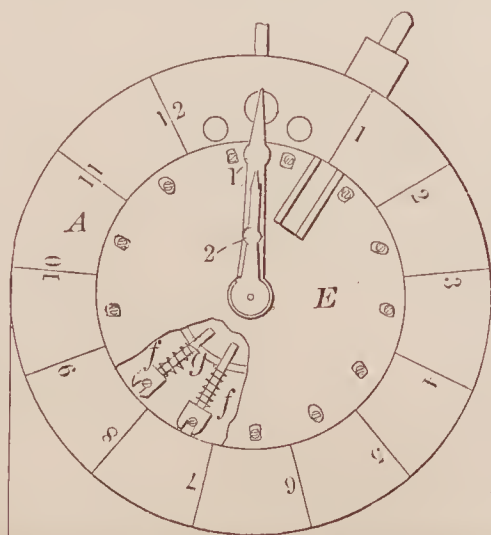
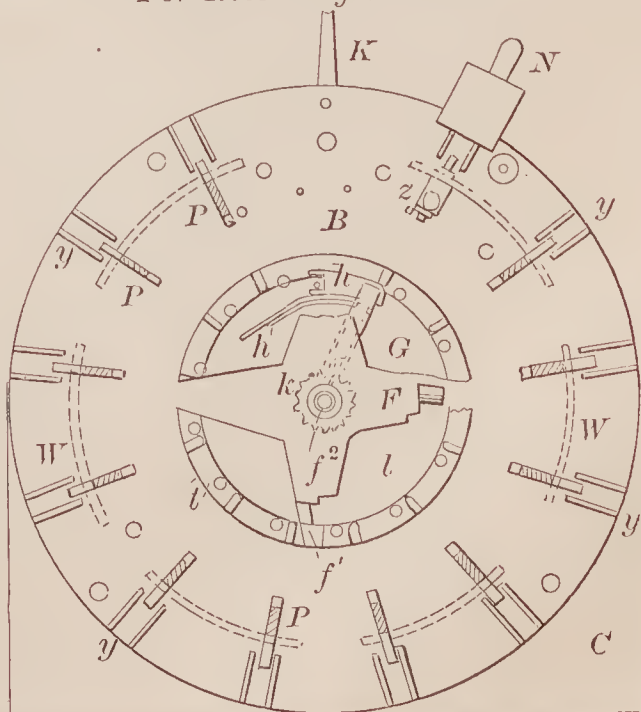
69385—F. Ashley—*Letter File.*



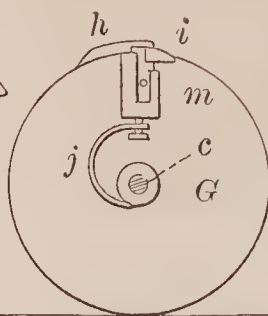
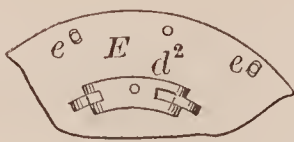
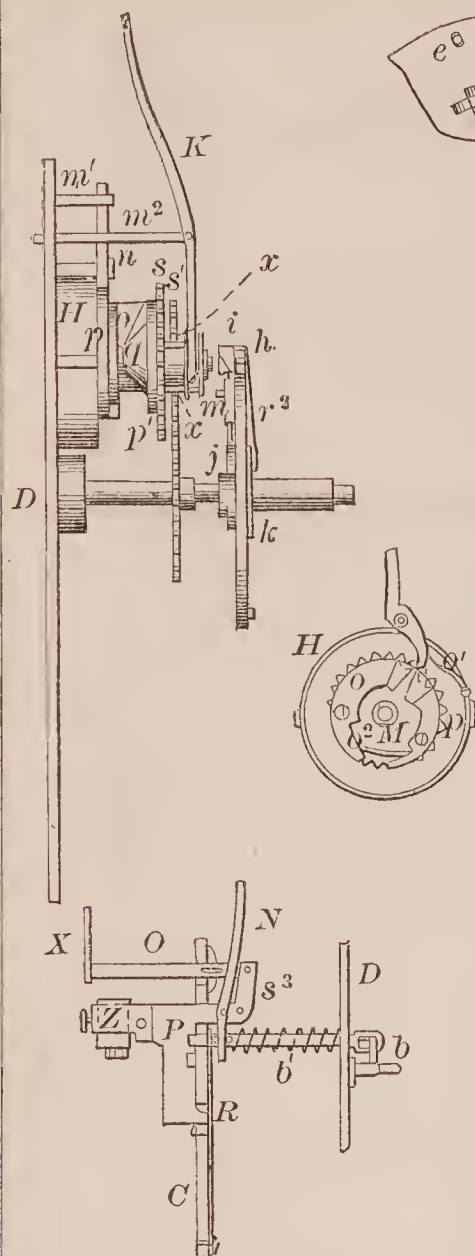
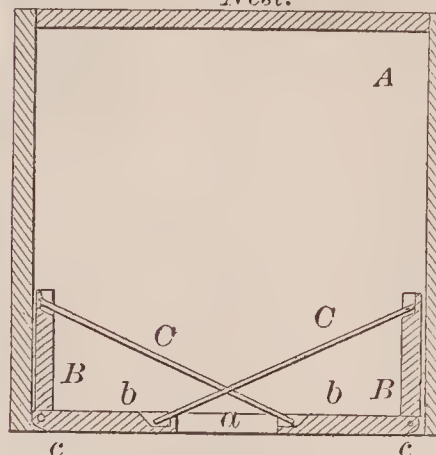
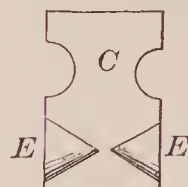
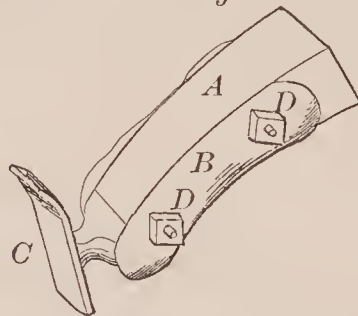
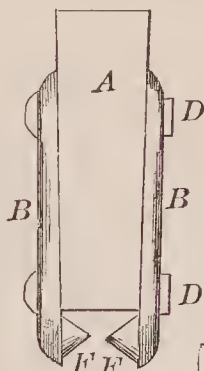
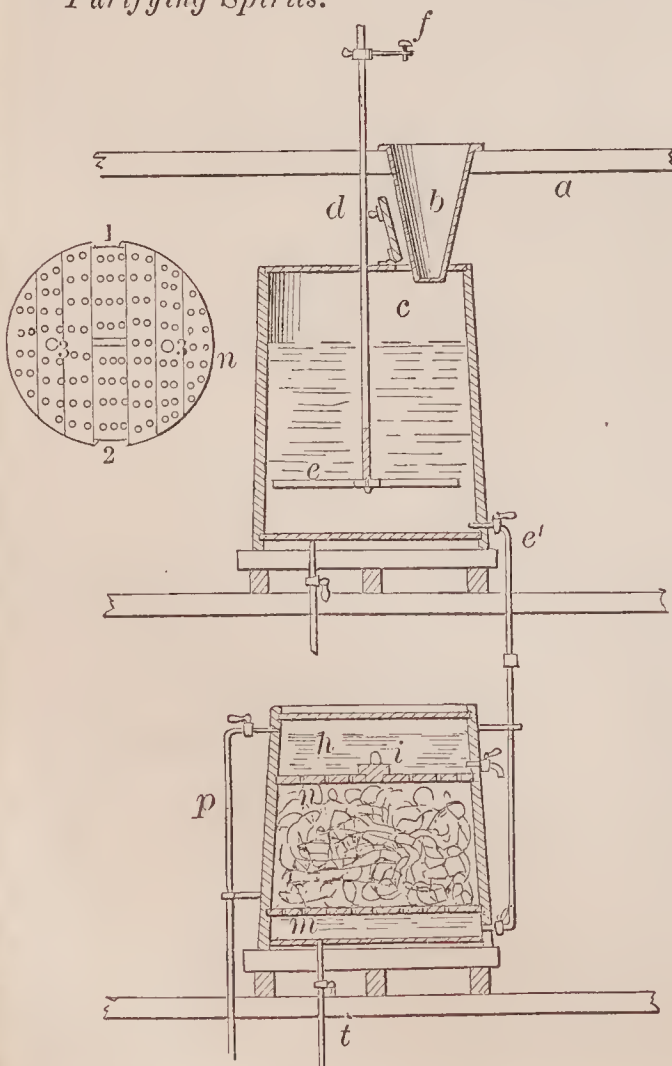
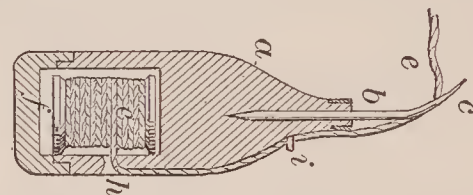
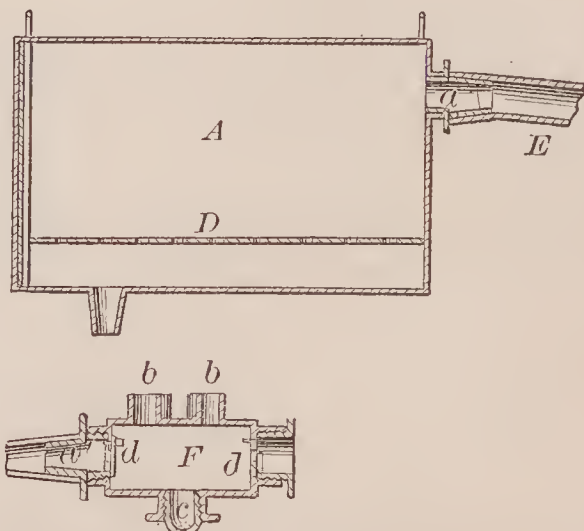
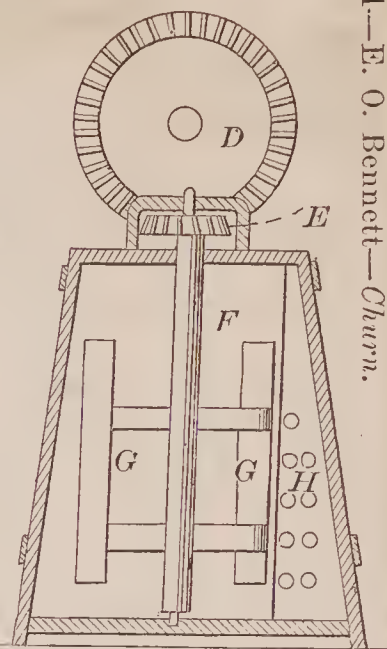
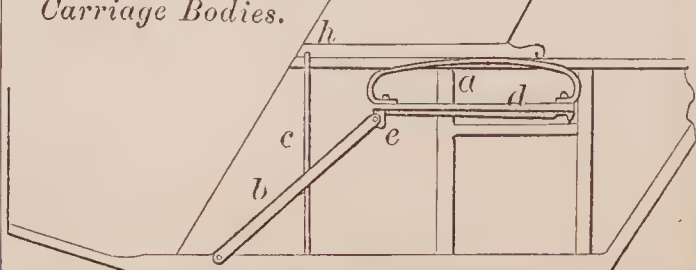
69388—G. C. Barney—*Eraser and Letter Opener.*



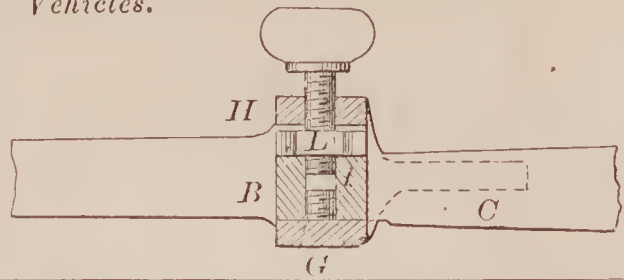
69389—Beardsley, Boyle, Lewis & Clancy—*For Recording Votes.*



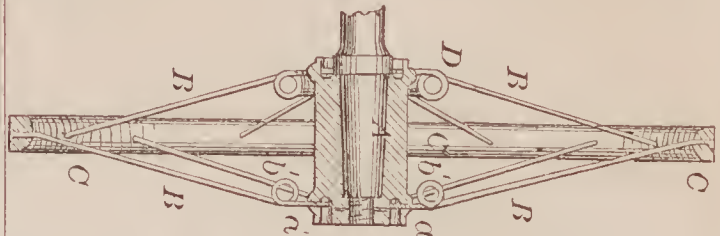
69389—Continued.

69392—C. W. Blackman—*Hen's Nest.*69394—S. S. Bliss—*Attaching Thills to Carriages.*69390—W. F. Bearns—*For Filtering and Purifying Spirits.*69395—C. K. Bradford—*Lasting Awl.*69396—Brayton & Curtis—*Respirator.*69397—R. F. Briggs—*Seat for Carriage Bodies.*

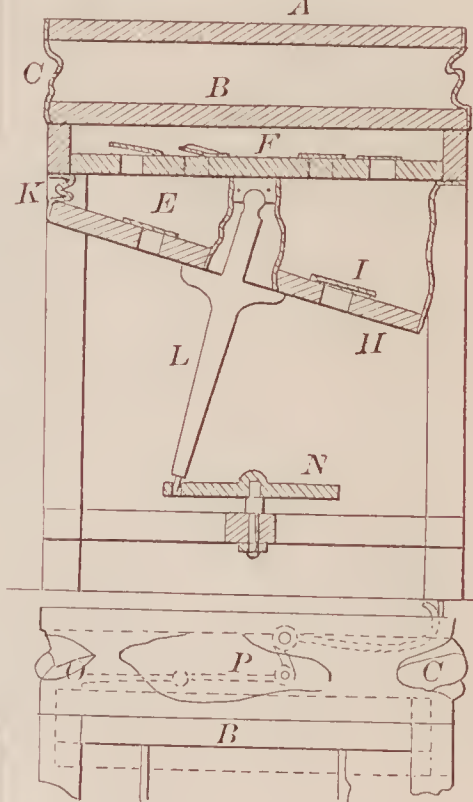
69402—E. M. Butler—Attaching Thills to Vehicles.



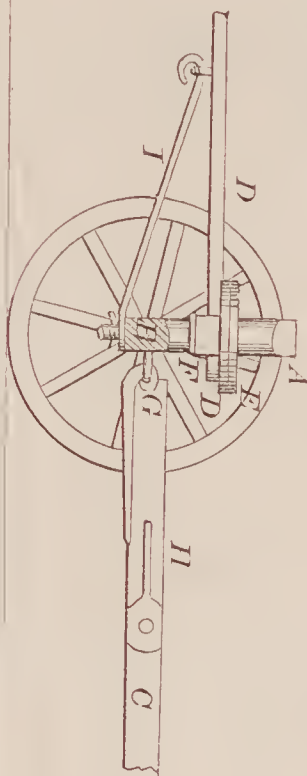
69403—J. G. Buzzell—Carriage Wheel.



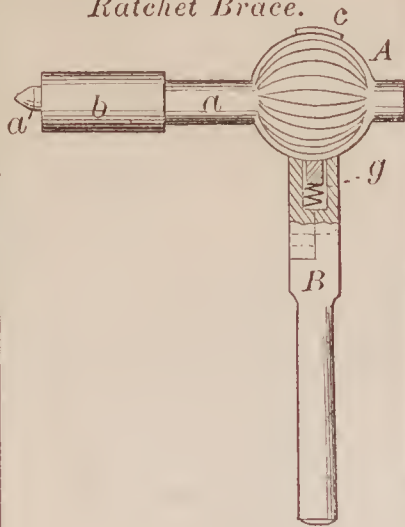
69401—G. Bushnell—Bellows.



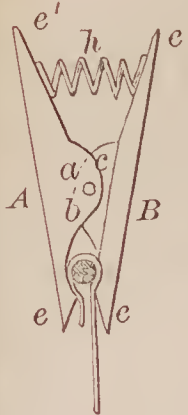
69404—V. M. Chafee—Wagon.



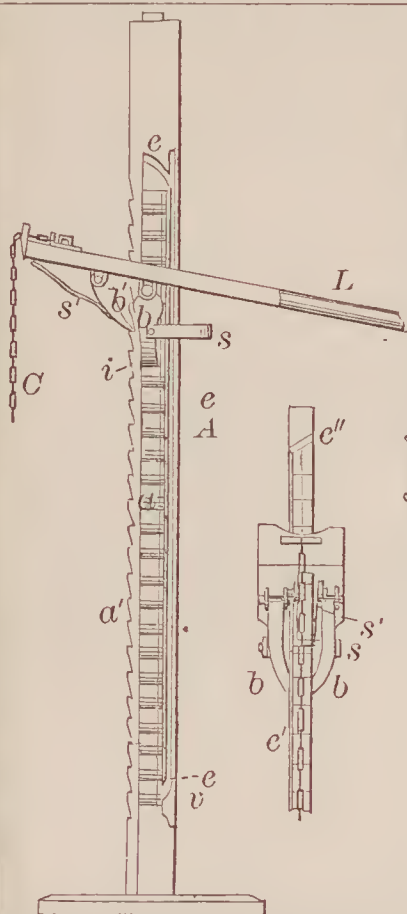
69399—W. Brown—Ratchet Brace.



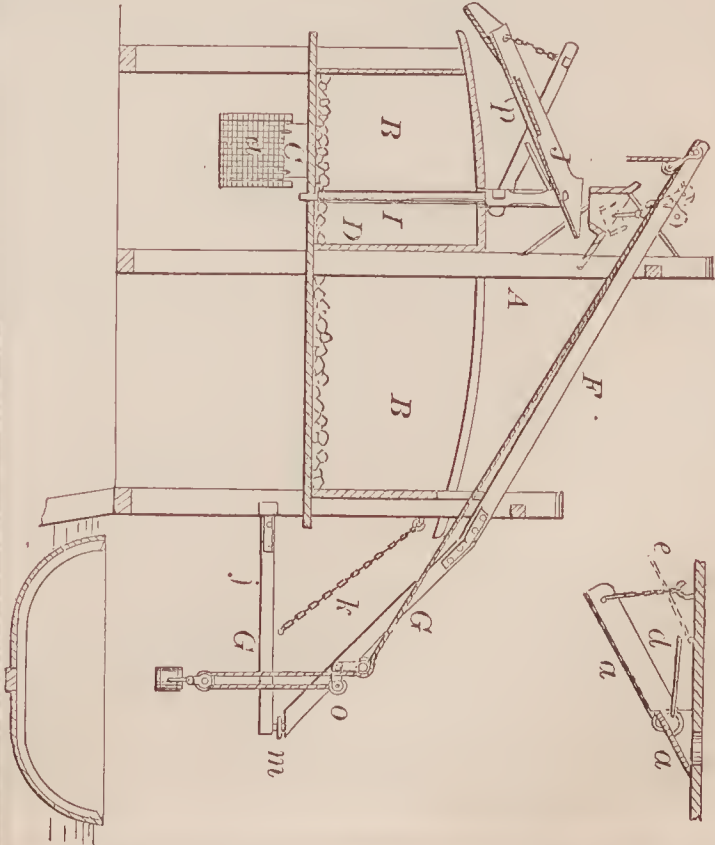
69398—R. G. Britton—Clothes Pin.



69400—W. Green—Lifting Jack.



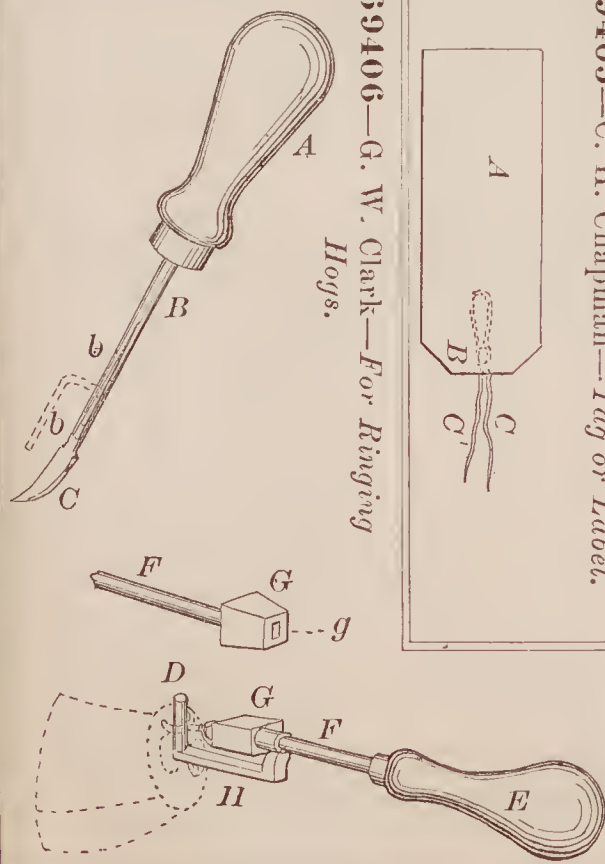
69407—Clark & Little—Coal Elevator and Distributor.



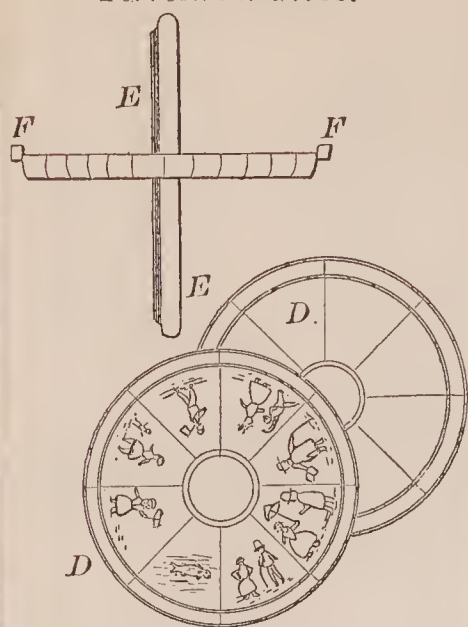
69405—C. H. Chapman—Tag or Label.



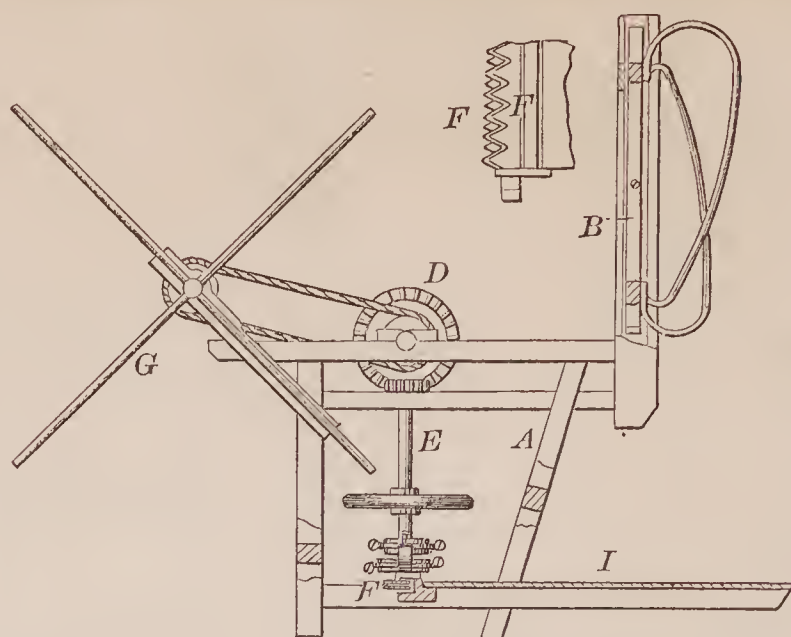
69406—G. W. Clark—For Ringing Hogs.



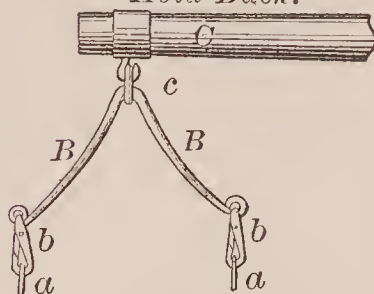
69408—G. P. Clarke—*Terrestrial Globe.*



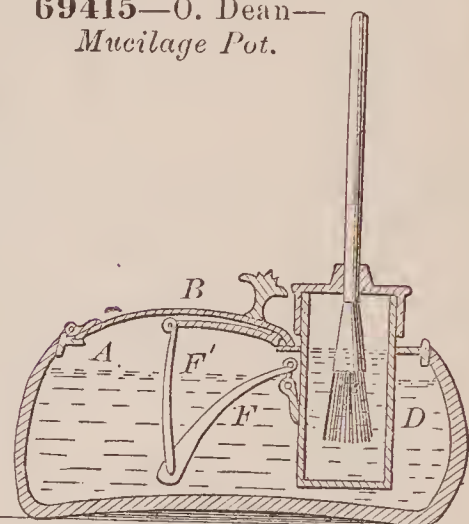
69409—J. P. Cook—*Hand Reaper and Mower.*



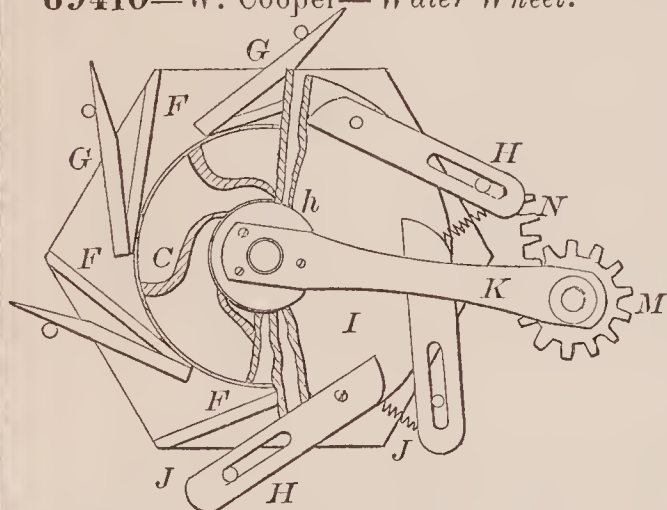
69412—J. C. Covert—*Hold Back.*



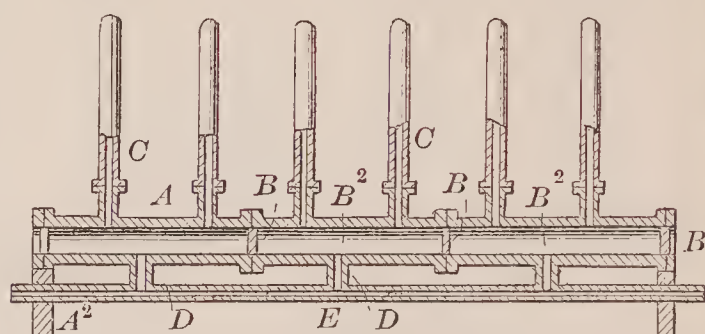
69415—O. Dean—*Mucilage Pot.*



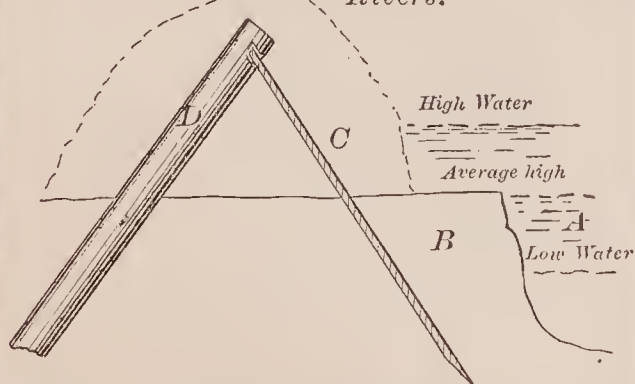
69410—W. Cooper—*Water Wheel.*



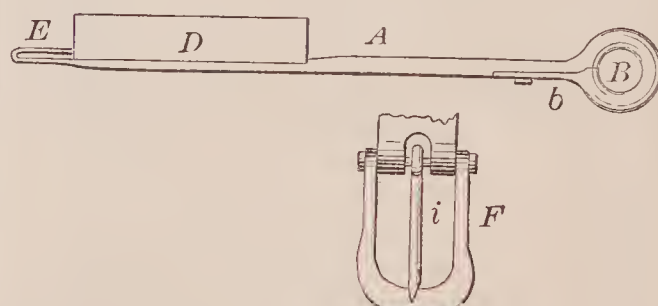
69411—L. R. Cornell—*Steam Superheater.*



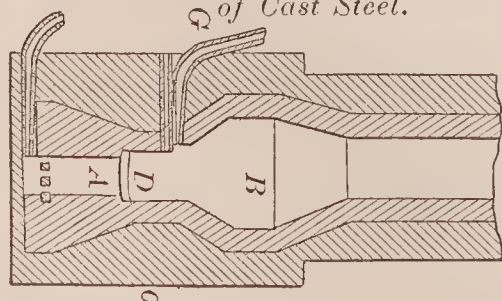
69416—S. B. Driggs—*Dike and Levee to Rivers.*



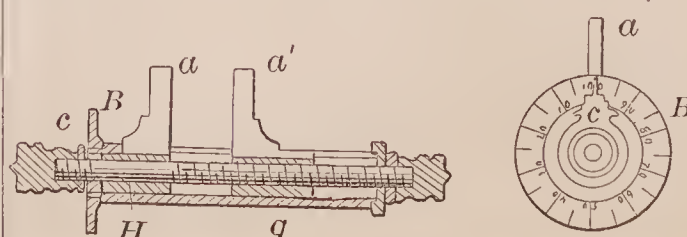
69413—Curran & Baxter—*Metallic Hame Tug.*



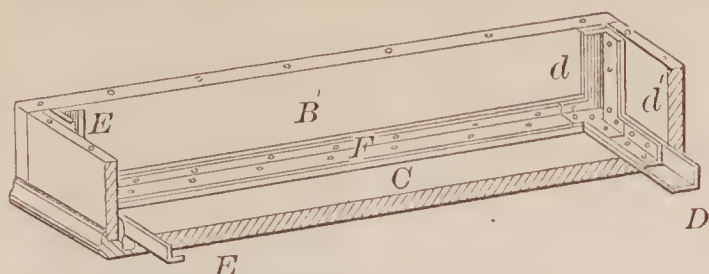
69417—F. Ellershausen—*Manufacture of Cast Steel.*



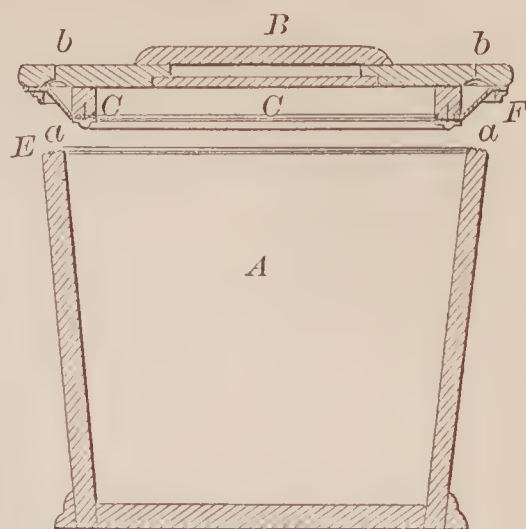
69418—D. F. Elmer—*Index Gauge and Calipers.*



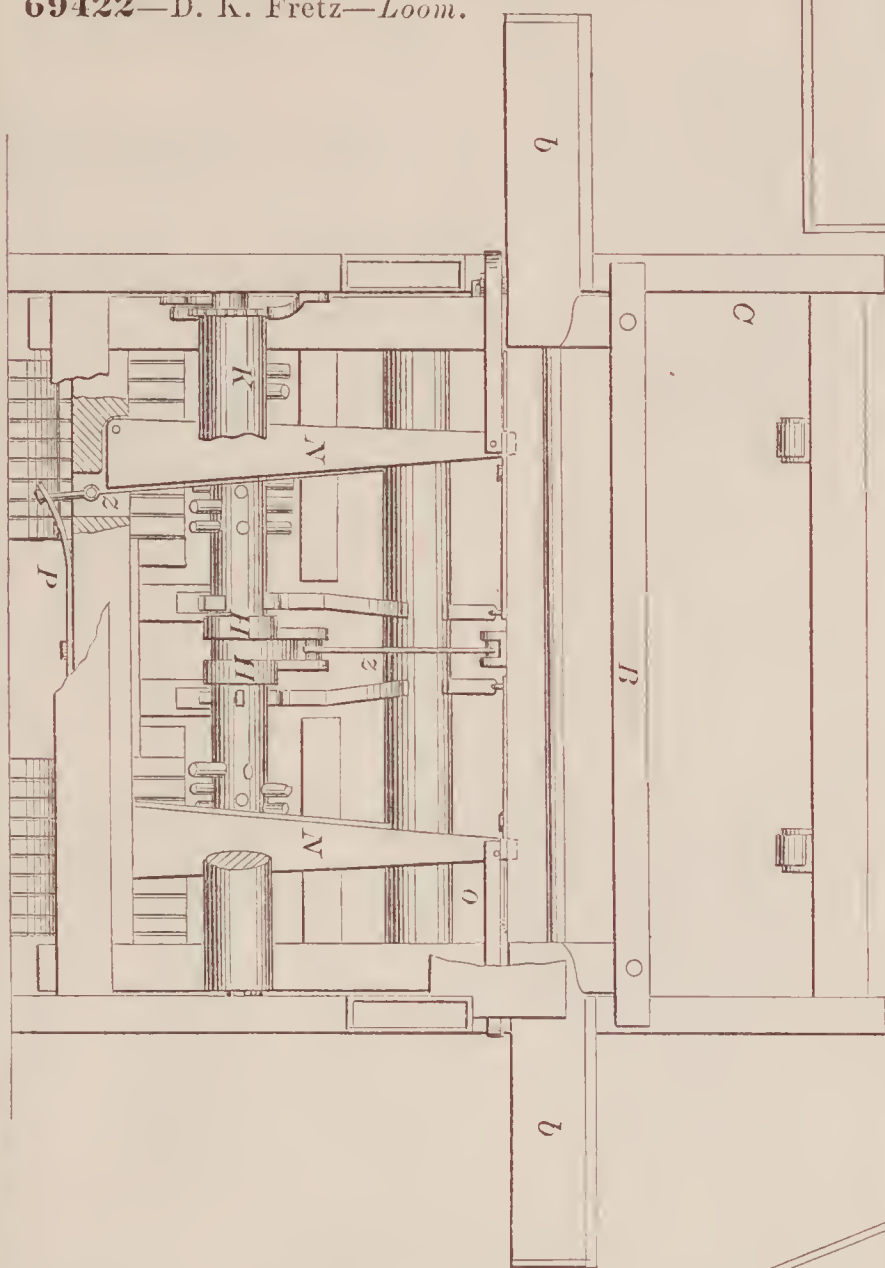
69419—T. B. Estep—*Coffin*.



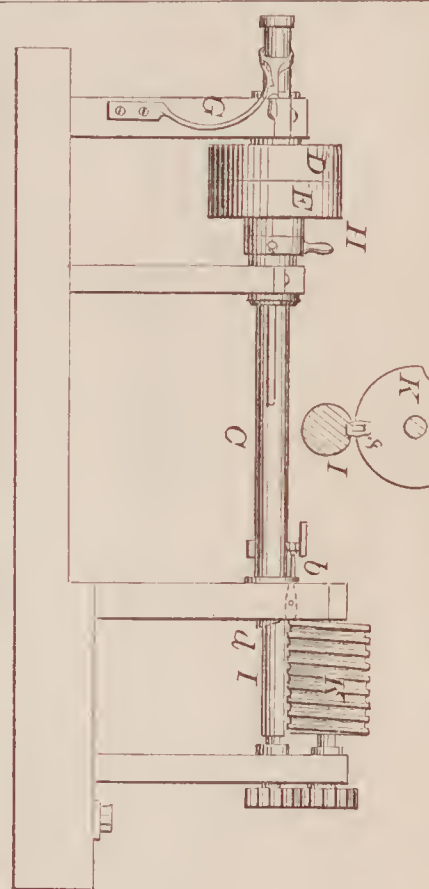
69420—Estep & Hefferman—*Coffin*.



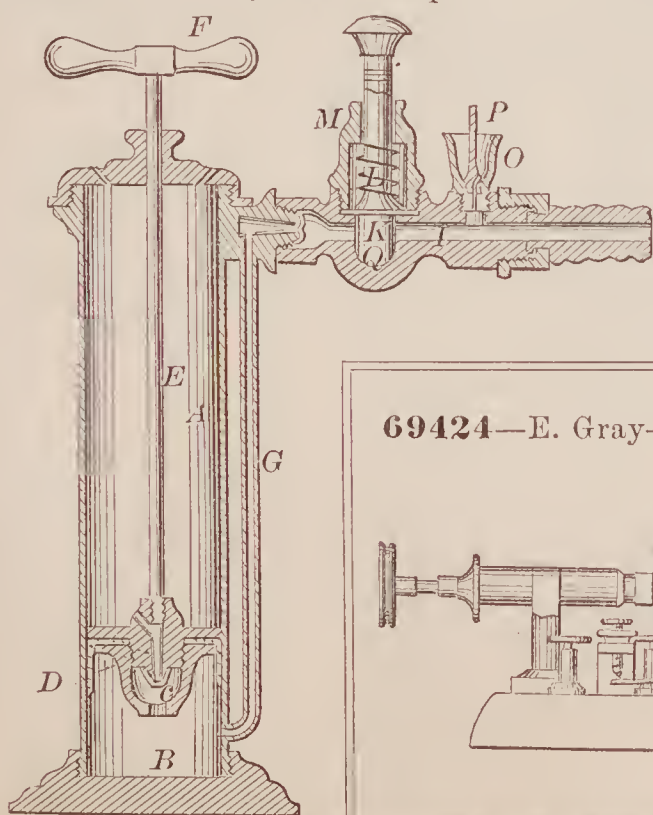
69422—D. K. Fretz—*Loom.*



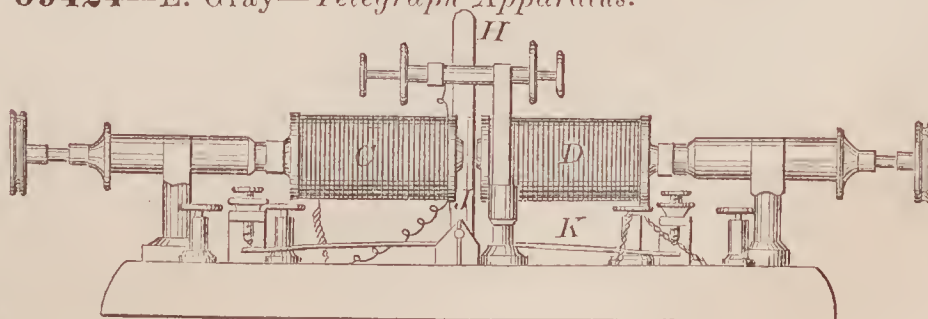
69421—J. W. Evans—*For Coiling Springs.*



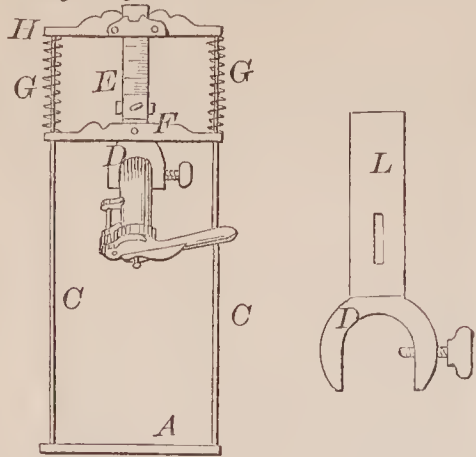
69423—H. Getty—*Air Pump.*



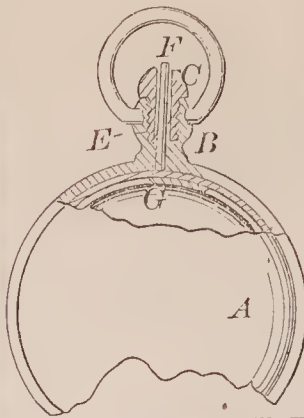
69424—E. Gray—*Telegraph Apparatus.*



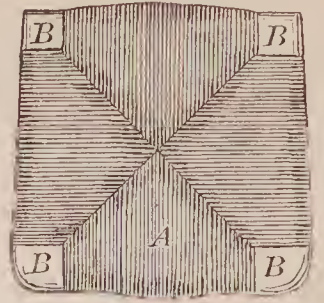
69425—Fisher & Holliday—*Weighing Attachment to Faucets.*



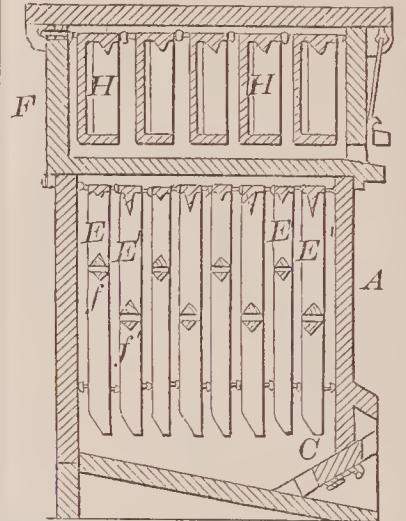
69427—J. A. Harman—*Watch.*



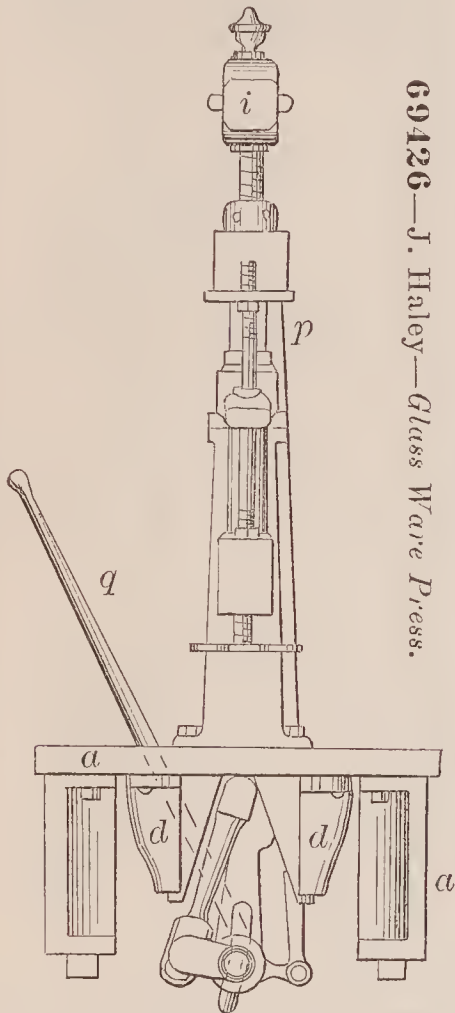
69430—G. Heesen—*Chair Seat.*



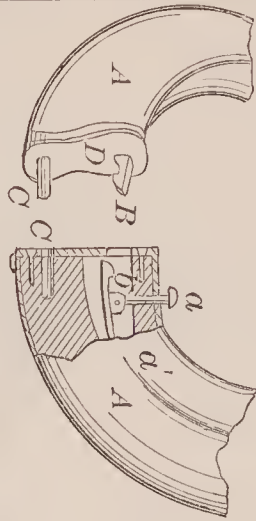
69431—J. H. Hendrick—*Beehive.*



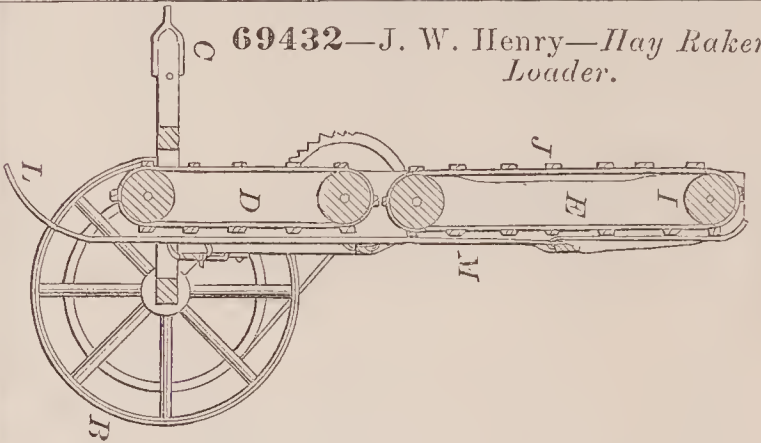
69426—J. Haley—*Glass Ware Press.*



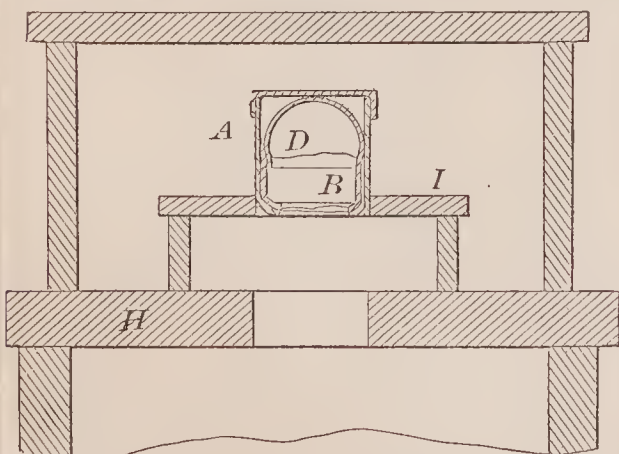
69429—J. G. Haymaker—*Horse Collar.*



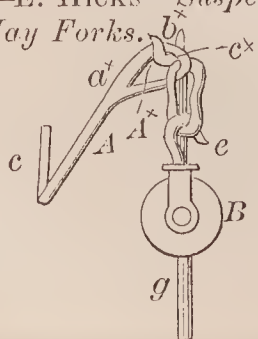
69432—J. W. Henry—*Hay Raker and Loader.*



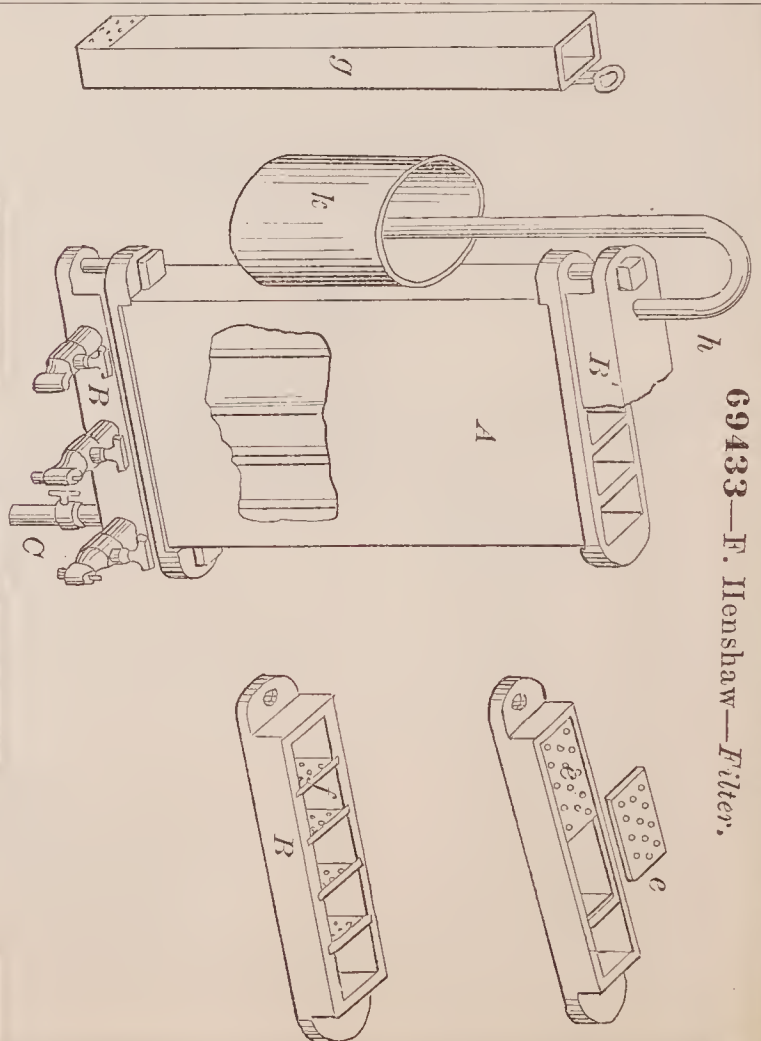
69428—E. Harrison—*Beehive.*



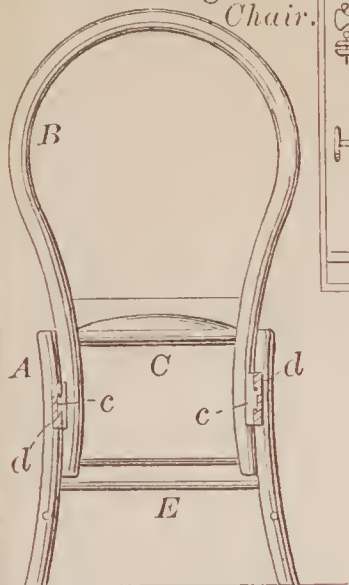
69434—E. Hicks—*Suspension Hook for Horse Hay Forks.*



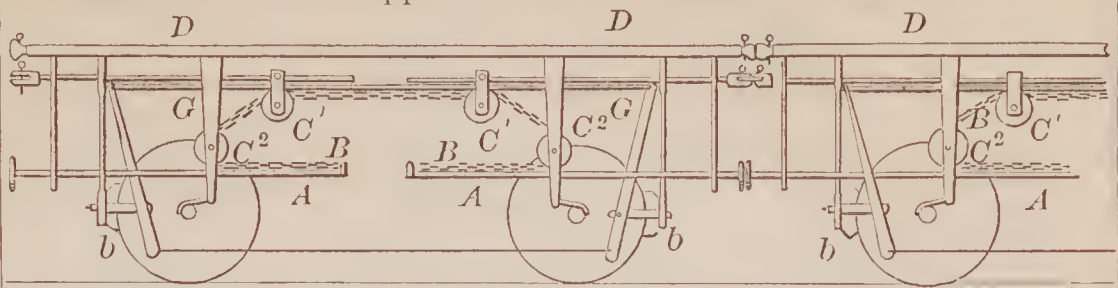
69433—F. Menshaw—*Filter.*



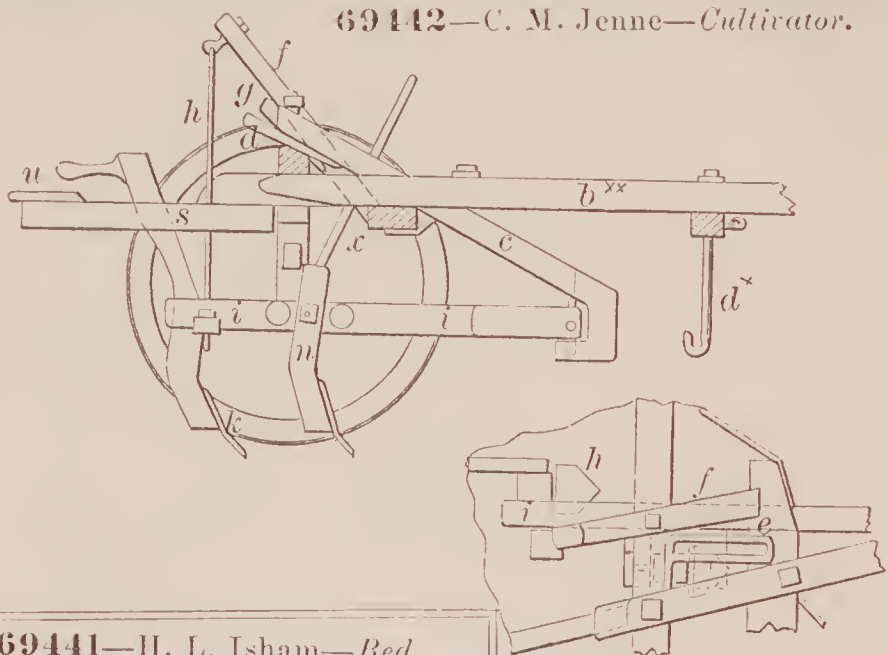
69435—
G. H. Hoagland—*Chair.*



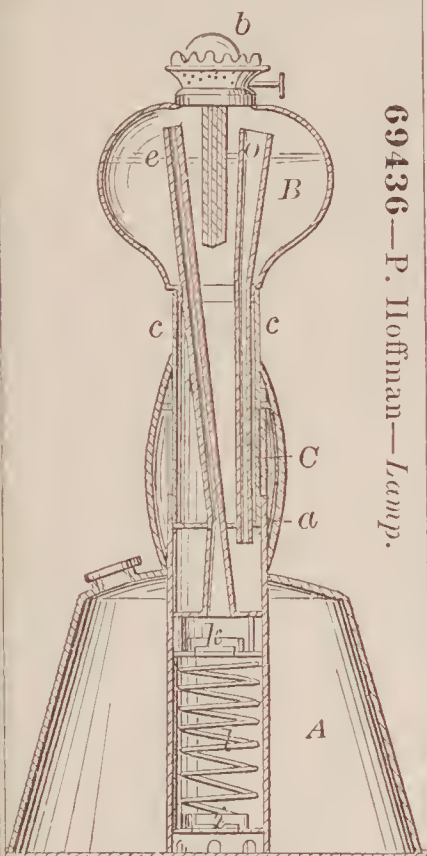
69437—T. & H. Hopper—*Steam Car Brake.*



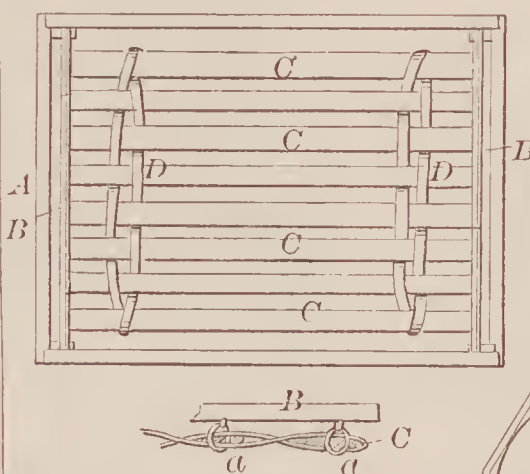
69442—C. M. Jenne—*Cultivator.*



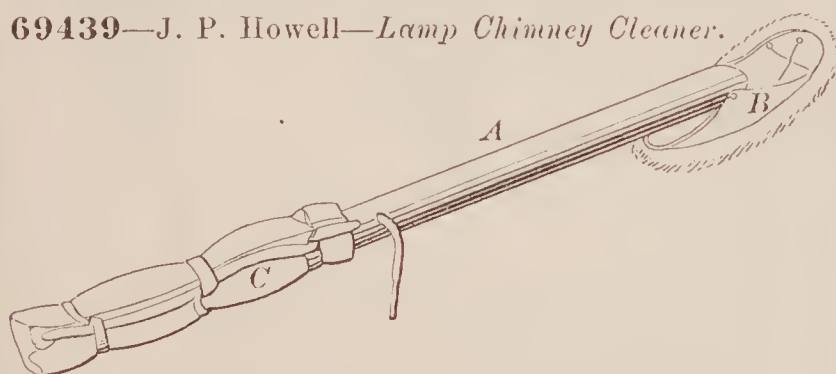
69436—P. Hoffman—*Lamp.*



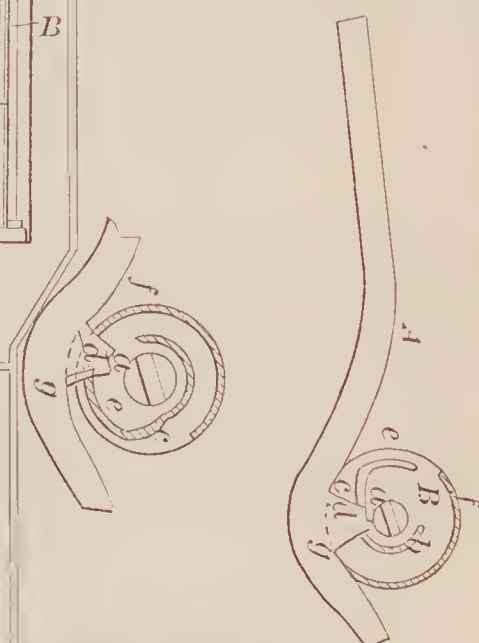
69441—H. L. Isham—*Bed Bottom*



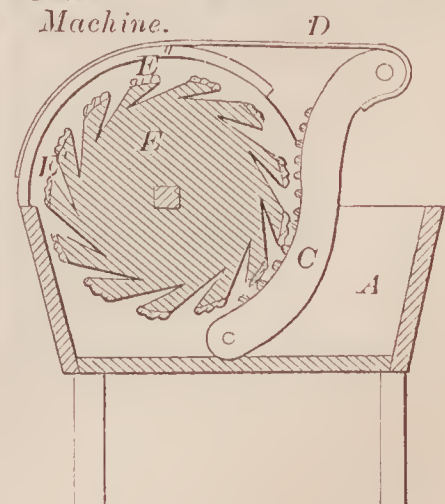
69439—J. P. Howell—*Lamp Chimney Cleaner.*



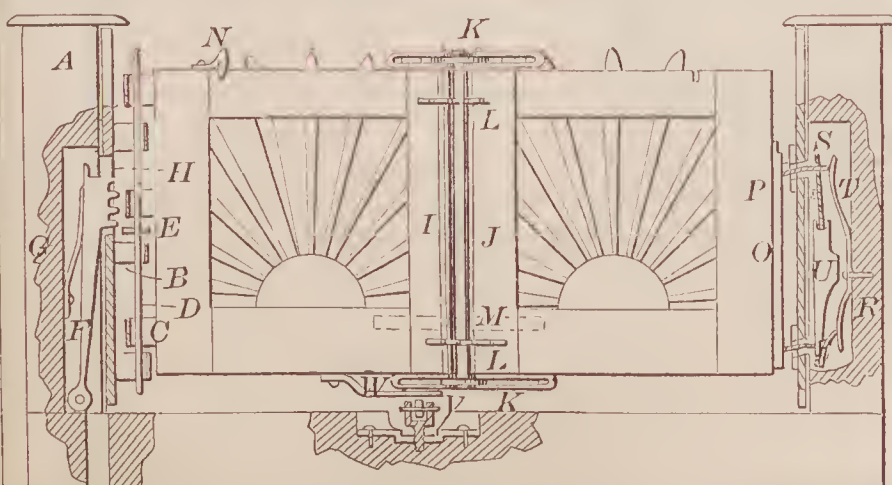
69438—Hove & Washburn—*Cam for Looms.*

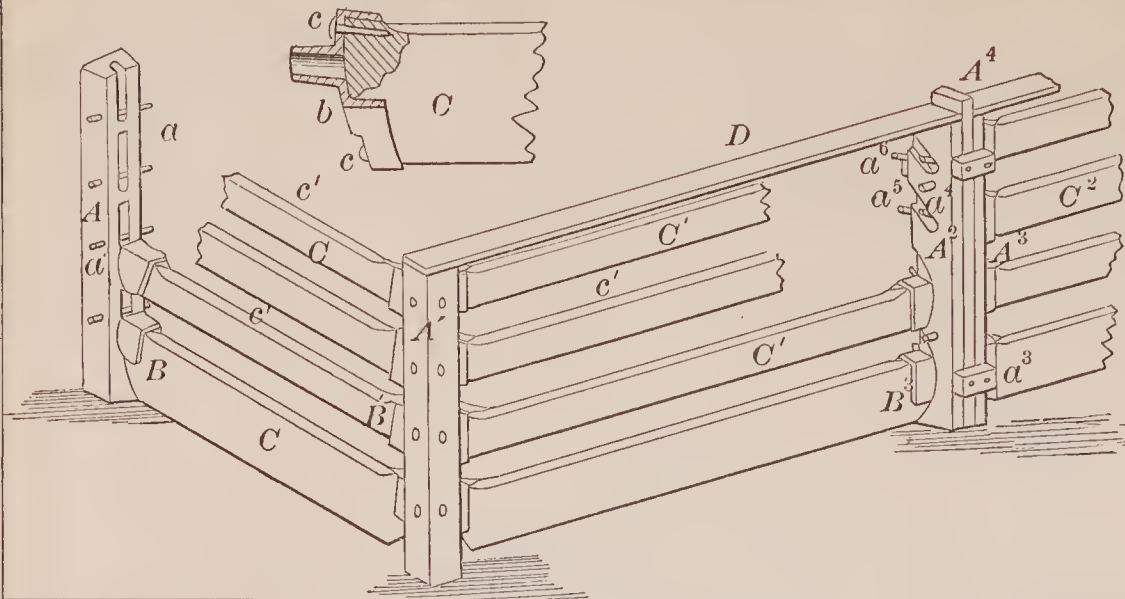
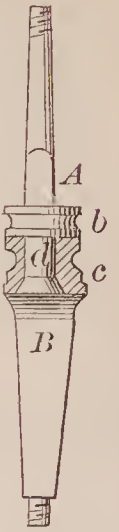
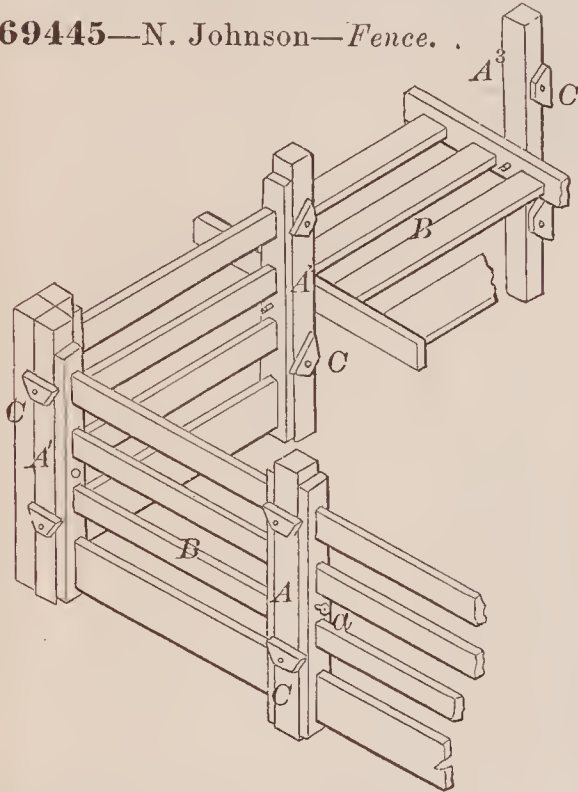
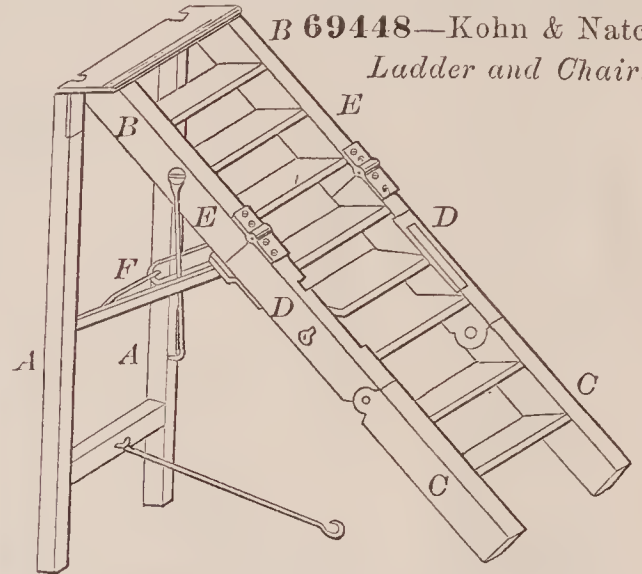
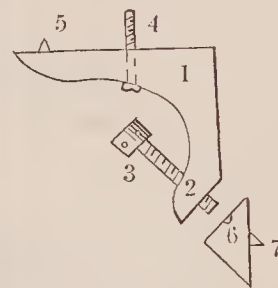
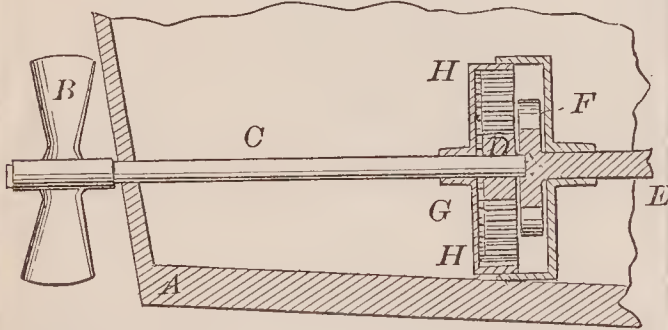
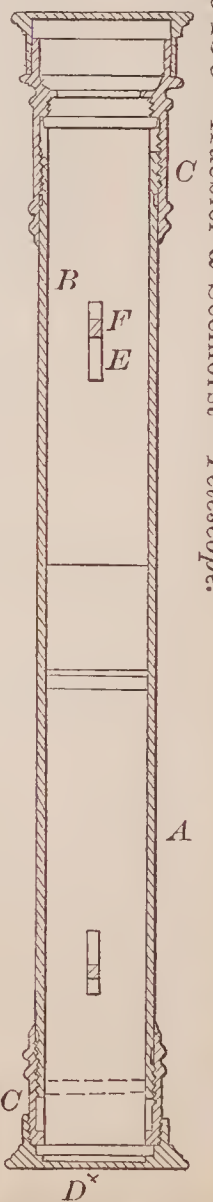
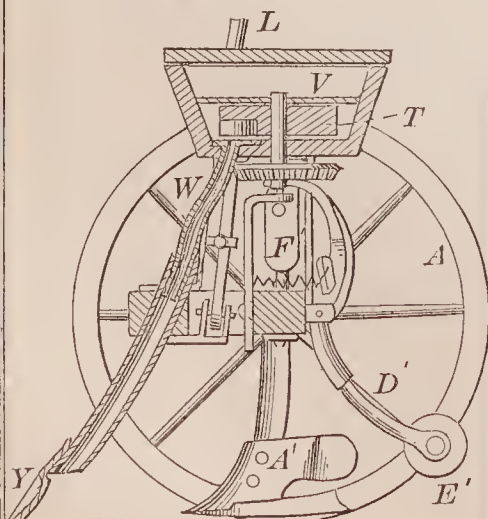
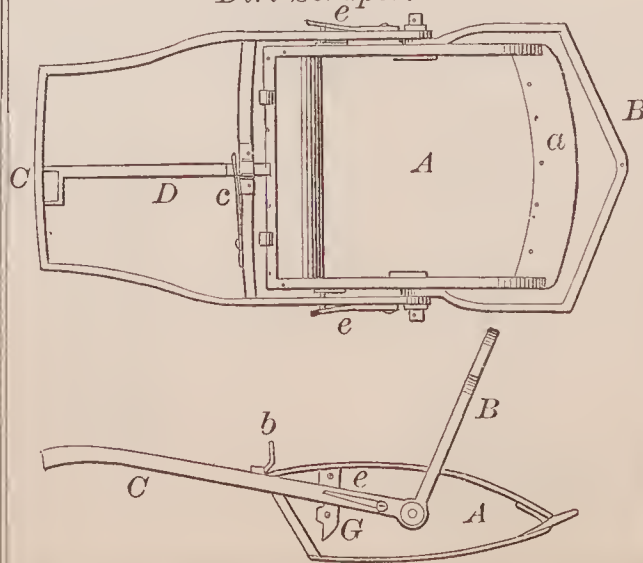


69440—R. Hubbard—*Washing Machine.*



69443—H. J. Johnson—*Gate.*

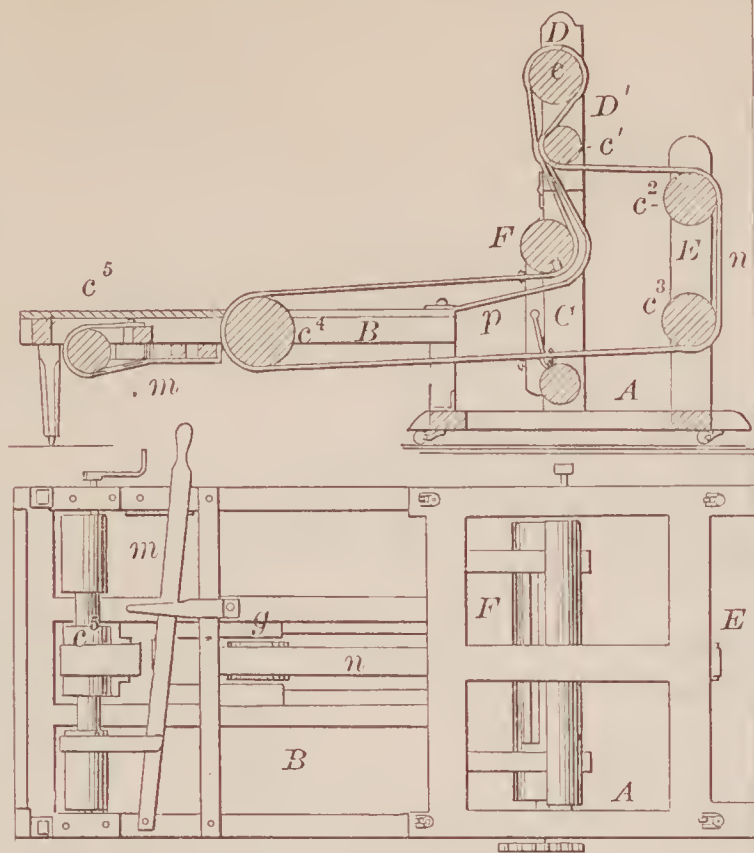


69444—N. Johnson—*Fence.*69446—E. A. Keasey—*King Bolt.*69445—N. Johnson—*Fence.*B 69448—Kohn & Natcher—*Ladder and Chair.*69447—M. K. Kellogg—*Stretcher for Painters' Canvas.*69451—W. Lawton—*Propeller.*69450—Kuebler & Seelhorst—*Telescope.*69449—Krebs & Johns—*Corn Planter.*69452—C. & J. L. Little & Dalbey—*Dirt Scraper.*

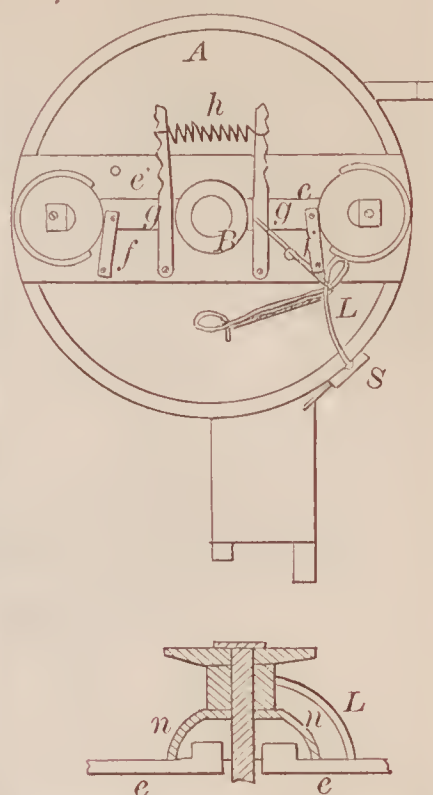
69453—Lloyd & Tetlow—Sewing Needles.



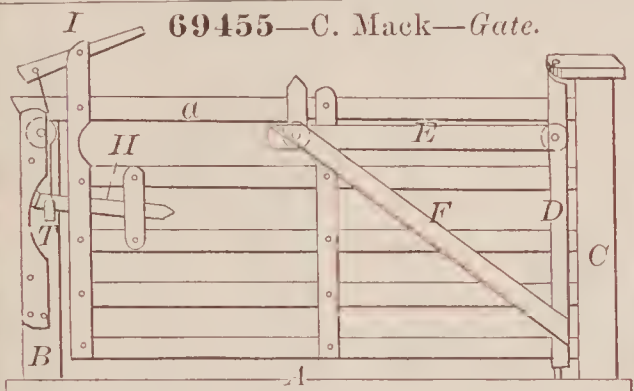
69454—J. Lombard—*For Folding Leather.*



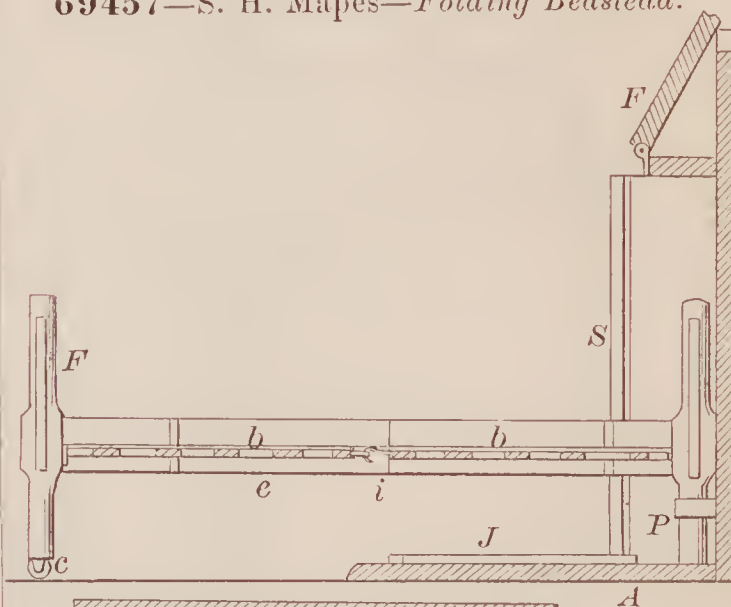
69458—T. B. McConaughey—
Governor.



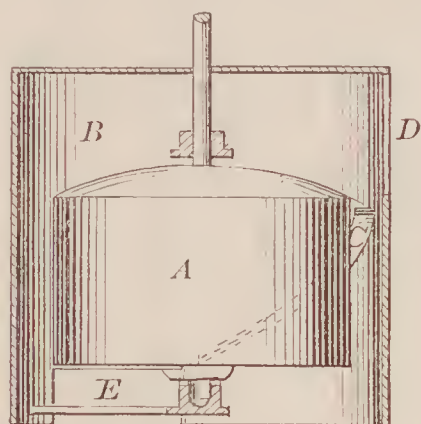
69455—C. Mack—*Gate*.



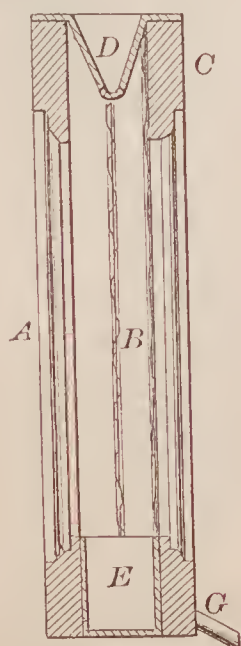
69457—S. H. Mapes—*Folding Bedstead.*



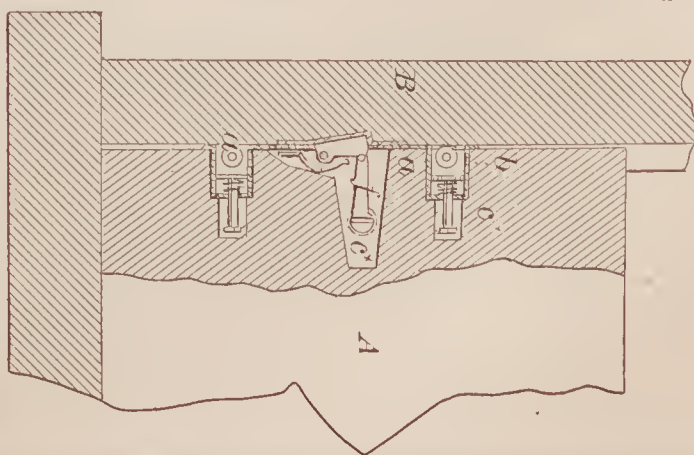
69459—H. McElowney—
For Ventilating Millstones.



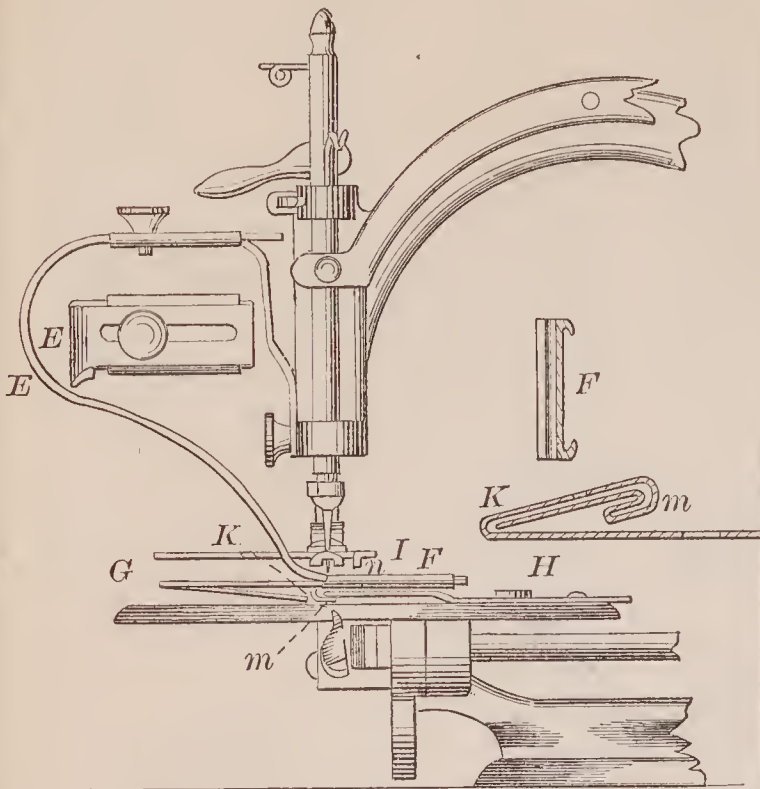
69460—J. McFeely—Window Screen.



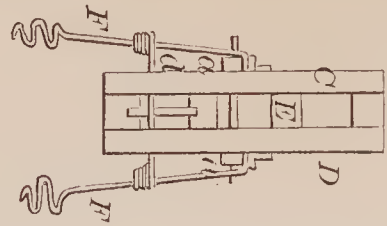
69456—D. D. Mackay—*Sash Lock and Stop.*



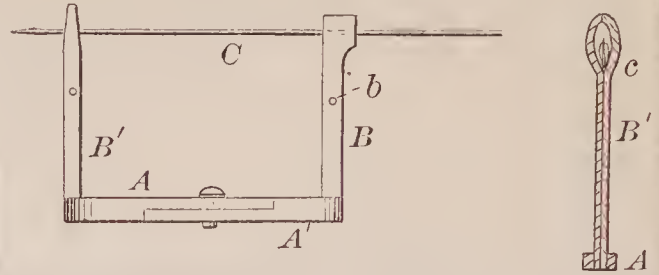
69461—J. McNeill—*Tucking Attachment for Sewing Machines.*



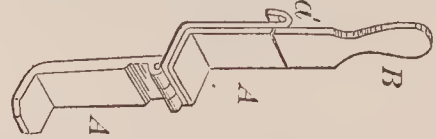
69462—M. D. Messler—*Fence*



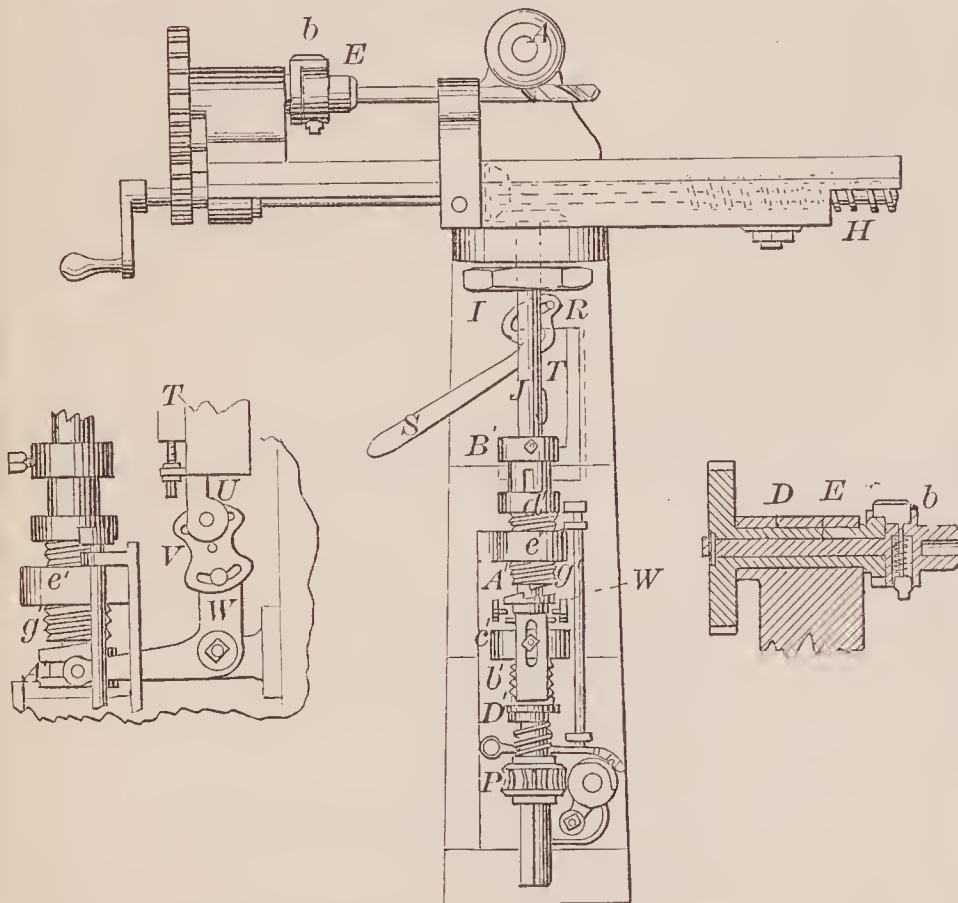
69463—T. C. Michener—*Needle Setter for Sewing Machines.*



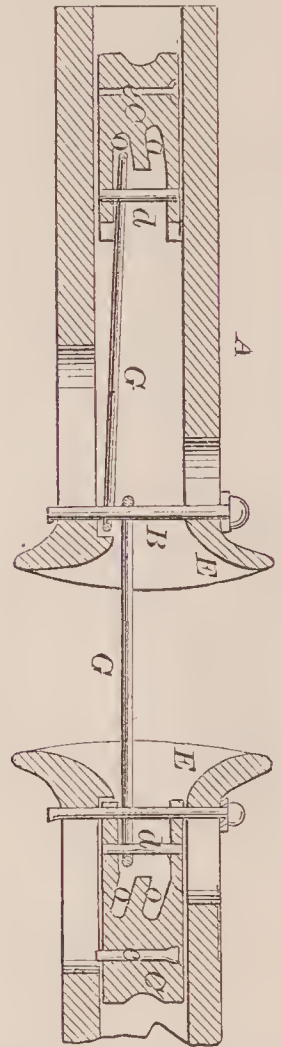
69465—E. Miller—*Shifting Step for Vehicles.*



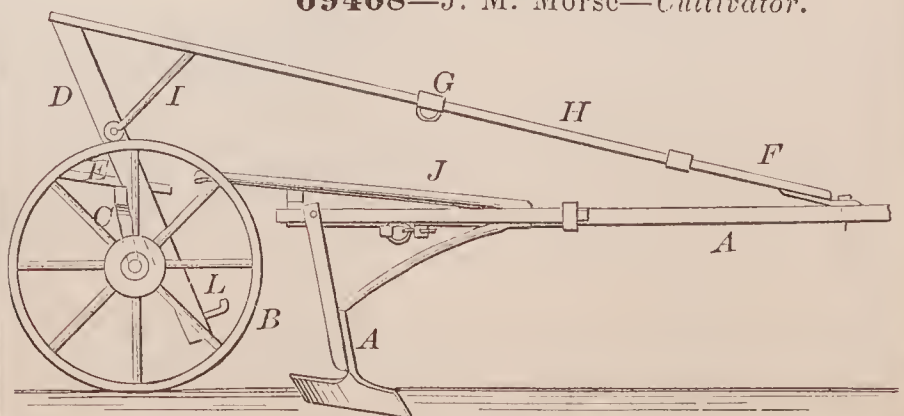
69466—L. B. Miller—*For Milling Twist Drills.*



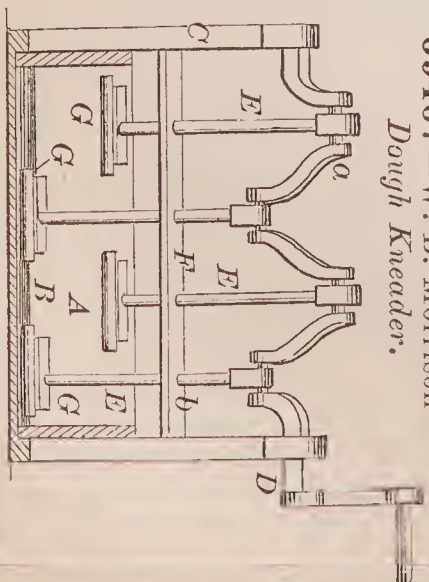
69464—Miller & Brestle—*Car Coupling.*



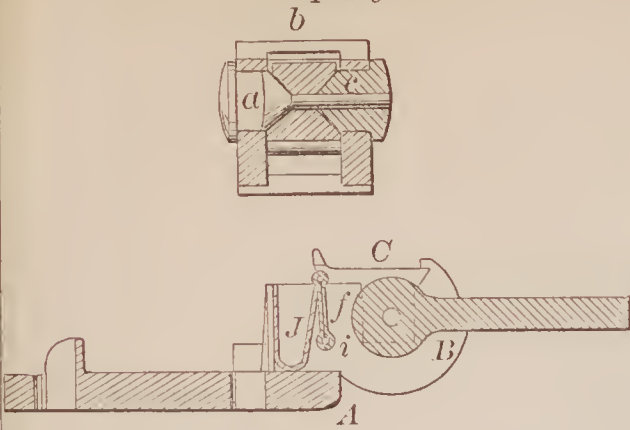
69468—J. M. Morse—*Cultivator.*



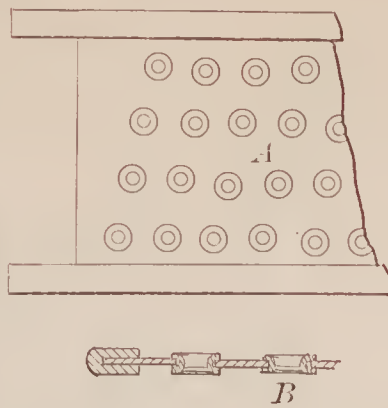
69467—W. B. Morrison—*Dough Kneader.*



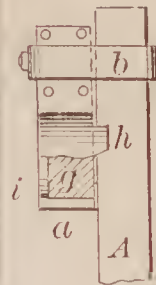
69469—E. M. Naramore—*Thill Coupling.*



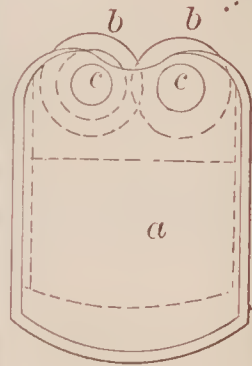
69471—A. J. Nichols—*Warper and Dresser Plate.*



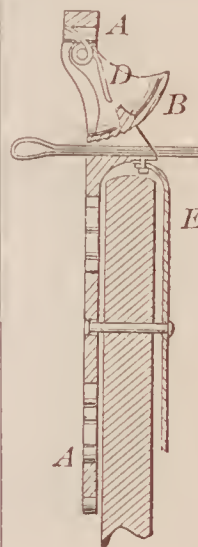
69472—B. W. Nichols—*Picker for Looms.*



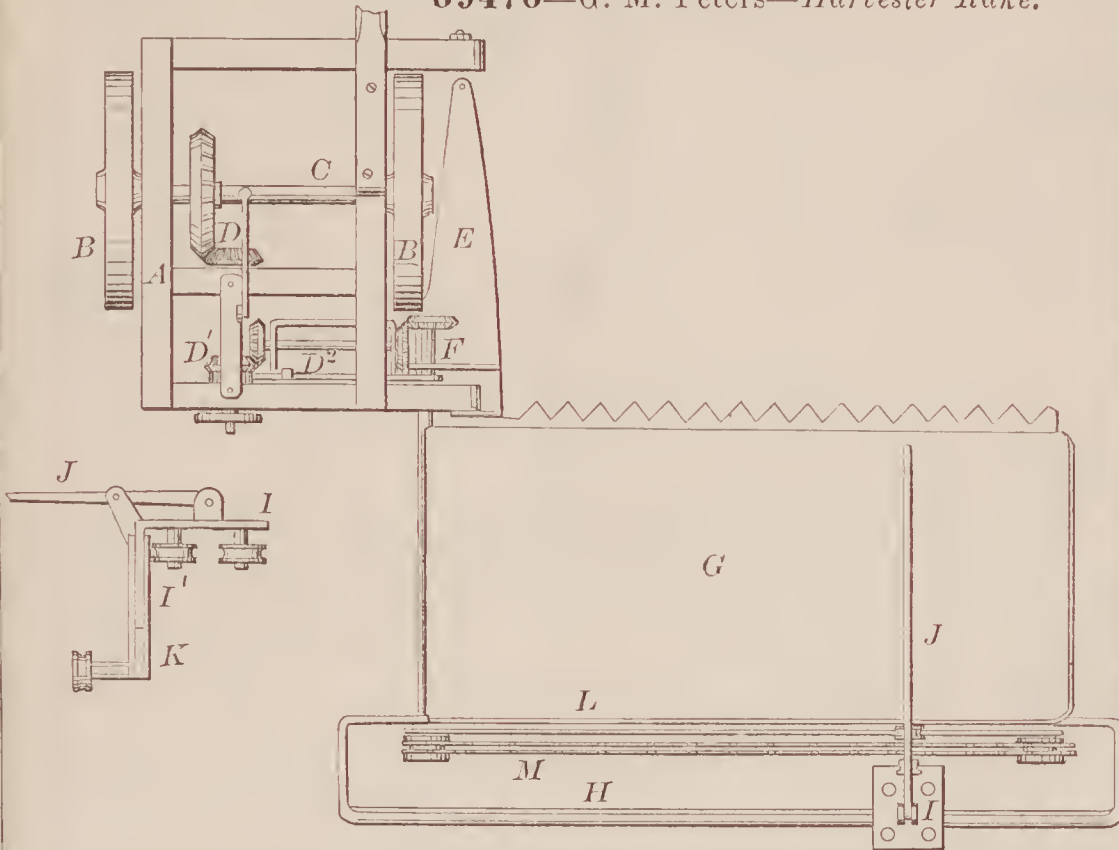
69473—C. C. Parsons—*Pipe and Bolt Cutter.*



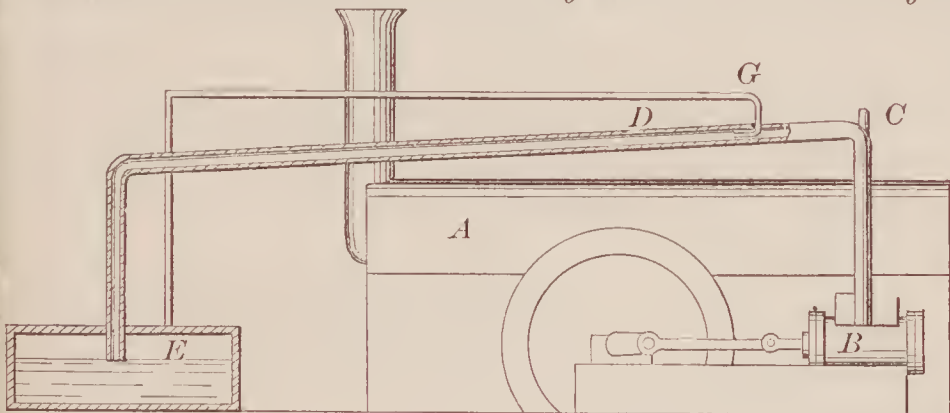
69474—B. D. Pease—*Rein Holder.*



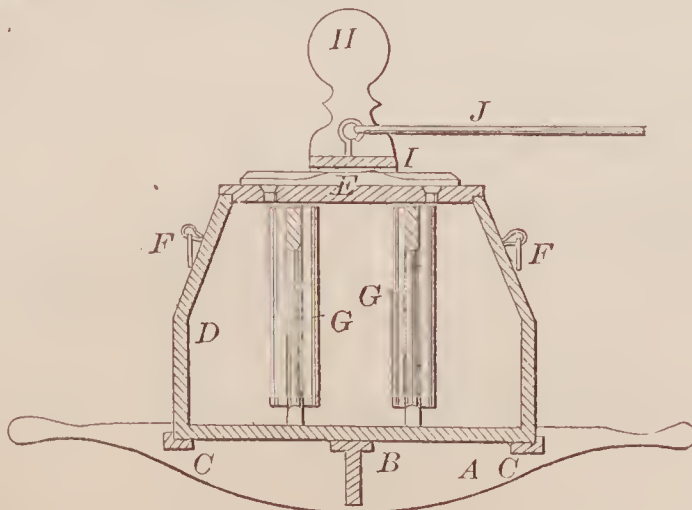
69476—G. M. Peters—*Harvester Rake.*



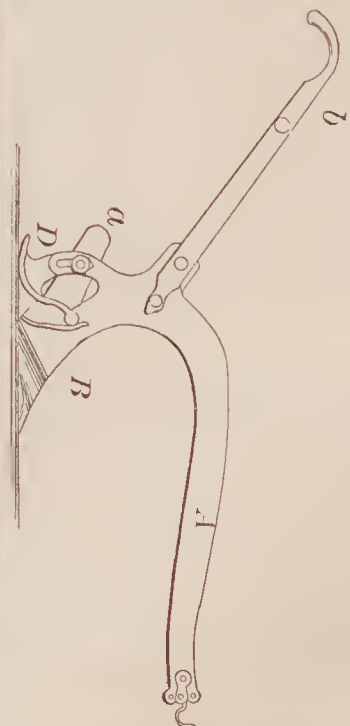
69477—H. J. Phalen—*For Heating Water and Condensing Steam.*

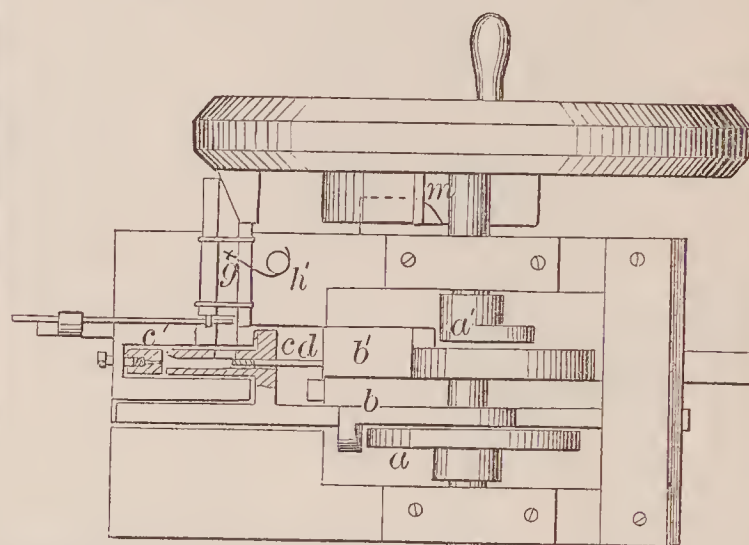
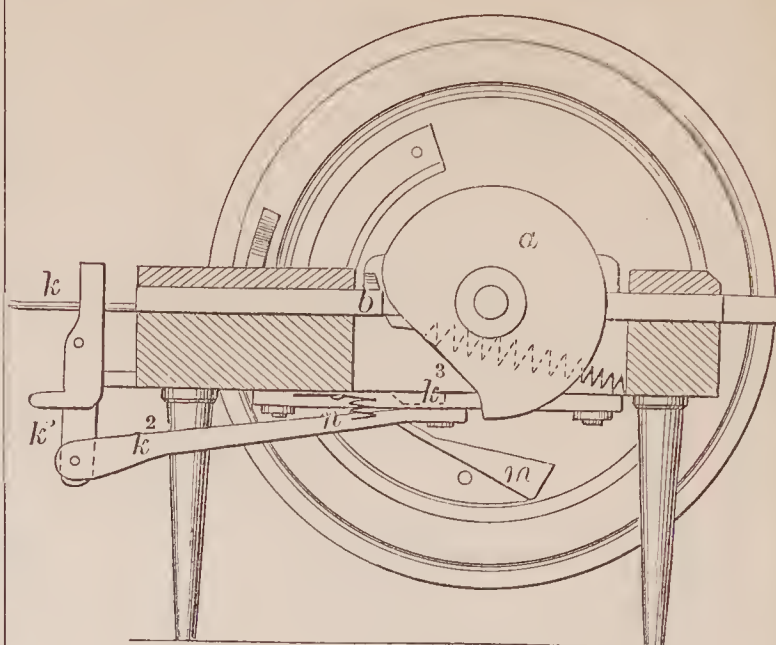
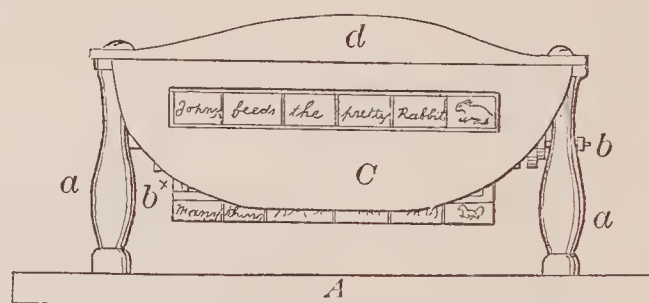
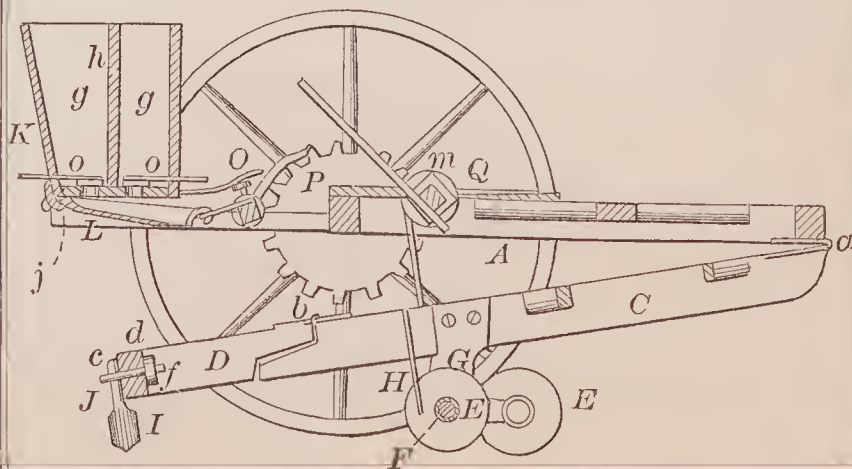
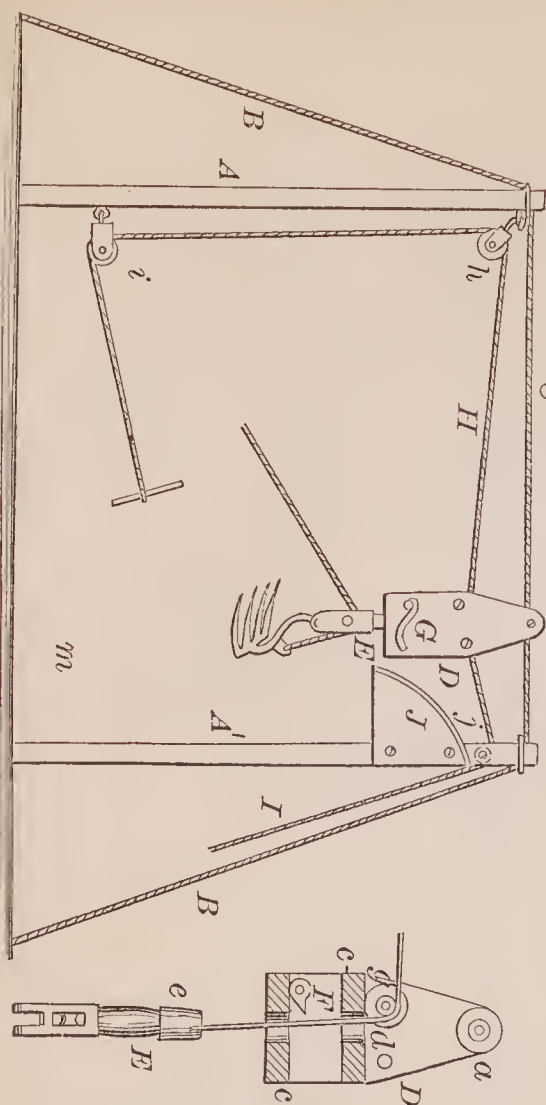
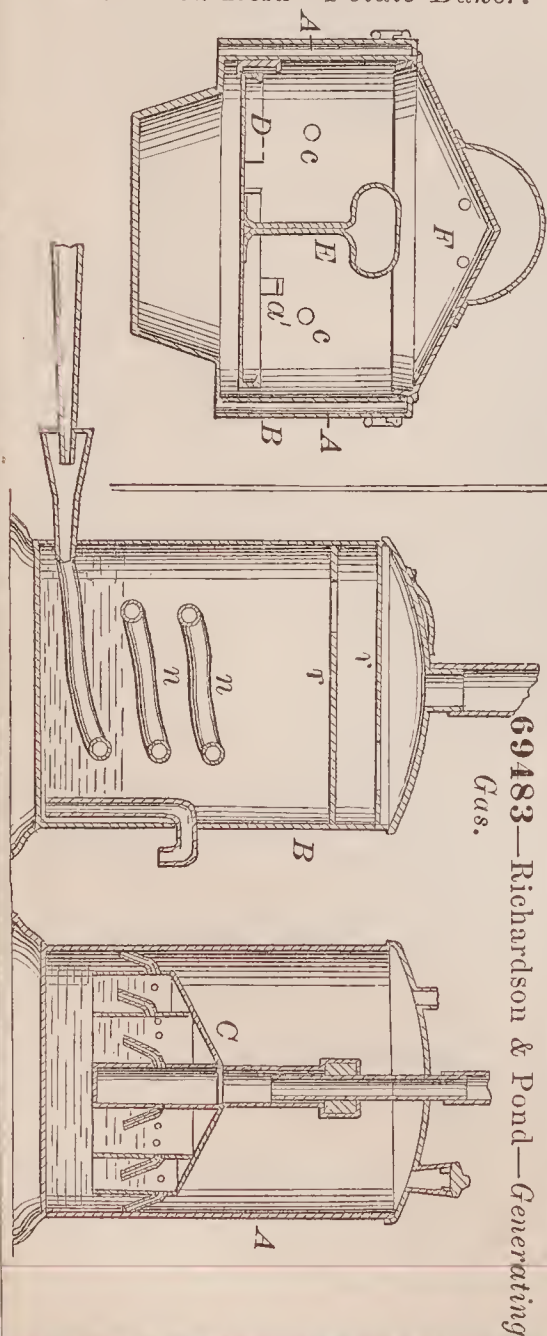
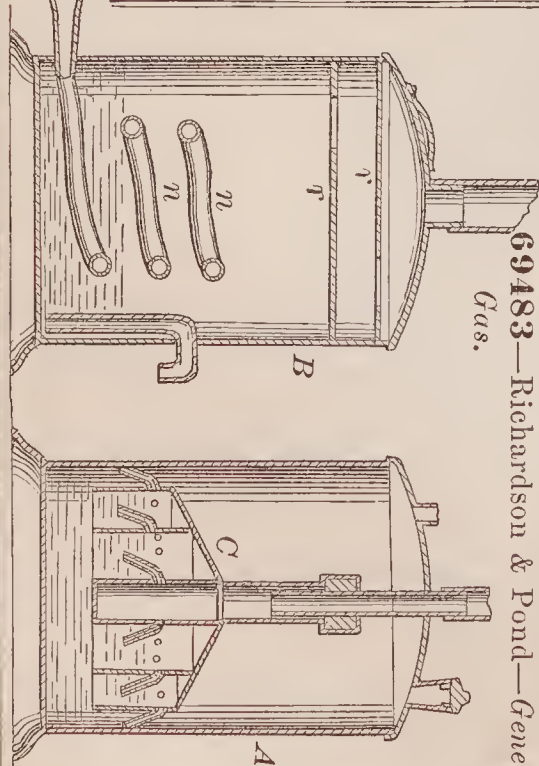


69475—W. C. Peck—*Churn.*

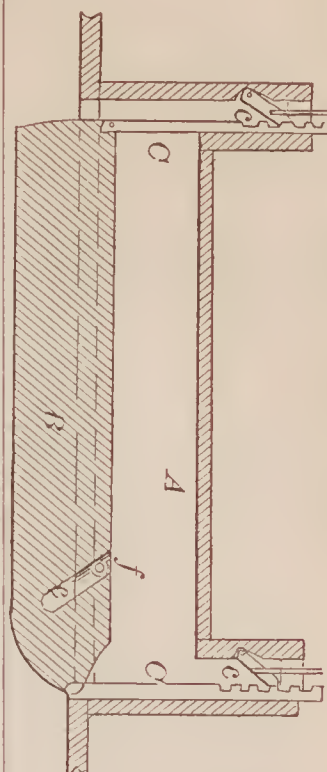


69478—M. Prentiss—*Plow.*

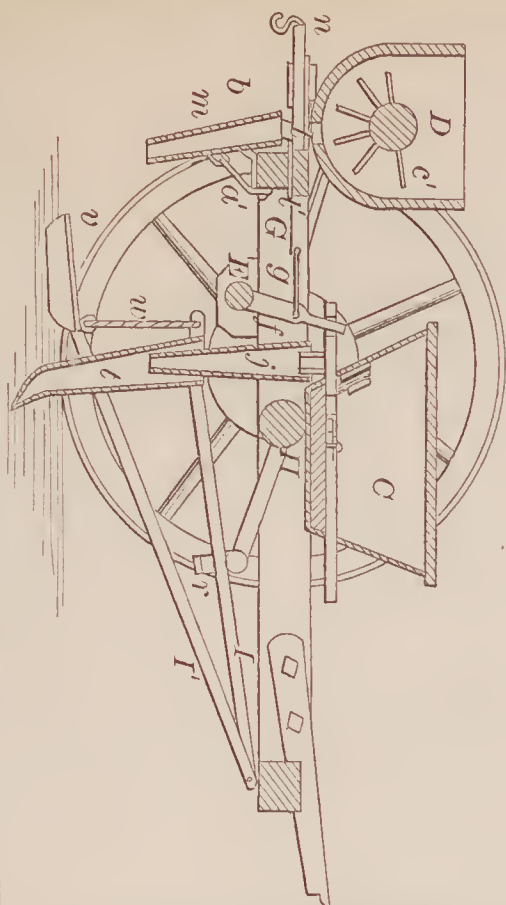
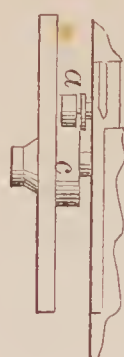


69481—C. H. Remington—*Bullet Machine.*69482—Richardson & Graeme—*Logotrope.*69484—E. Ritson—*Seeding Machine.*69479—A. J. Purviance—*Horse Hay Fork.*69480—A. Reid—*Potato Baker.*69483—Richardson & Pond—*Generating Gas.*

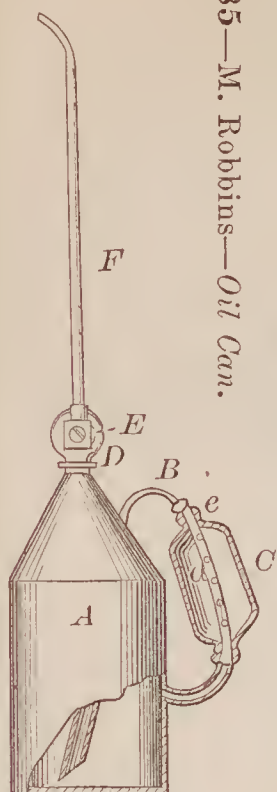
69492—J. G. Saunders—Centre Board.



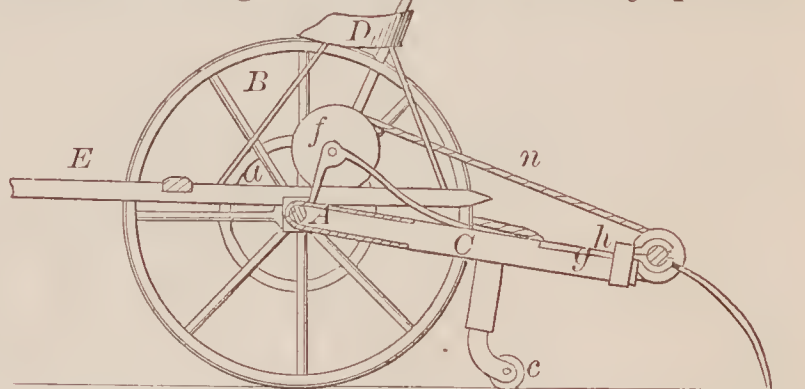
69486—H. Rodes—Corn Planter and Plaster Dropper.



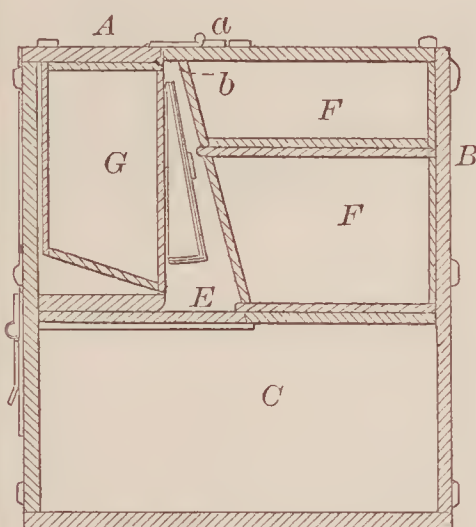
69485—M. Robbins—Oil Can.



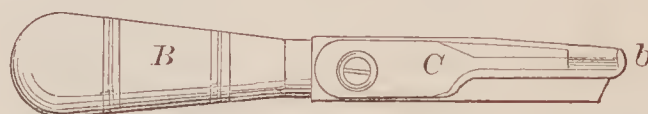
69487—C. Rogers—Horse Rake and Hay Spreader.



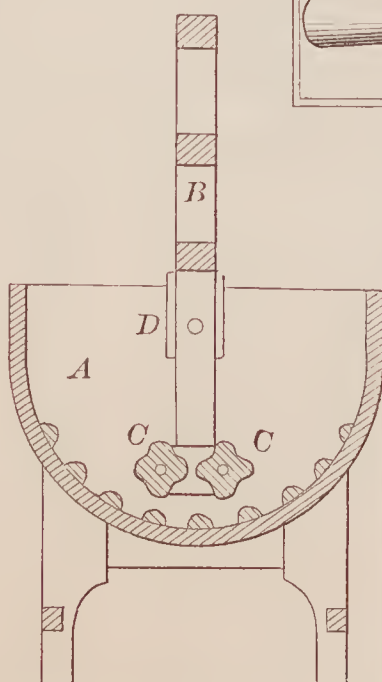
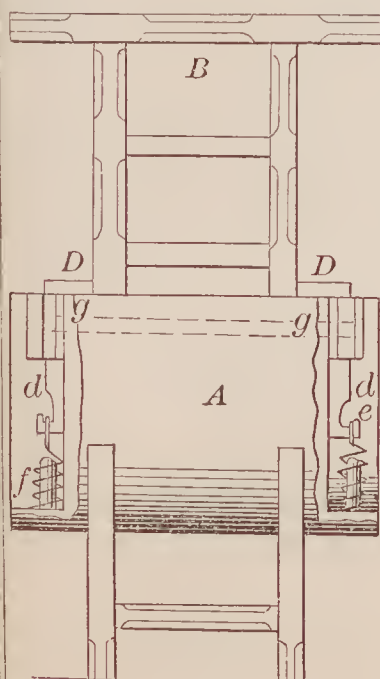
69488—A. V. Ryder—Trunk.



69490—H. Sauerbier—Shoe Knife.



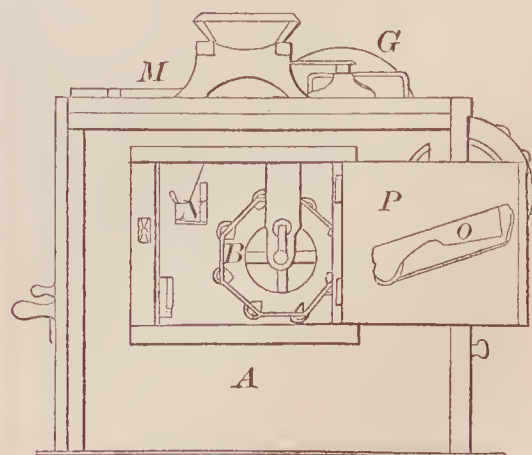
69493—J. Schermerhorn—Washing Machine.



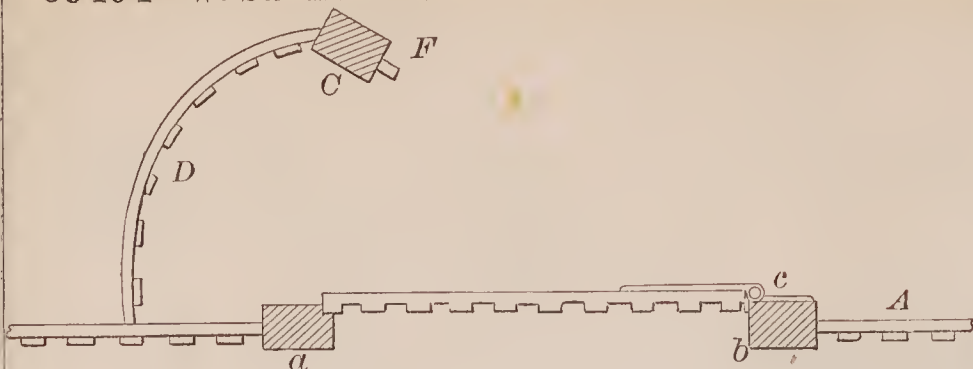
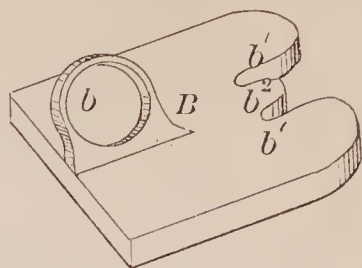
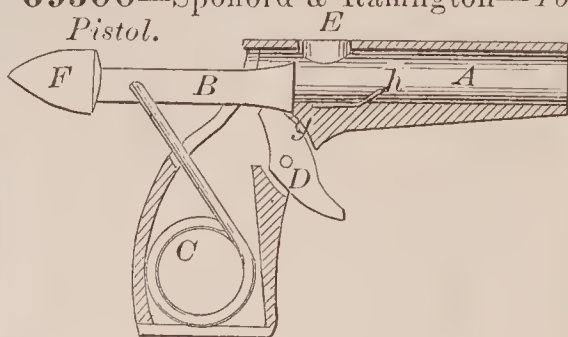
69491—H. Sauerbier—Shoe Knife.



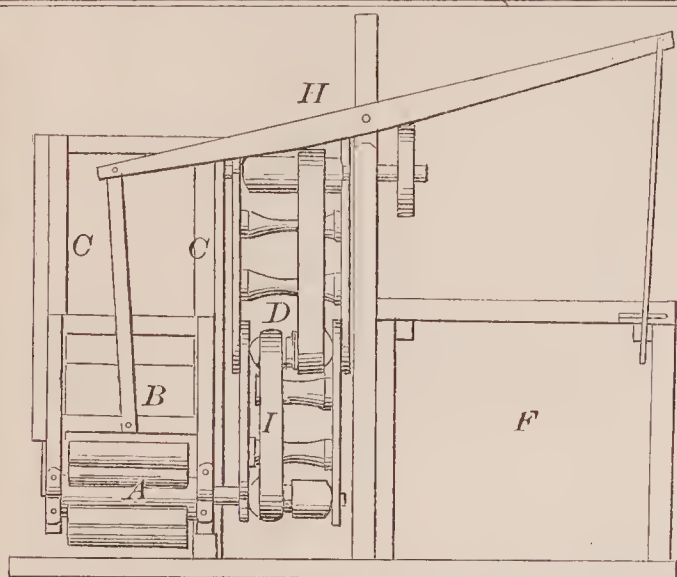
69489—J. Sattison—Grain and Seed Cleaner.



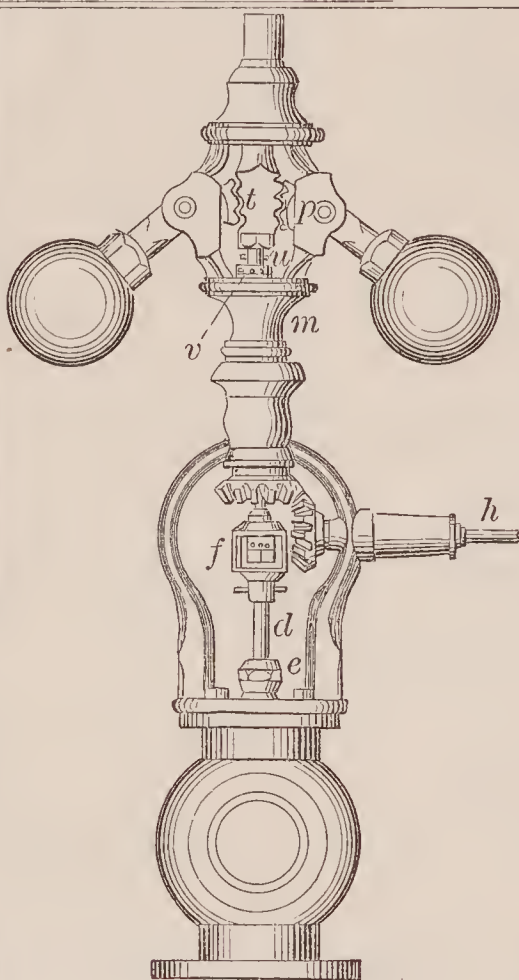
69494—W. Serviss—Gate.

69498—W. H. Sloan—
Butter Tryer.69500—Spofford & Raffington—Toy
Pistol.

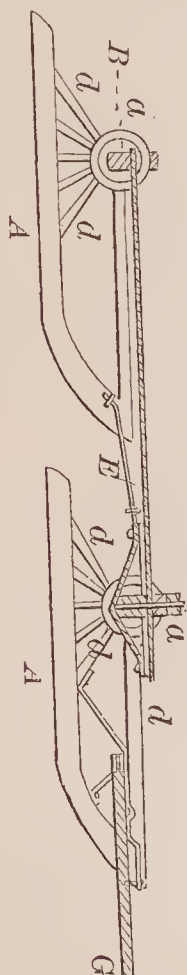
69495—S. Shive—Water Wheel.



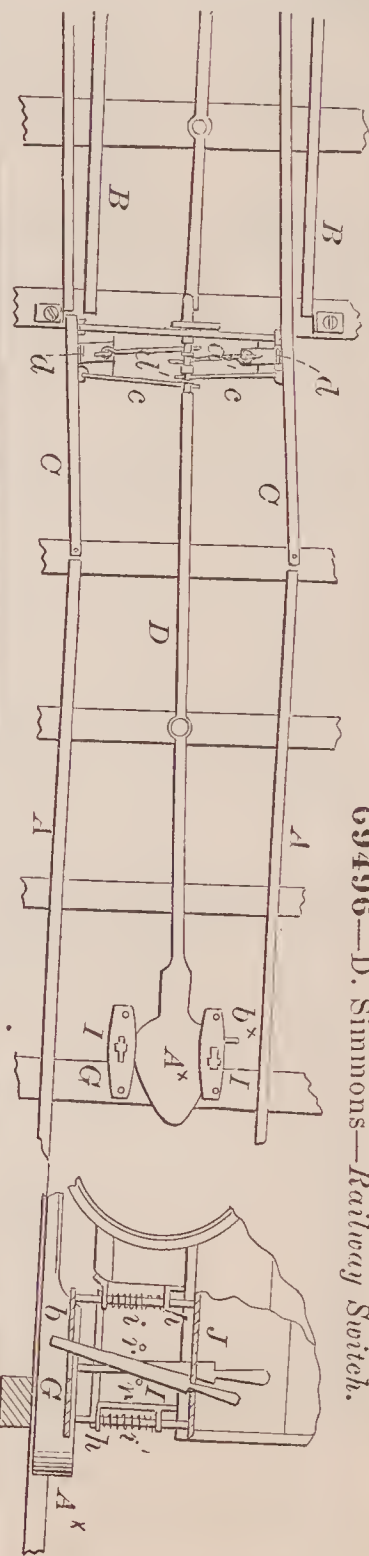
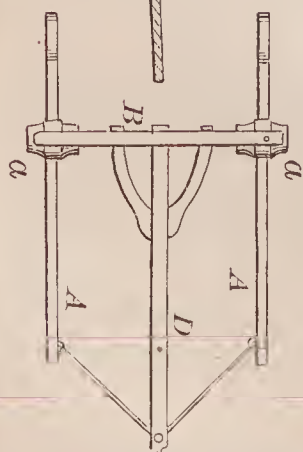
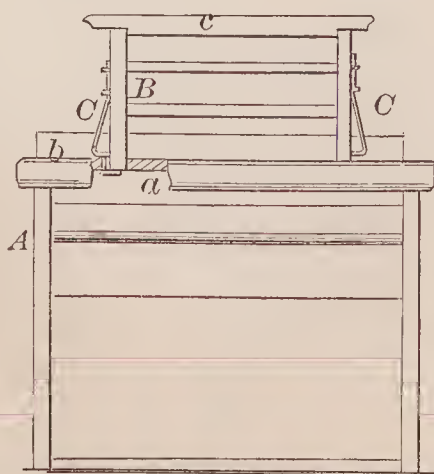
69499—H. D. Snow—Steam Governor.



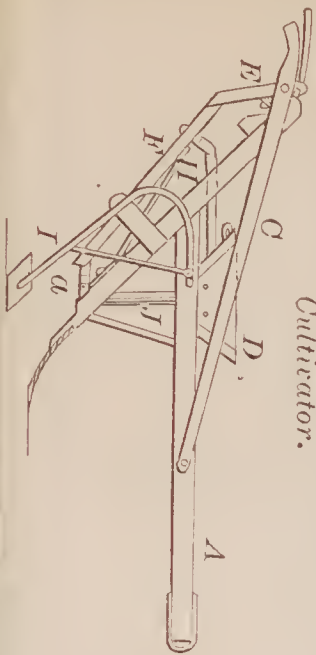
69497—L. F. Skinner—Bob Sleigh.



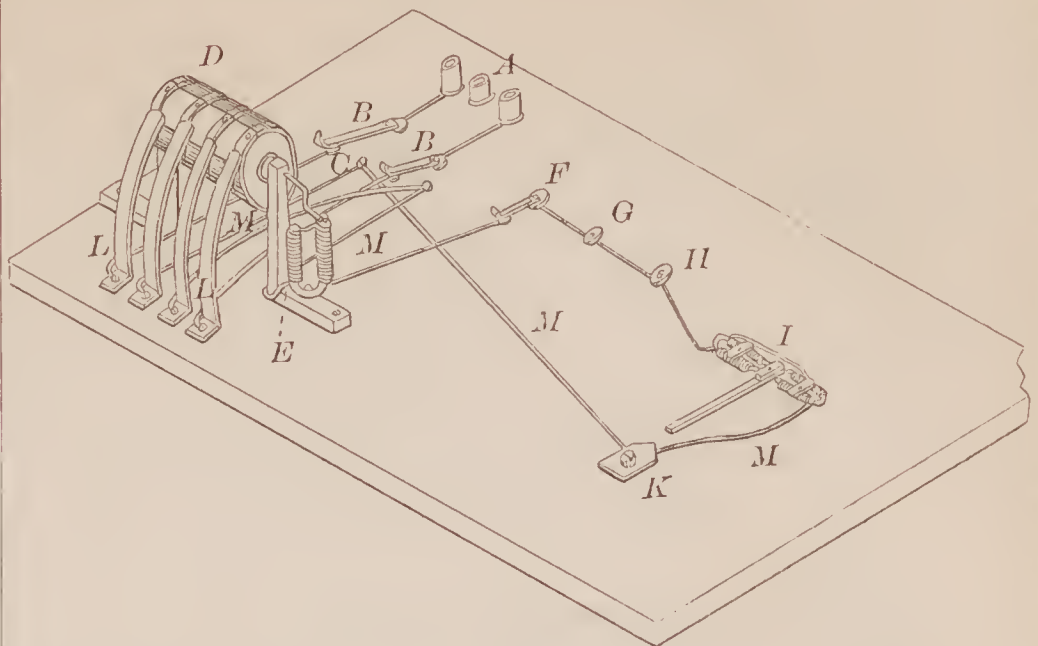
69496—D. Simmons—Railway Switch.

69501—D. I. Staggs—School Desk
Attachment.

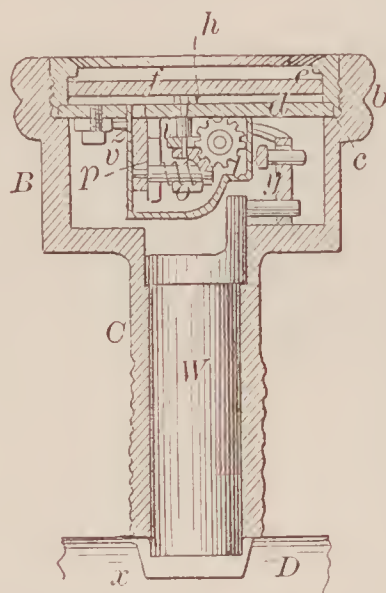
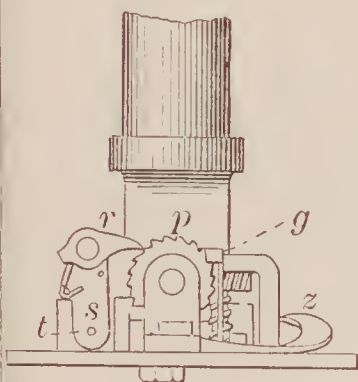
69502—Storrett & Reynolds—Corn Planter and Cultivator.



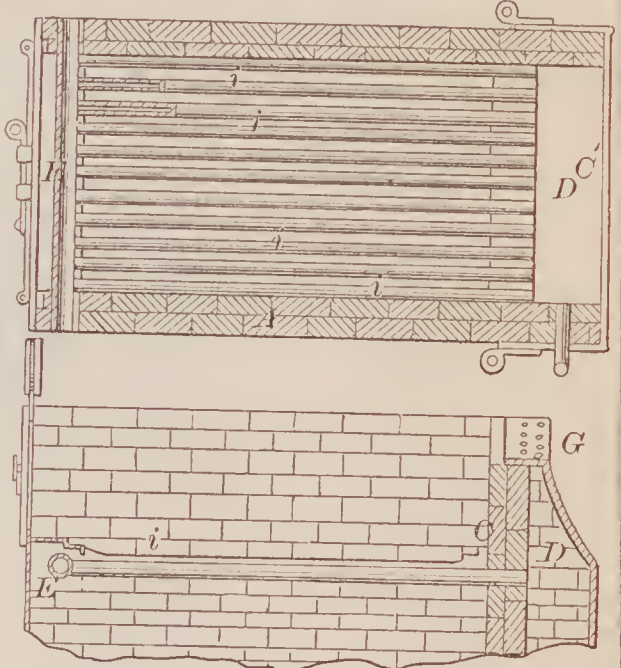
69503—J. H. Stevens—Fire Alarm Telegraph.



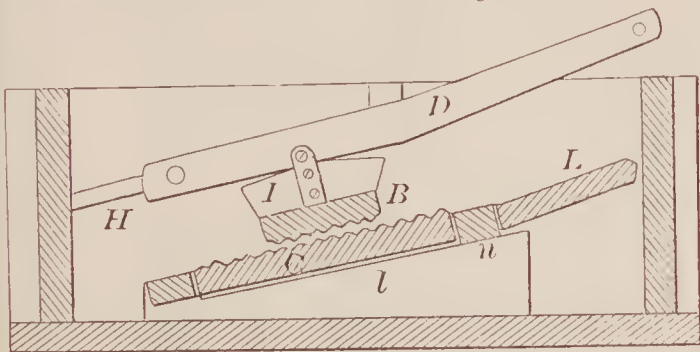
69504—Stevens & Drake—Odometer.



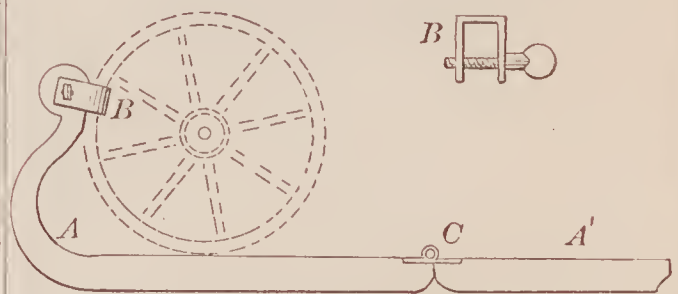
69505—W. Stevens—Furnace.



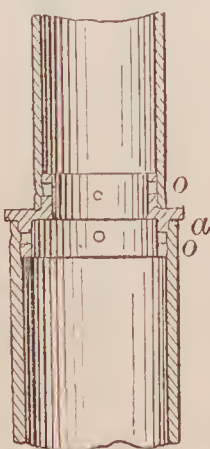
69507—T. B. Stout—Washing Machine.



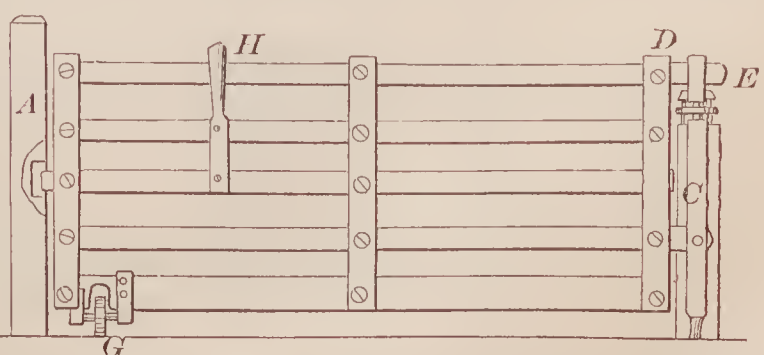
69508—W. H. Stroup—Sleigh Runner.

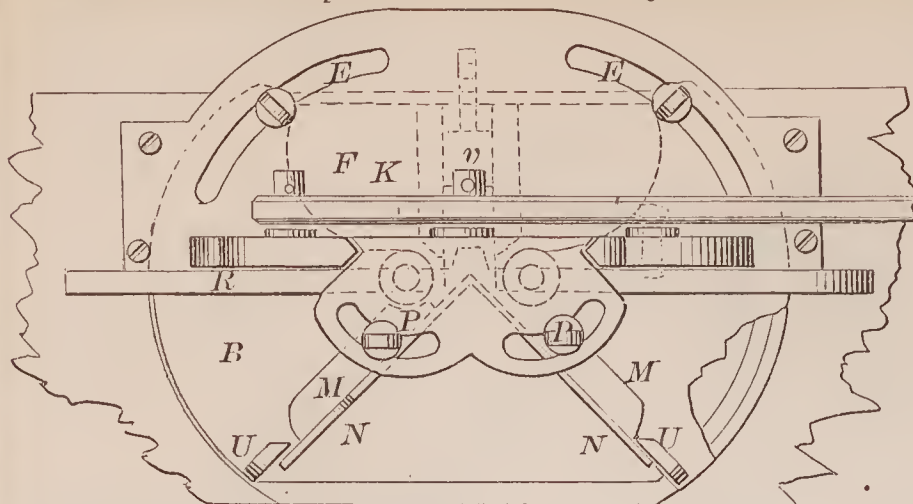
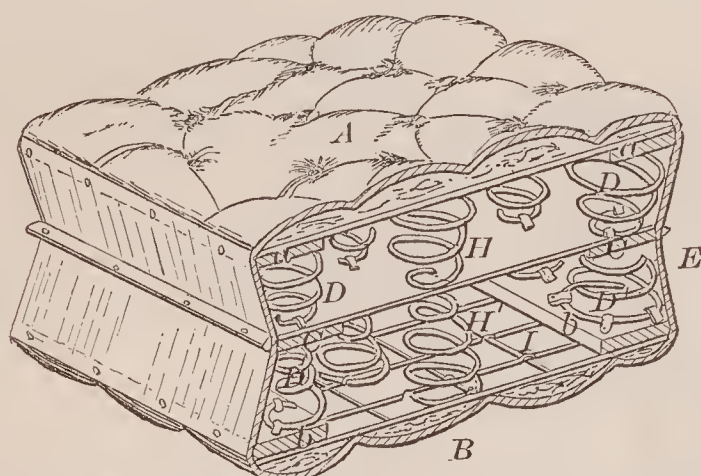
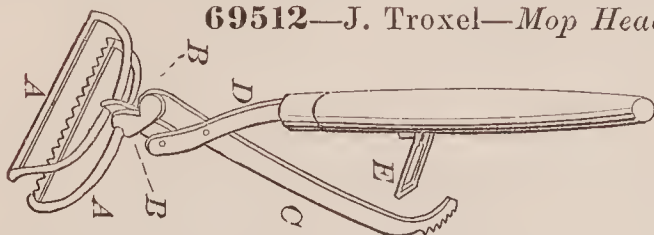
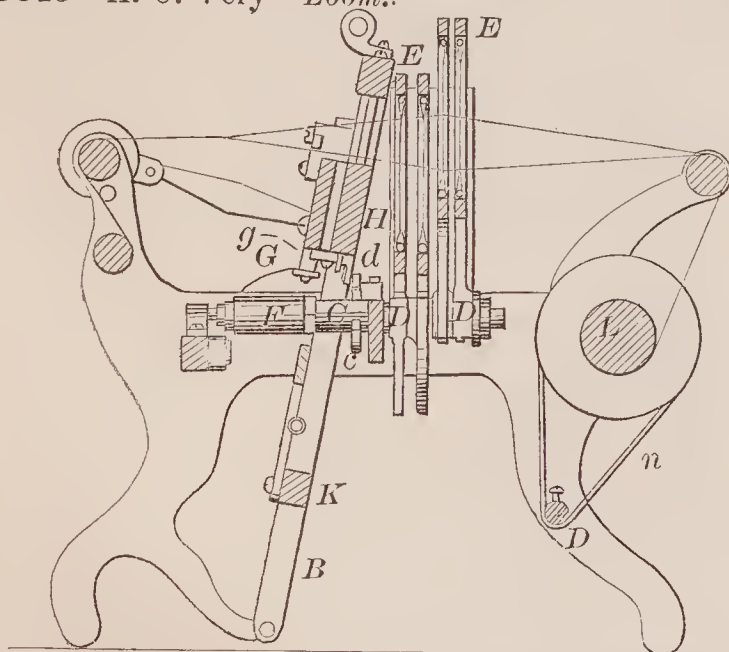
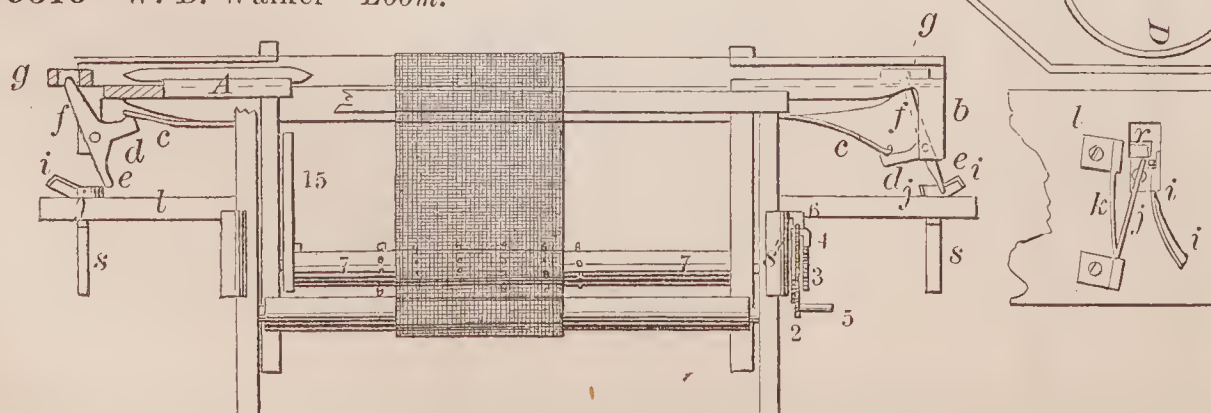
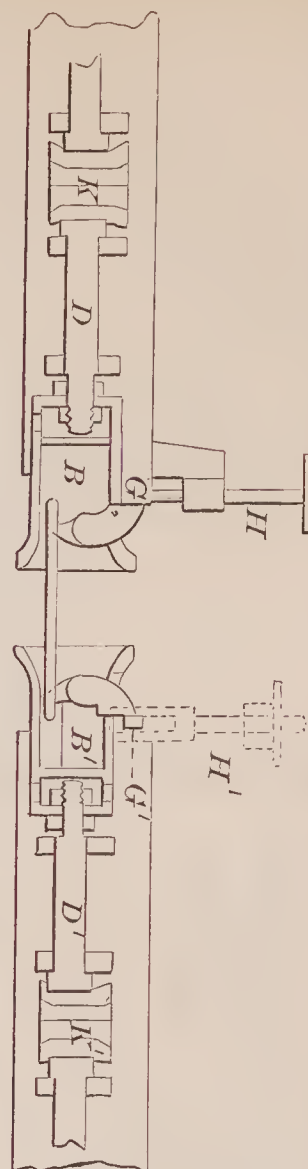
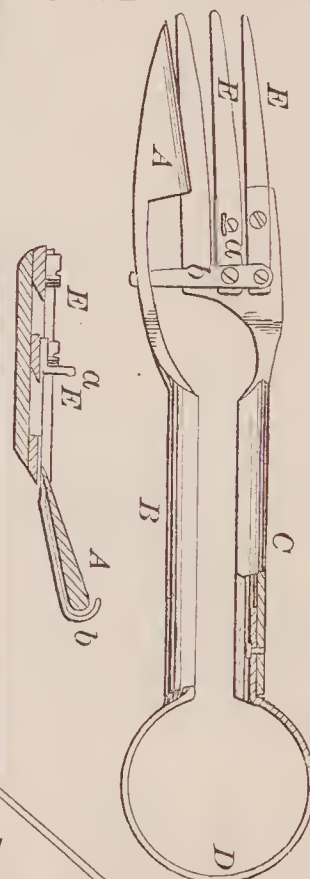


69506—W. Stine—Stove Pipe Joint.

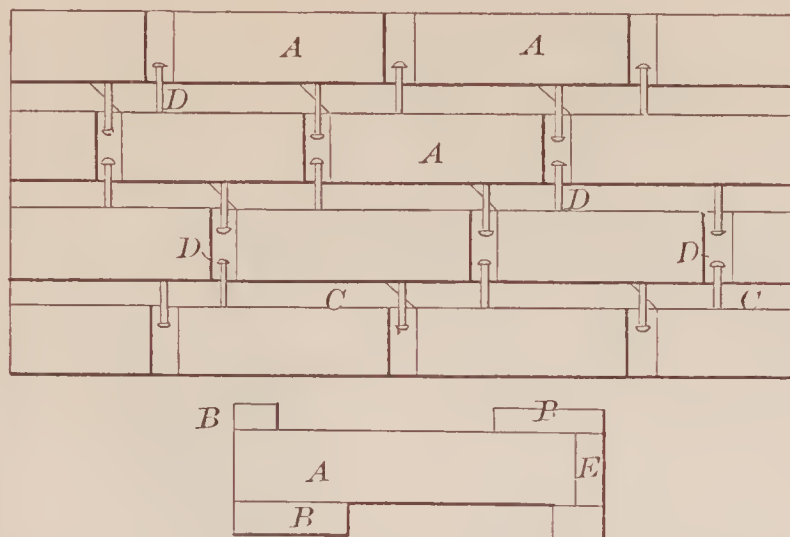


69509—A. Tandy—Gate.

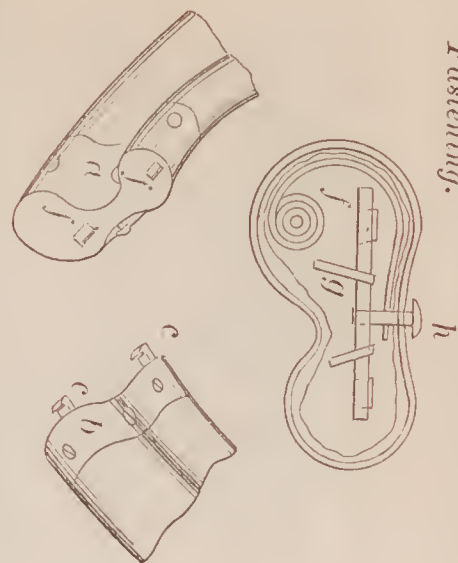


69510—R. F. Tompkins—*Wood Mitering Machine.*69512—J. Troxel—*Mop Head.*69514—C. Van Dyck—*Spring Bed.*69515—A. O. Very—*Loom.*69516—W. B. Walker—*Loom.*69511—J. Trent—*Car Coupling.*69513—E. Van Doren—*Sheep Shears.*

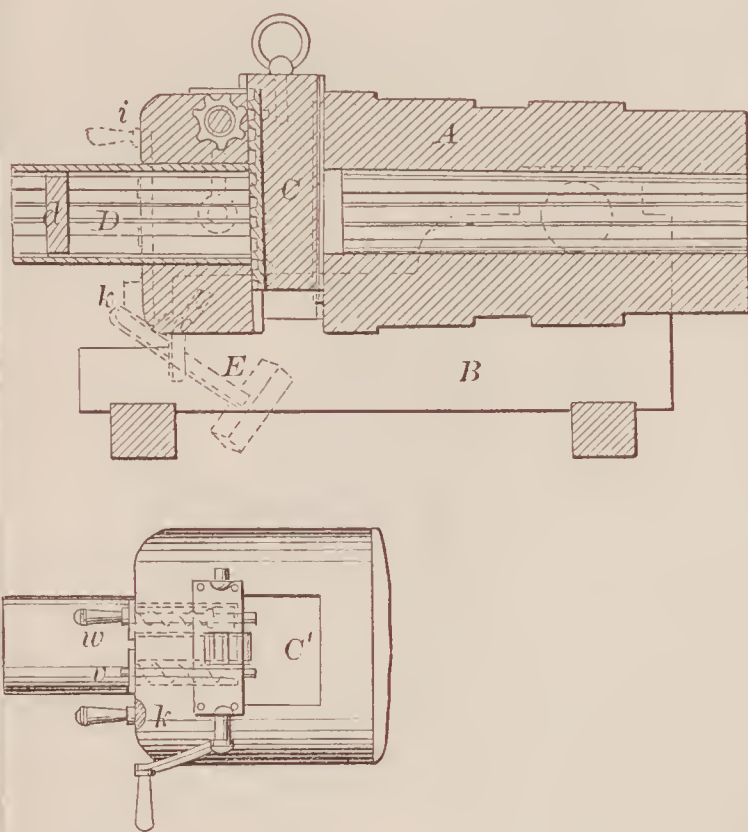
69517—C. G. Waterbury—*Wooden Pavement.*



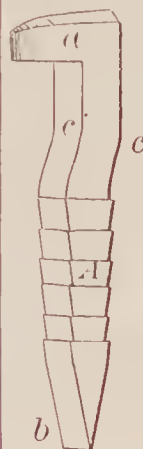
69520—D. C. Westfall—*Horse Collar Fastening.*



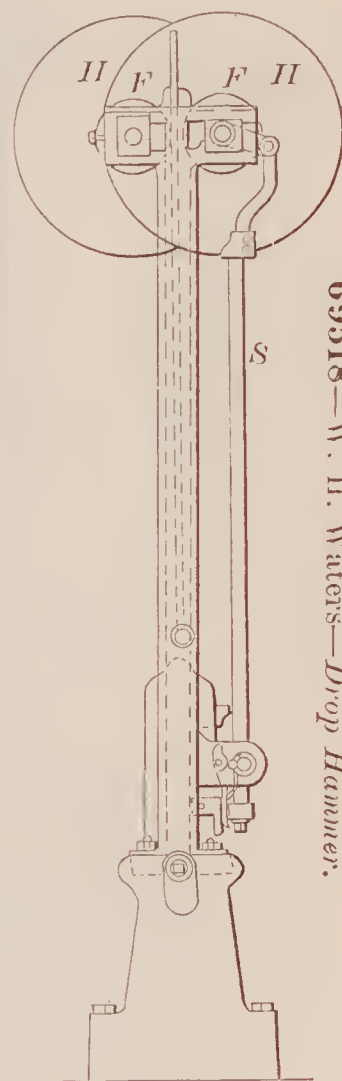
69519—A. Weeks—*Breech-Loading Ordnance.*



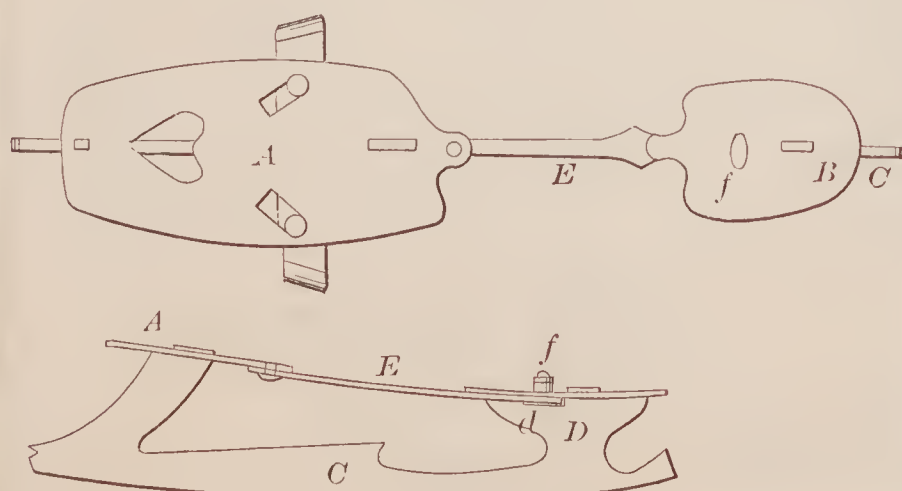
69521—J. A. Whitney—*Spike.*



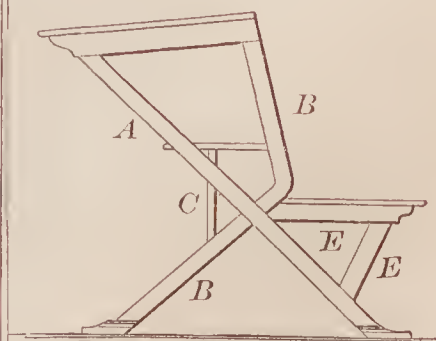
69518—W. H. Waters—*Drop Hammer.*



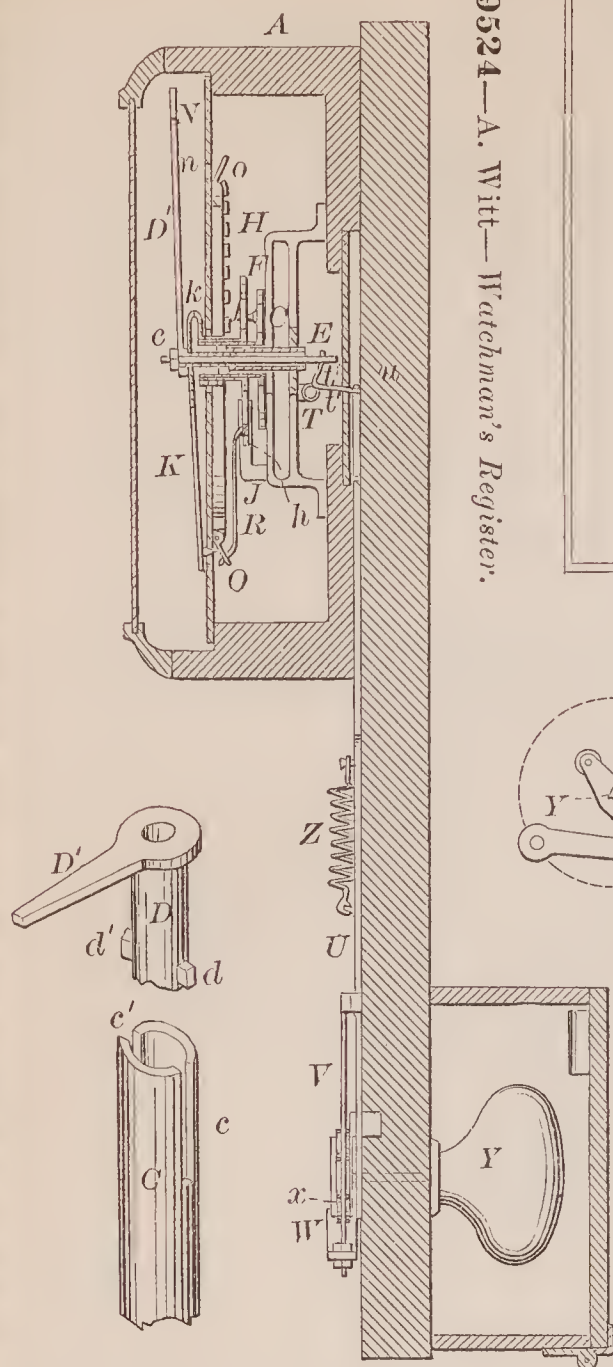
69522—Wichelhaus & Rothe—*Skate.*



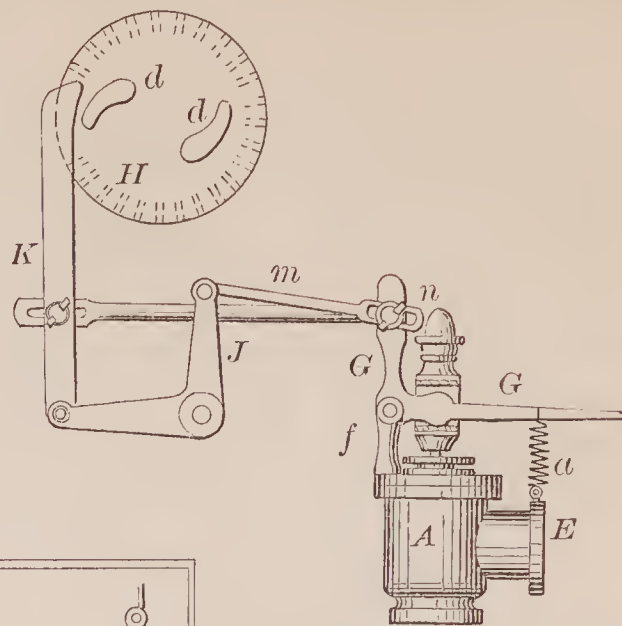
69523—D. C. Wilson—*School Desk and Seat.*



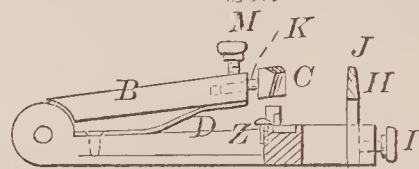
69524—A. Witt—Watchman's Register.



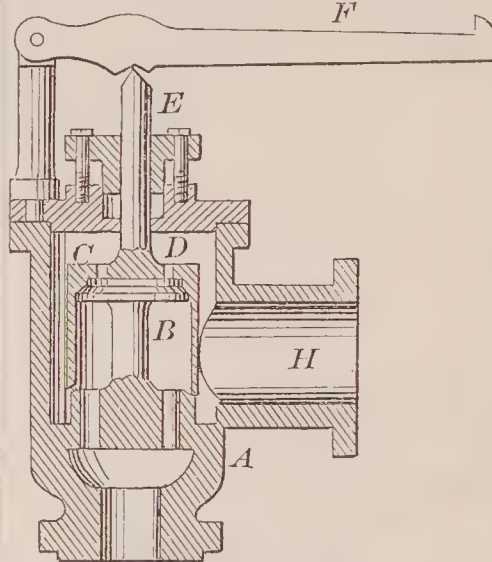
69526—Wrigley & Smith—Cut-off Valve Gear.



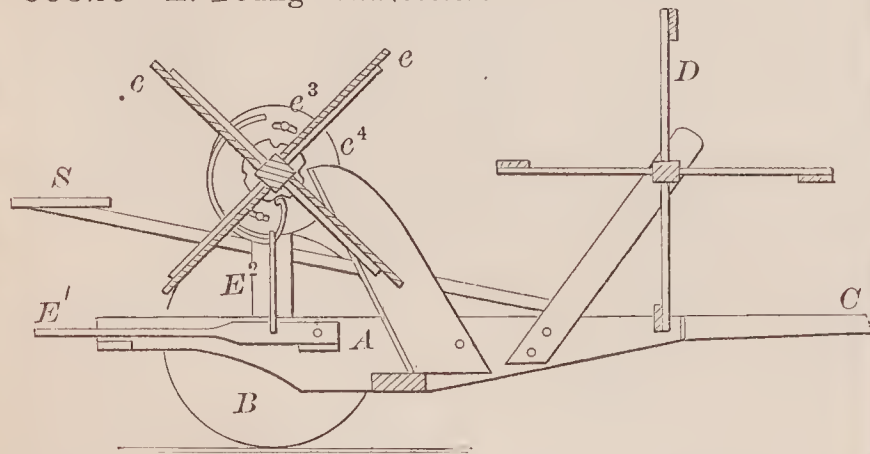
69525—J. C. Woodward—Saw Set.



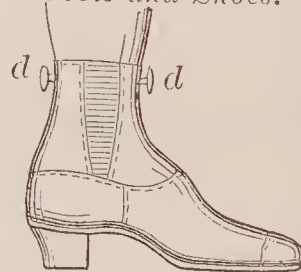
69527—Wrigley & Smith—Steam Safety Valve.



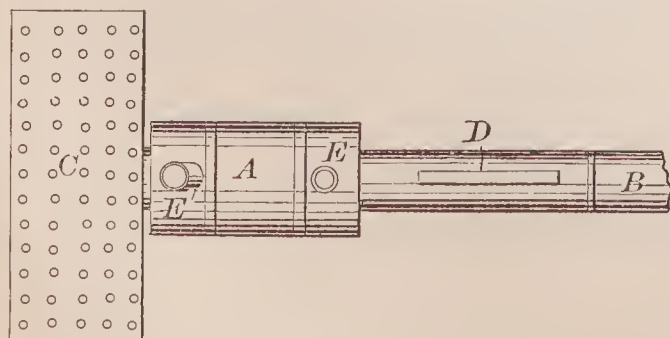
69529—E. Young—Harvester.



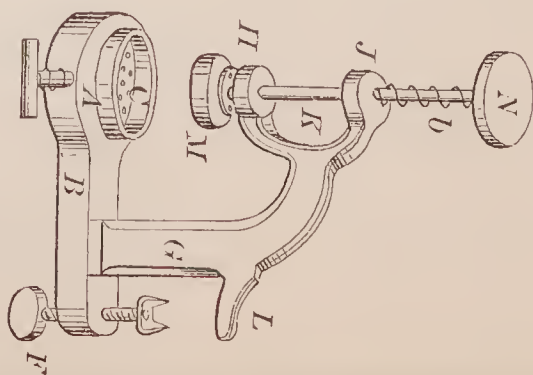
69528—B. C. Young—Boots and Shoes.



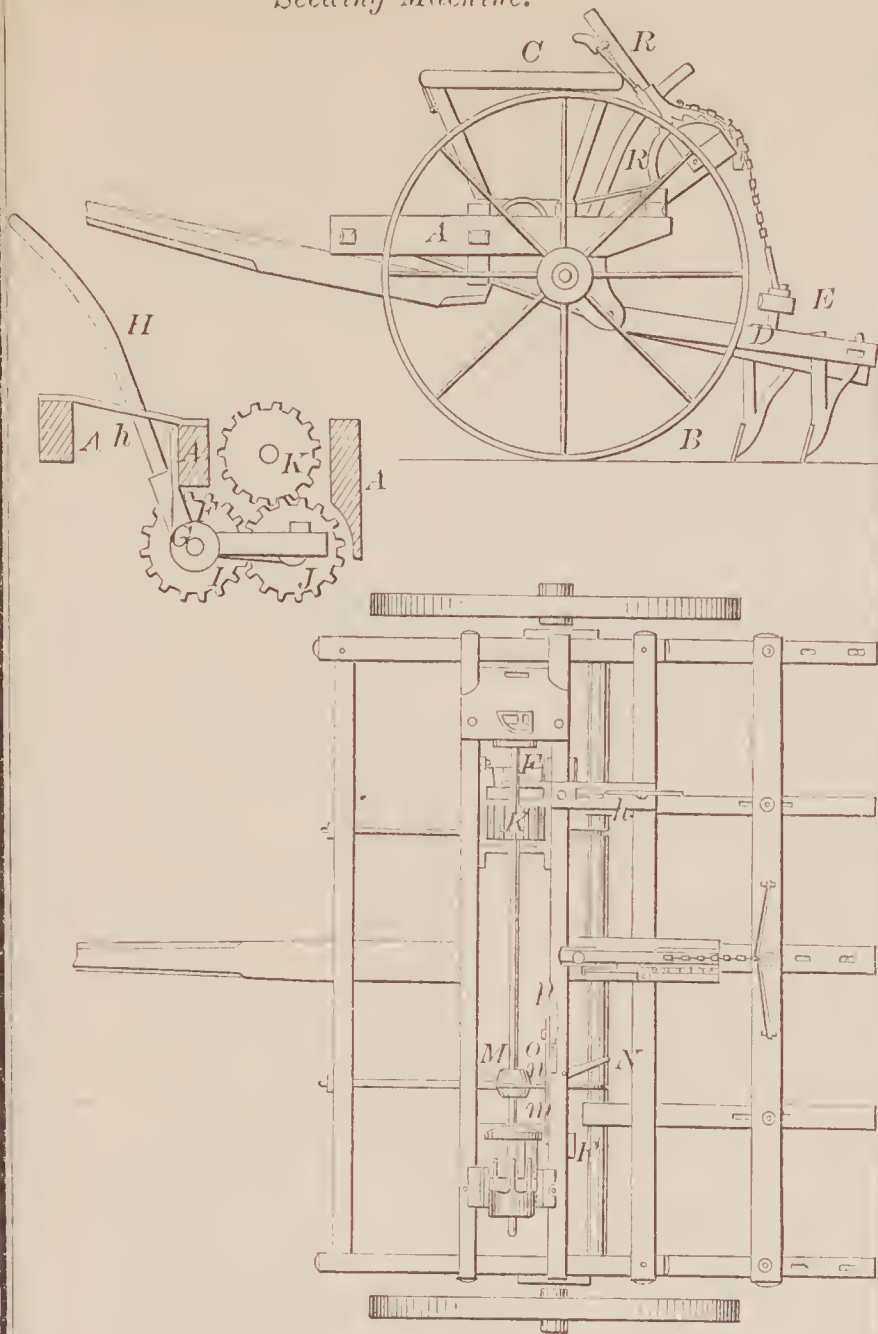
69530—J. W. Adams—Grain Dryer.



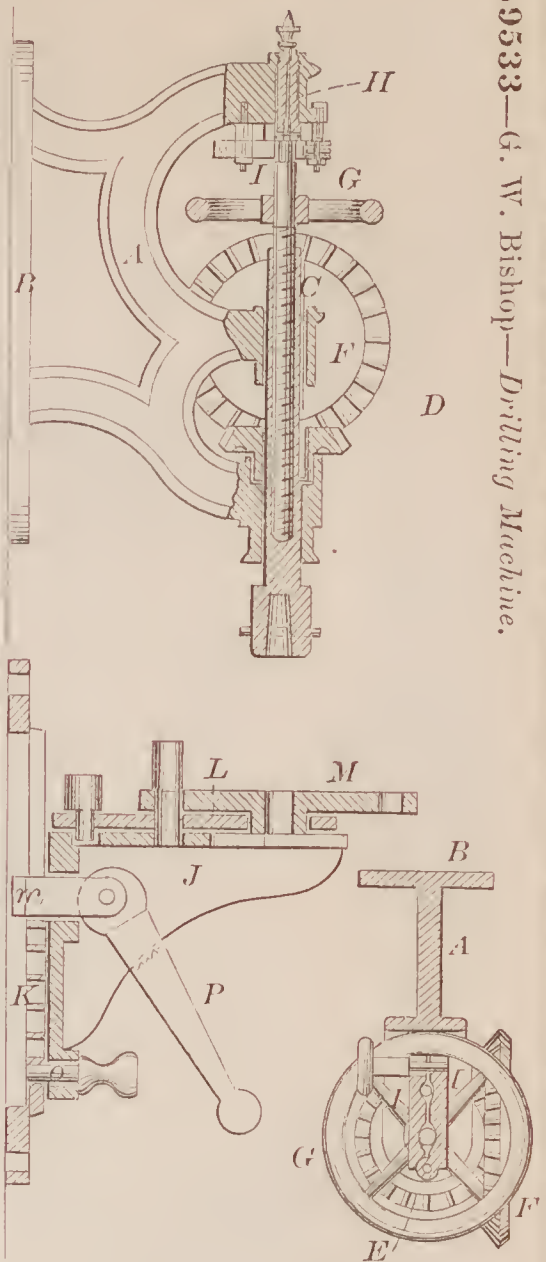
69531—A. Barbarin—Lemon Squeezer.



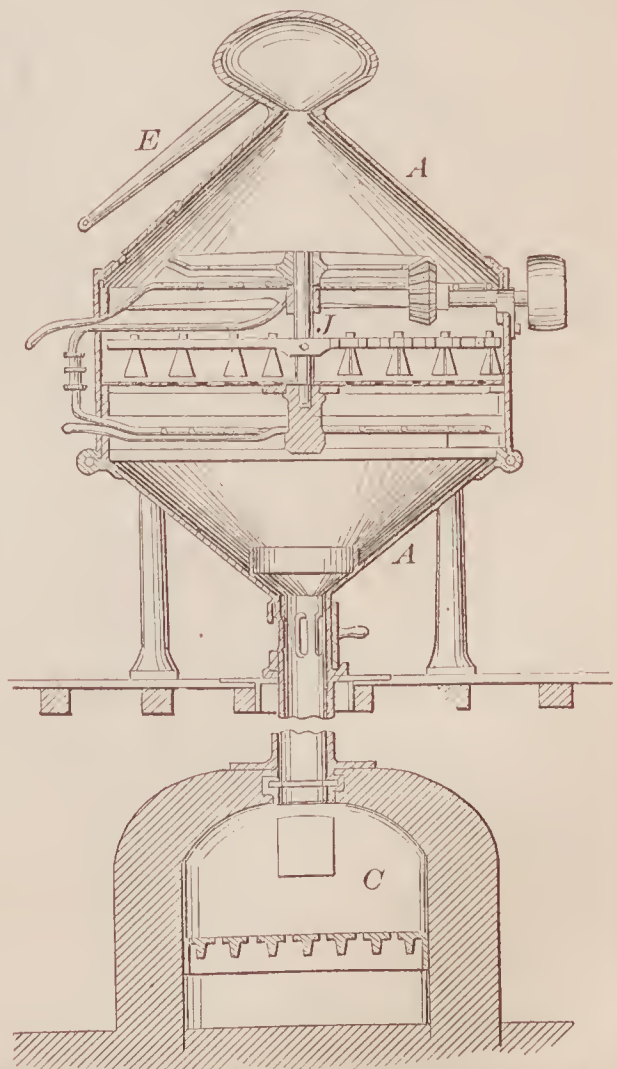
69532—Barber & D. C. & G. W. Van Brunt—
Seeding Machine.



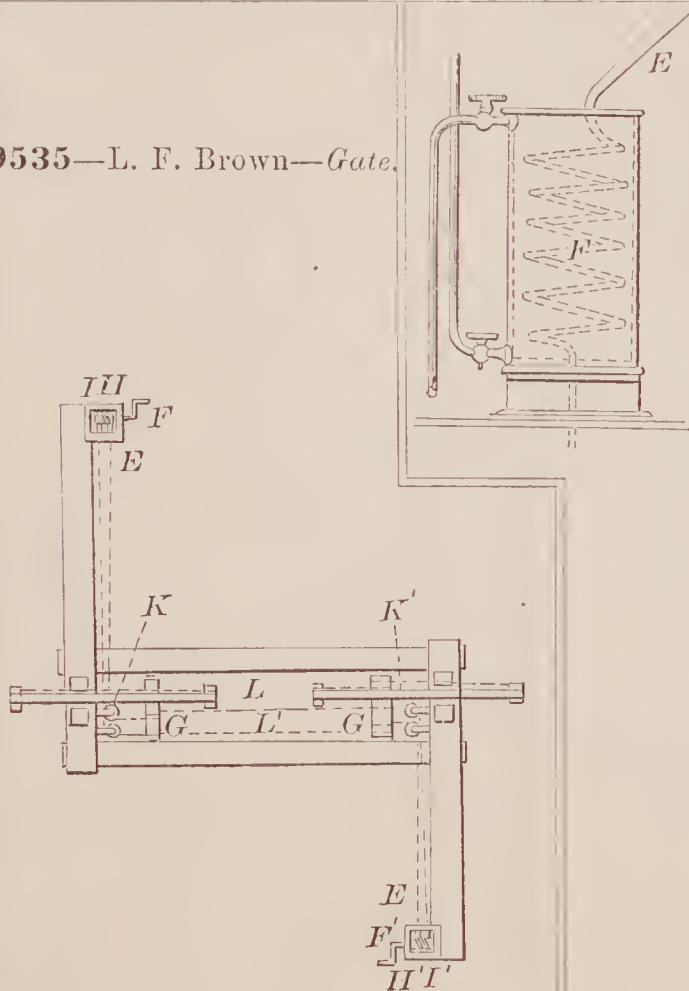
69533—G. W. Bishop—*Drilling Machine.*



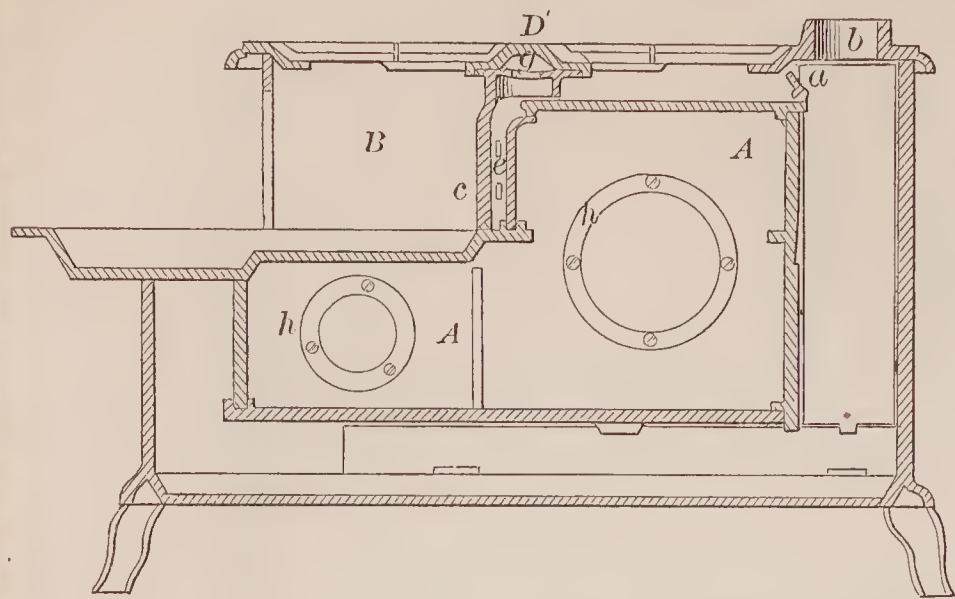
69534—W. Blakey—*Malt Kiln.*



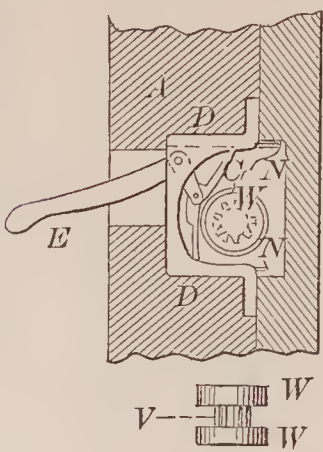
69535—L. F. Brown—*Gate.*



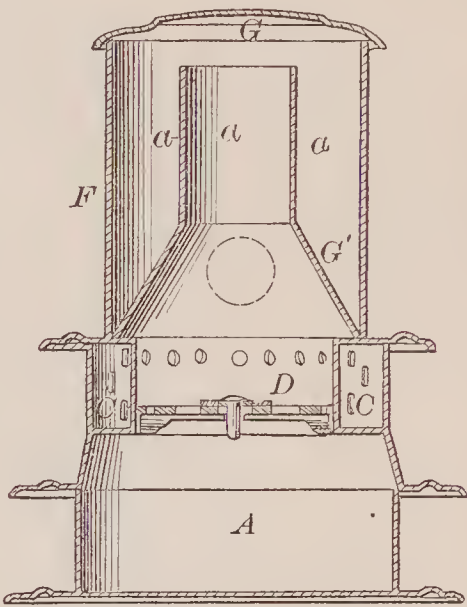
69536—C. H. Buck—*Cooking Stove.*



69540—F. P. Canfield—*Sash Lock and Support.*



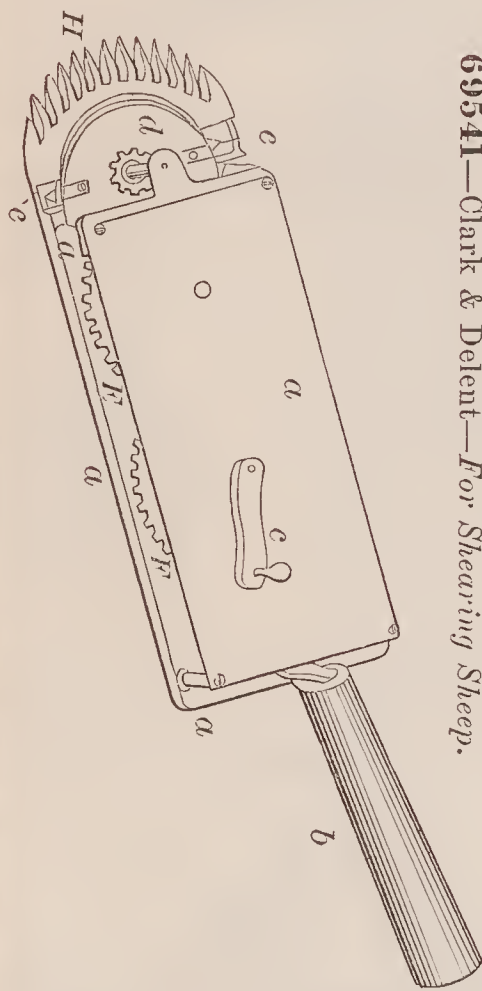
69537—C. H. Buck—*Heating Stove.*



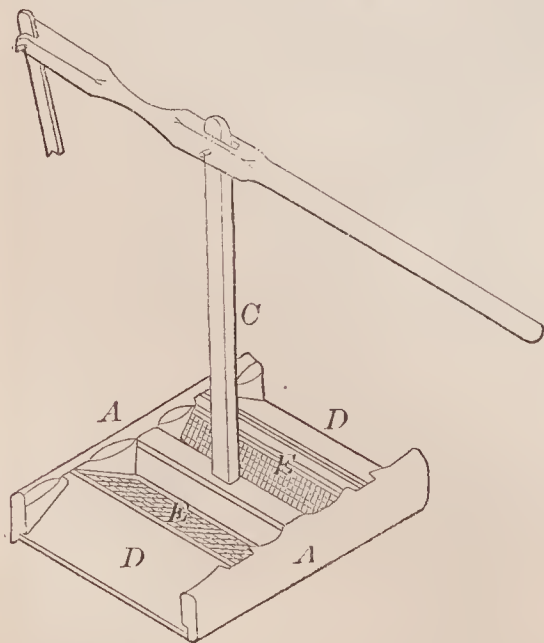
69539—F. Böhle—*Paper File.*



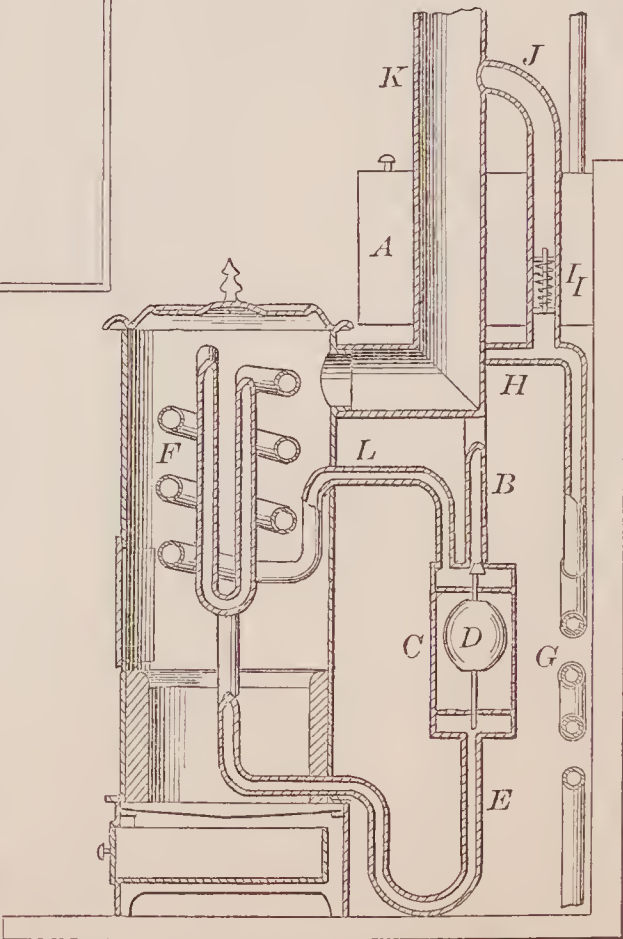
69541—Clark & Delent—*For Shearing Sheep.*



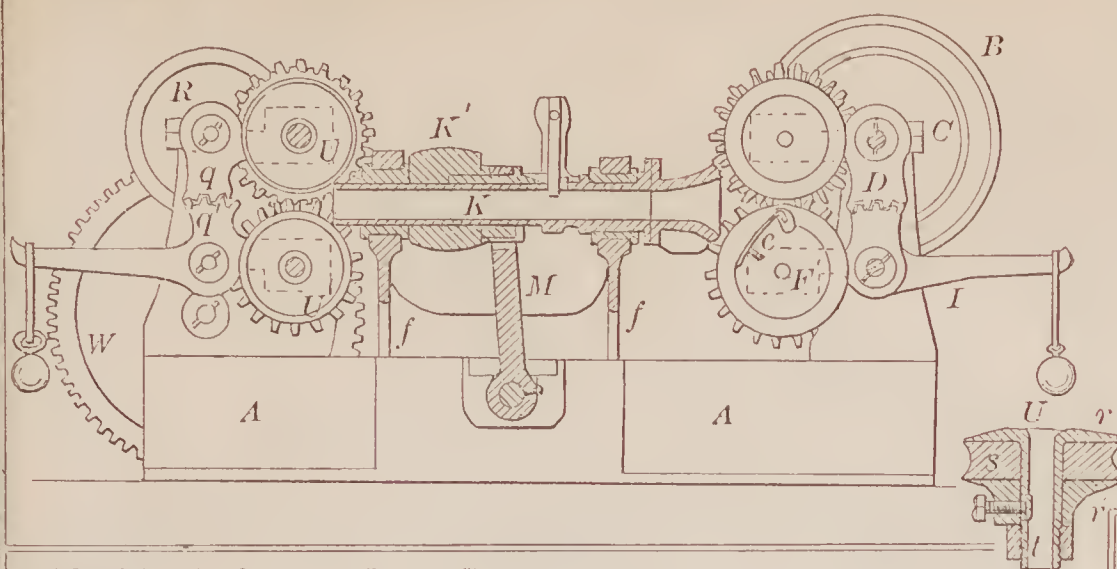
69538—T. W. Buck—*Churn.*



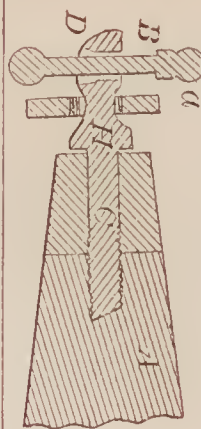
69542—E. B., J. S. & W. S. Clark—*Steam Heater.*



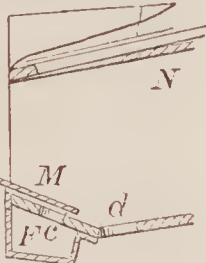
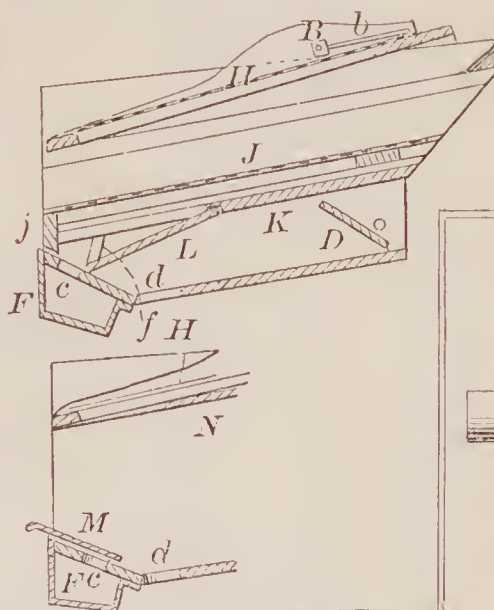
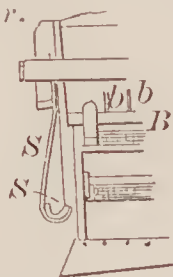
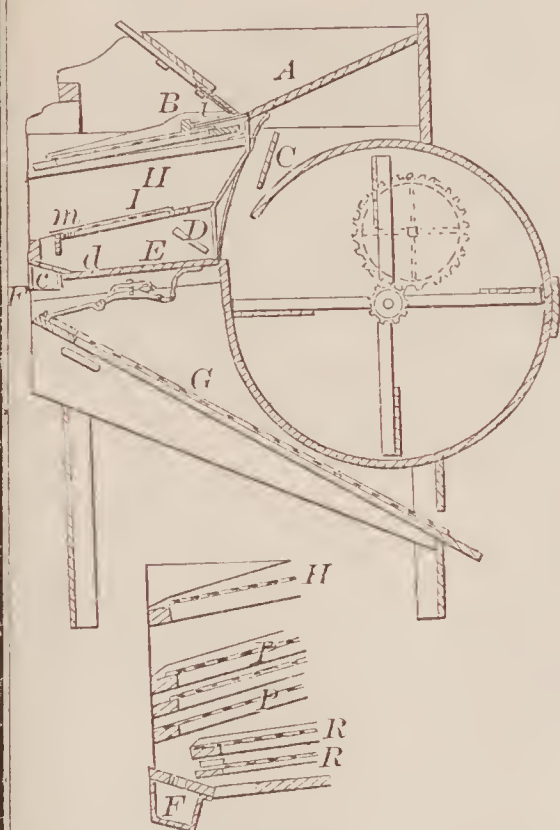
69543—H. T. Clay—Wood Lathe.



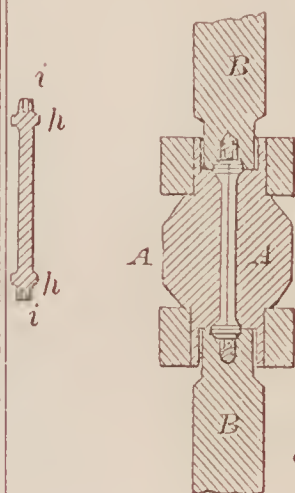
69546—D. W. De Forest—
Trace Fastening.



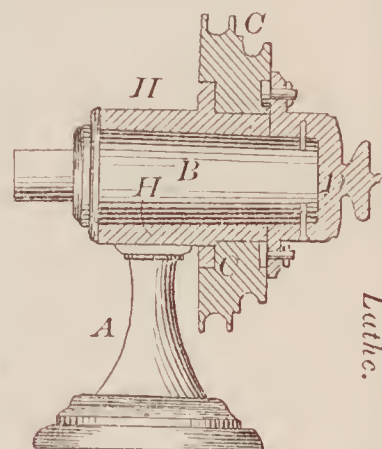
69545—A. Curtis—Grain Separator.



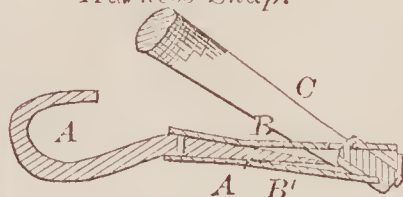
69547—V. Draper—Watch Key.



69544—F. W. Coy—Turning
Lathe.



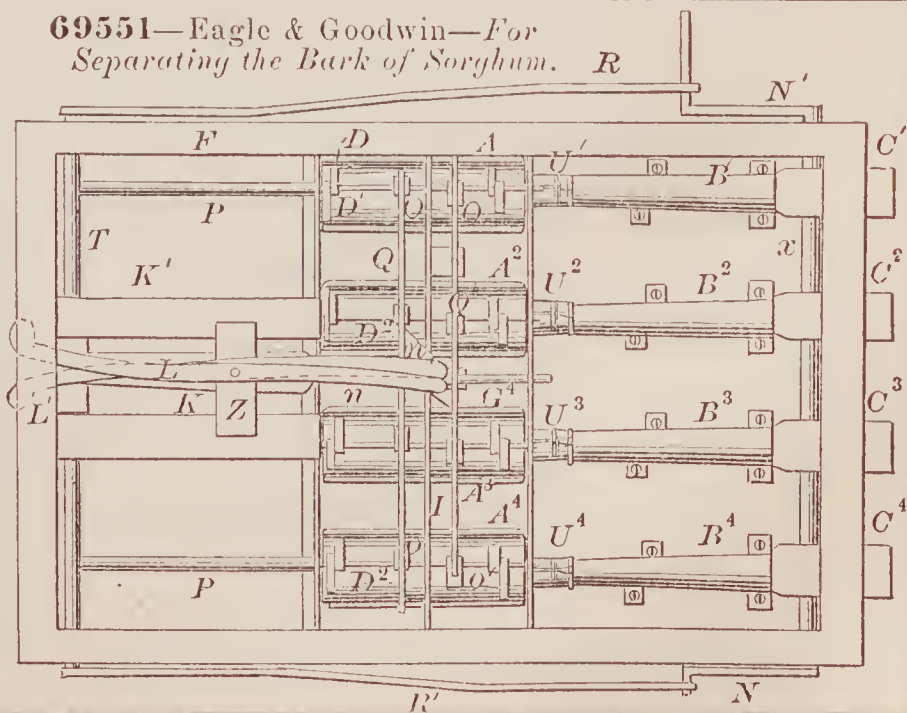
69549—G. B. Durkee—
Harness Snap.



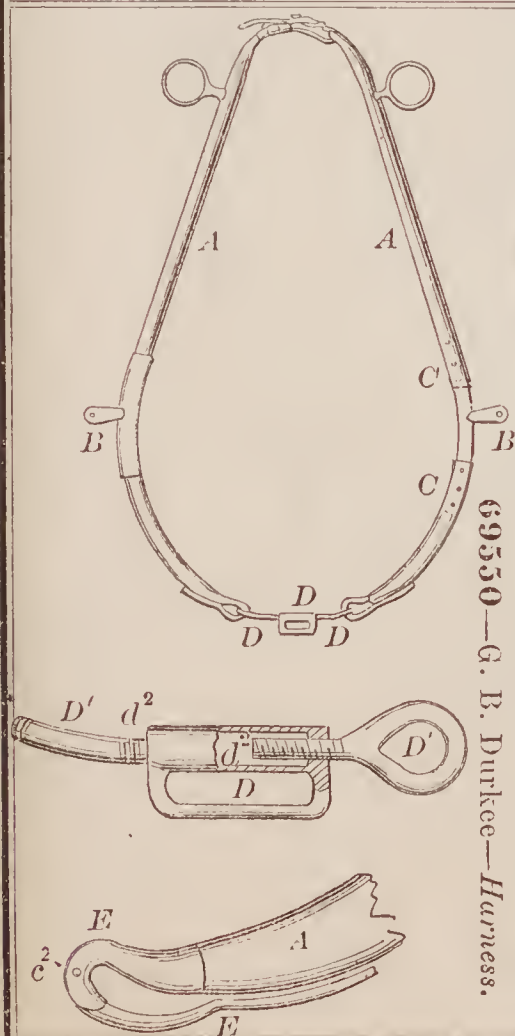
69548—G. B. Durkee—
Harness Snap.



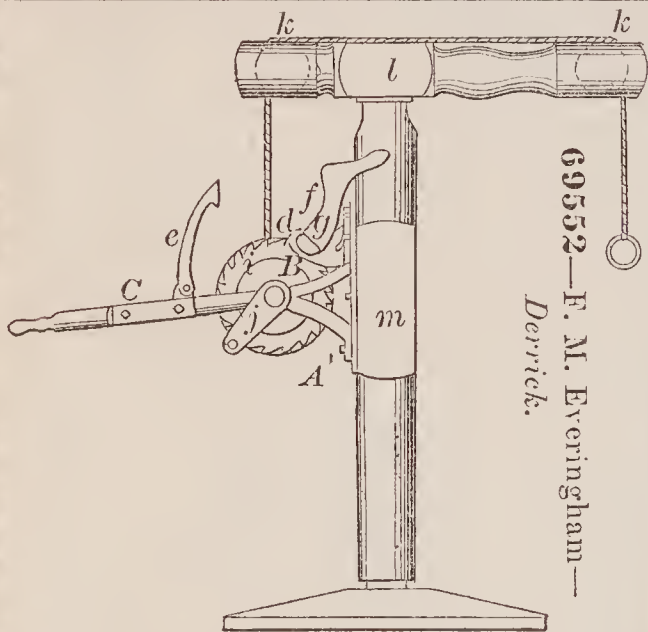
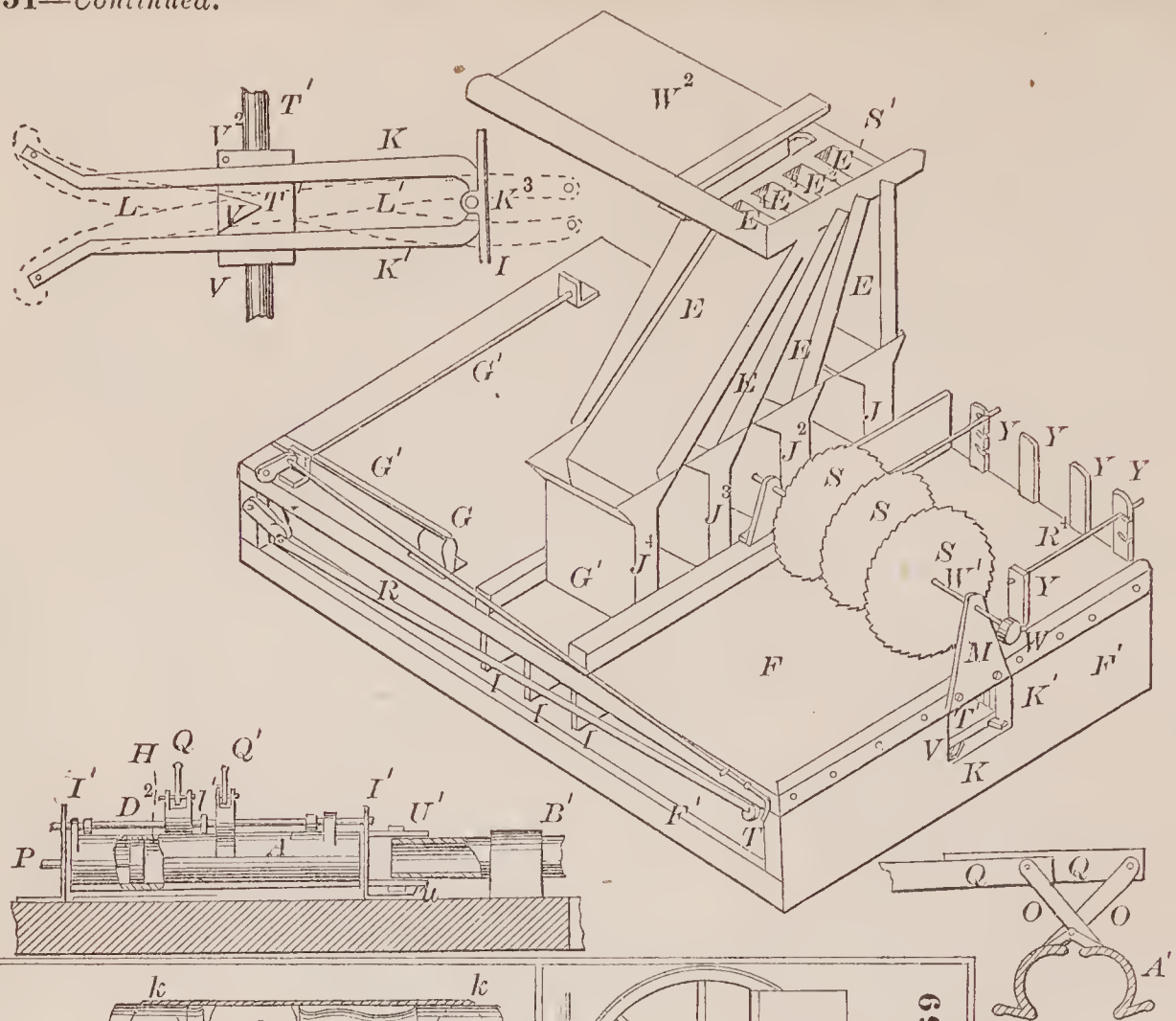
69551—Eagle & Goodwin—For
Separating the Bark of Sorghum. R



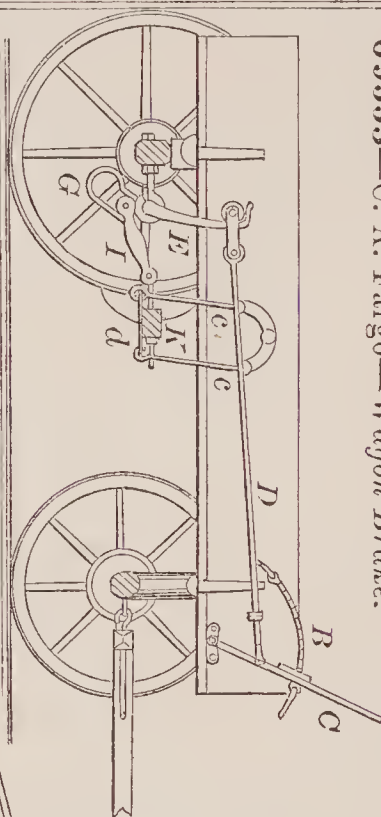
69550—G. B. Durkee—Harness.



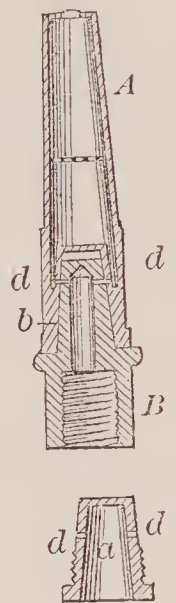
69551—Continued.



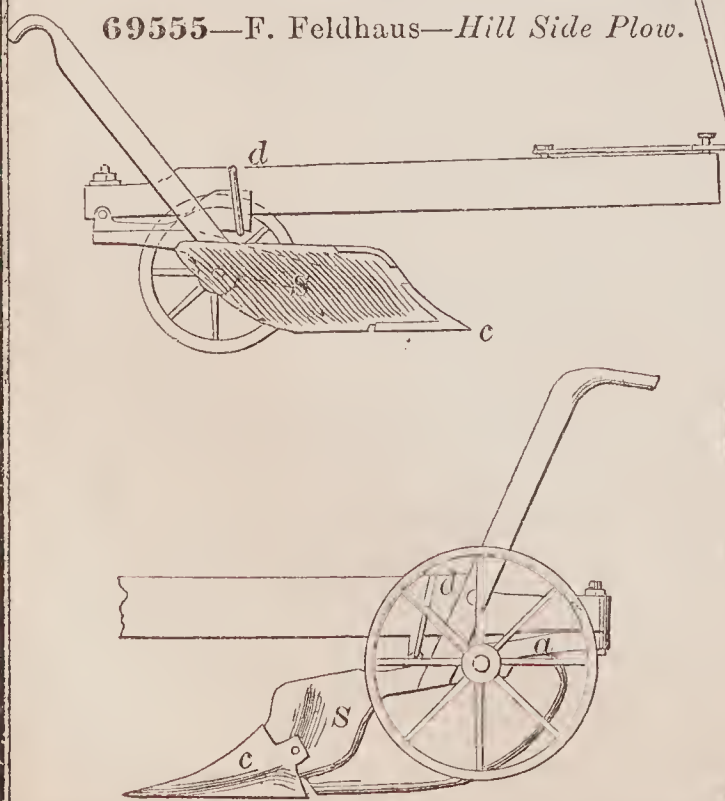
69552—F. M. Everingham—
Derrick.



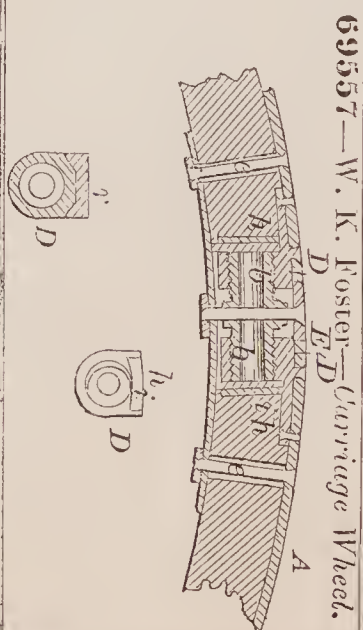
69553—C. A. Fargo—*Wagon Brake.*



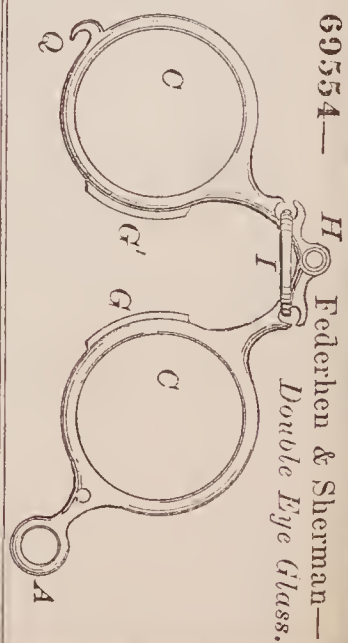
69556—J. S. Ford—*Gas Burner*.



69555—F. Feldhaus—*Hill Side Plow.*

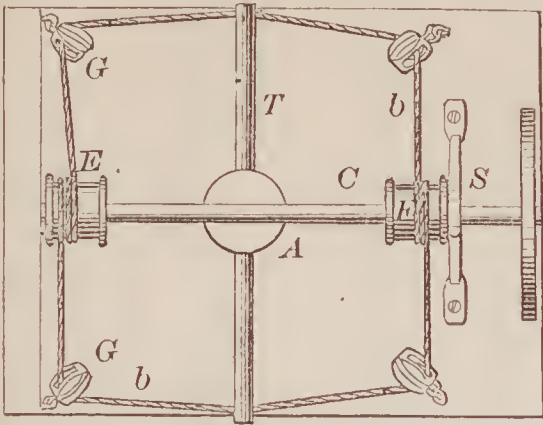


69557—W. K. Foster—Curriage Wheel.

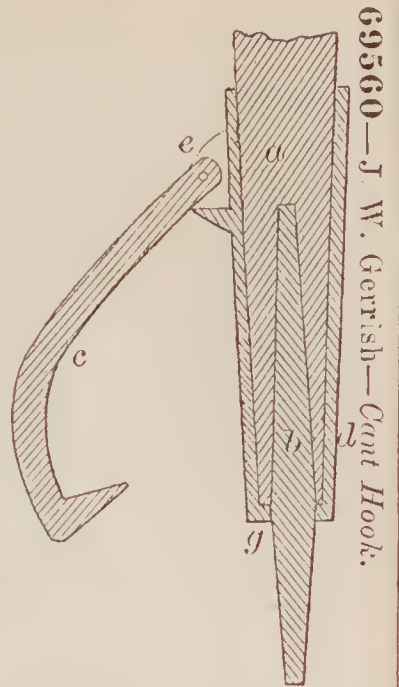
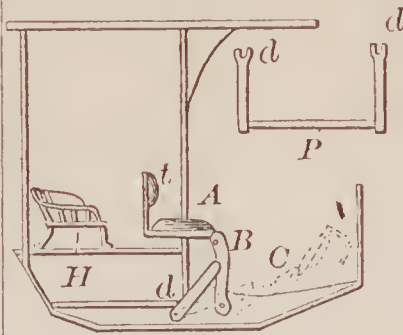


69554—*H* Federhen & Sherman—
Double Eye Glass.

69558—W. H. Foster—*Steering Apparatus.*

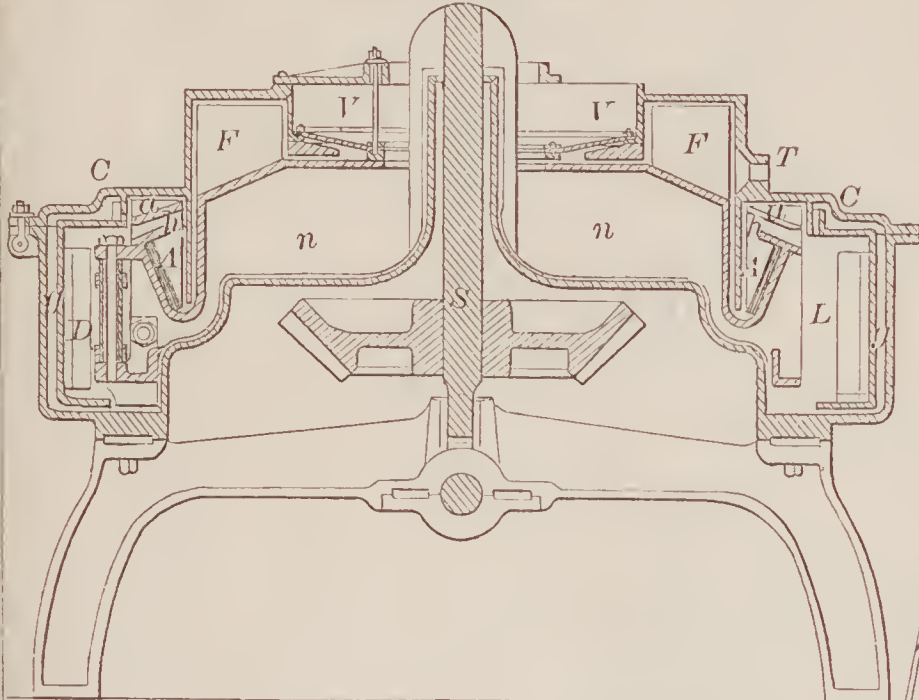


69559—Gale, Ames & Blaisdale—*Carriage.*

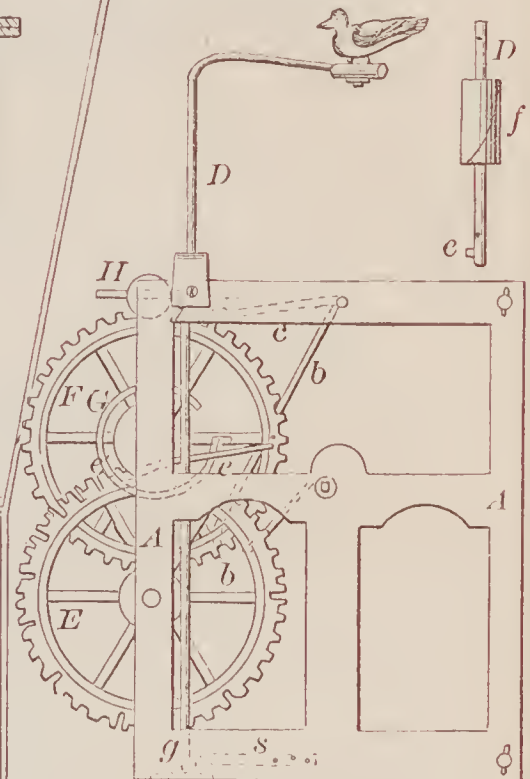


69560—J. W. Gerrish—*Cant Hook.*

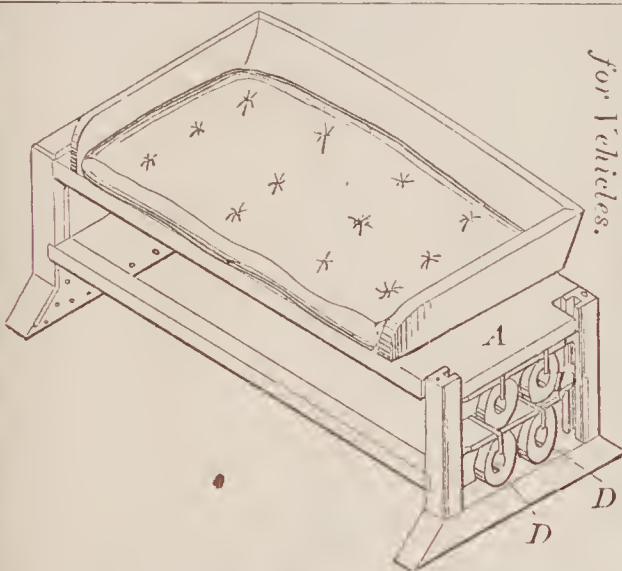
69564—F. G. Hesse—*Amalgamator.*



69561—C. K. Giles—*Cuckoo Clock.*



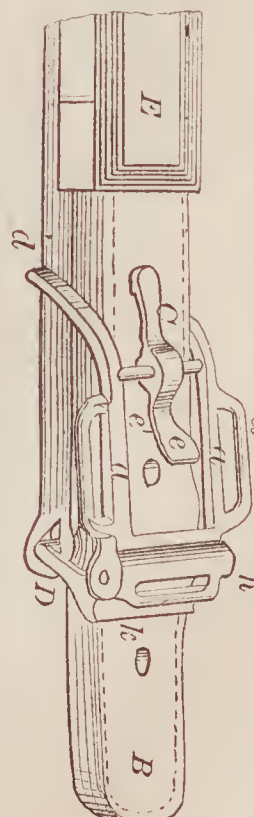
69565—W. Hughes—*Spring Seat for Vehicles.*



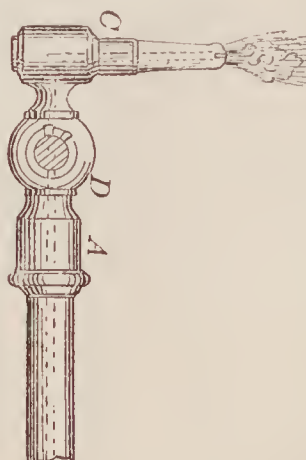
69563—A. Herde—*Extracting Bungs from Barrels.*



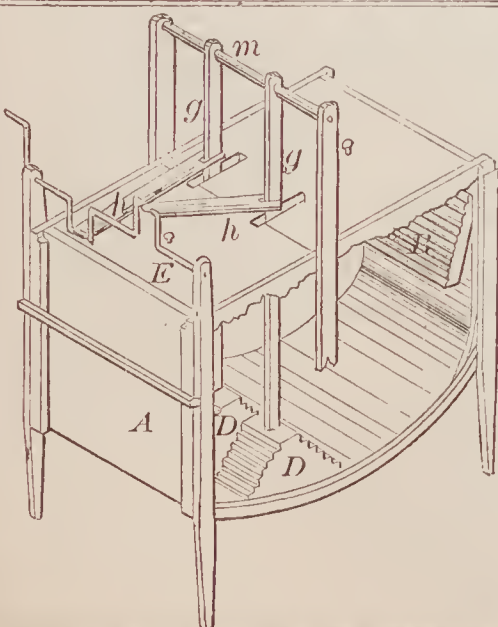
69562—W. B. Hayden—*Trace Buckle.*



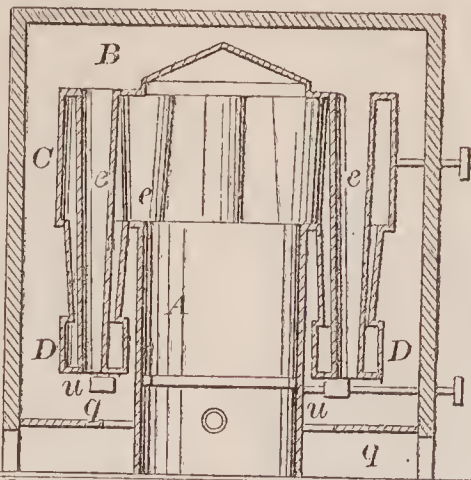
69566—C. B. Littlefield—*Gas Cock.*



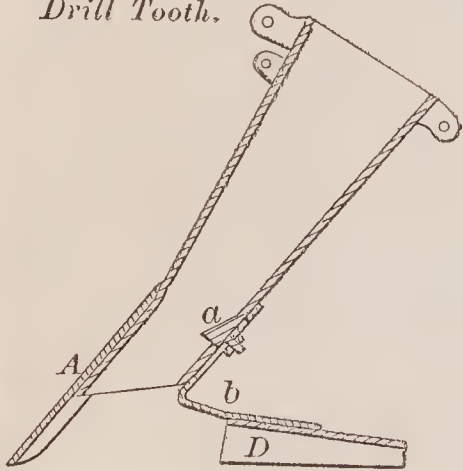
69567—S. Lockwood—*Washing Machine.*



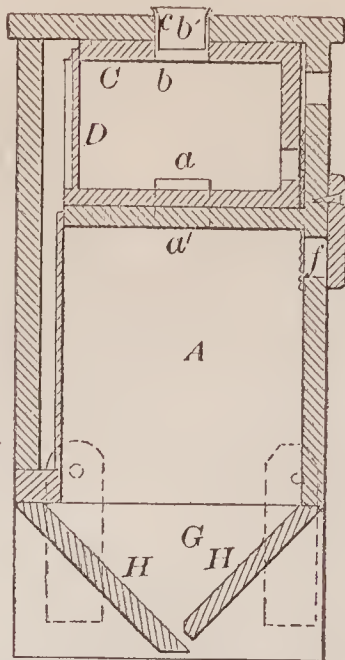
69568—M. F. Magliocco—*Heating Furnace.*



69571—D. E. McSherry—*Seed Drill Tooth.*



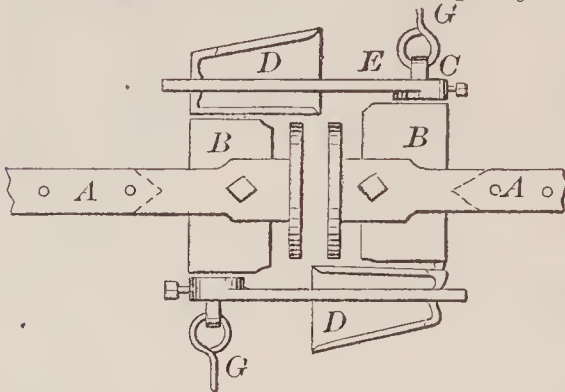
69569—J. Mathius—*Beehive.*



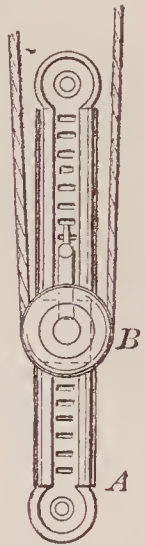
69570—M. Mattson—*Coupling for Vacuum Cups.*



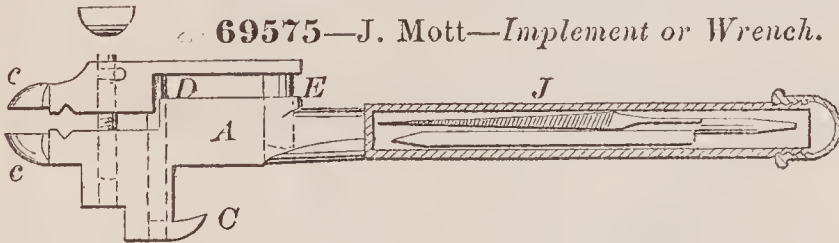
69574—J. Milne—*Car Coupling.*



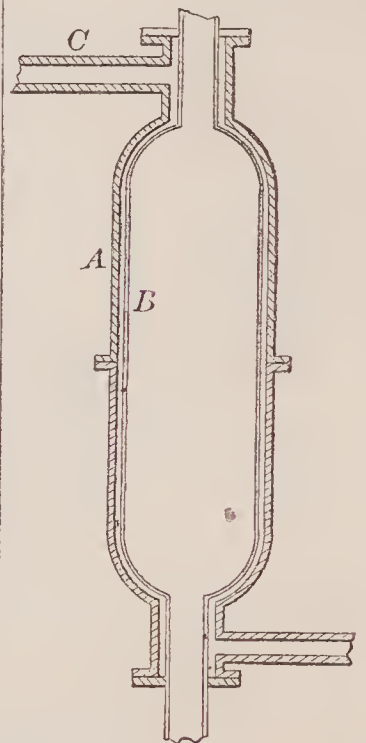
69572—W. T. Mercereau—*Curtain Fixture.*



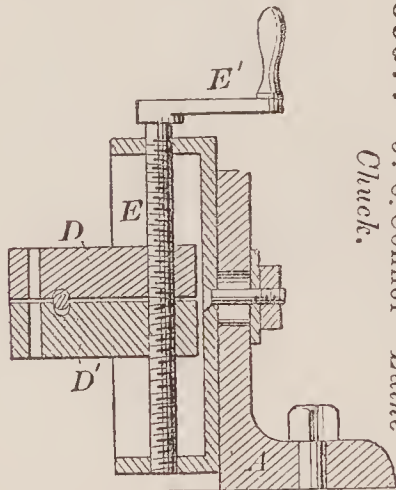
69575—J. Mott—*Implement or Wrench.*



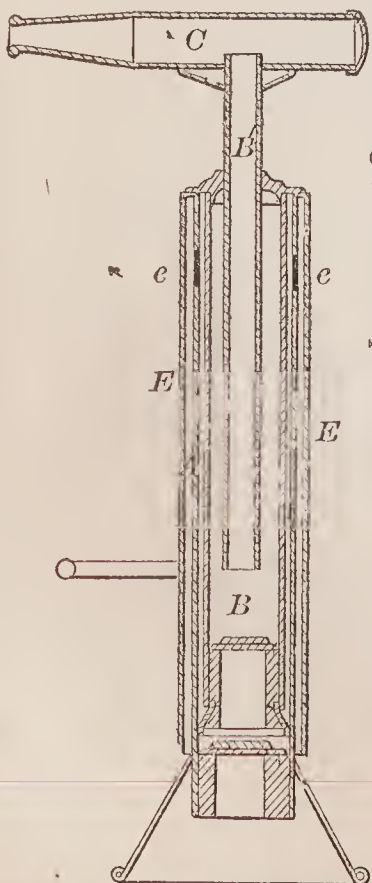
69576—J. Nicholson—*Feed Water Heater.*



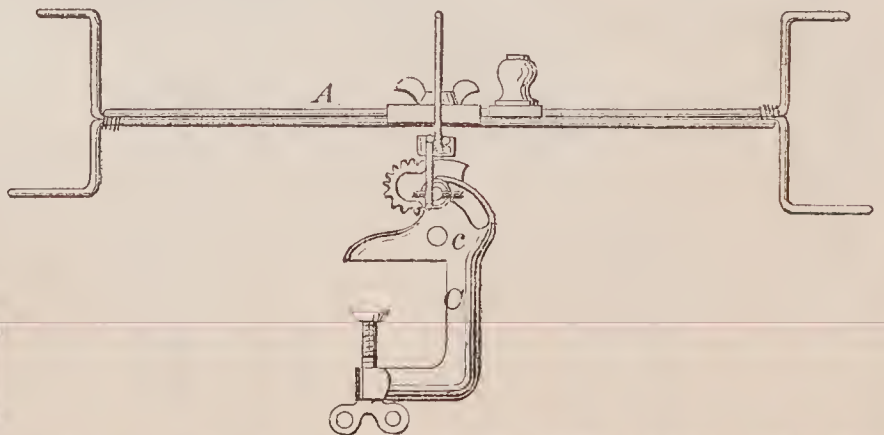
69577—J. O. Connor—*Lathe Chuck.*



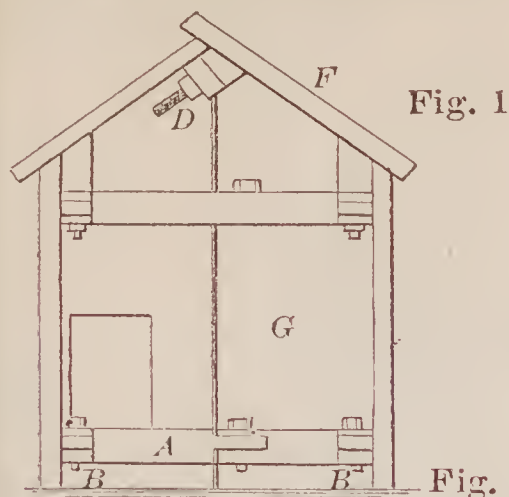
69578—N. Page, Jr.—*Pump.*



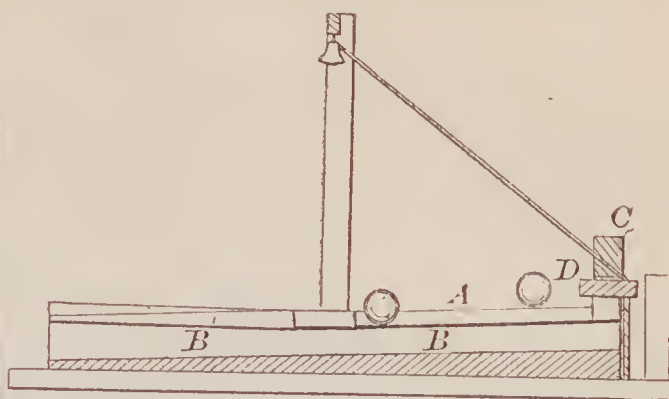
69579—J. Foreman—*Reel.*



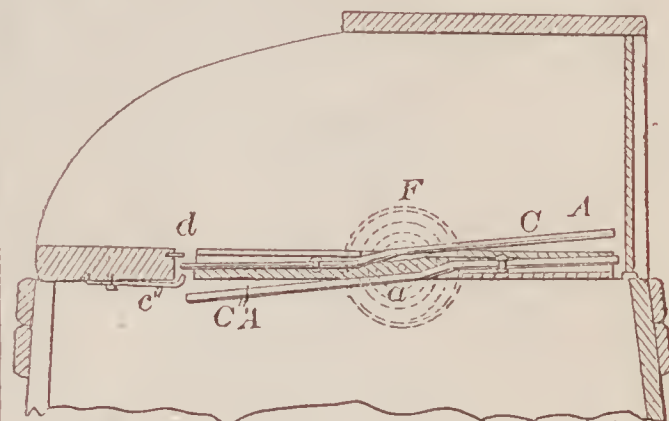
69580—D. Pangle—*Sheep House*.



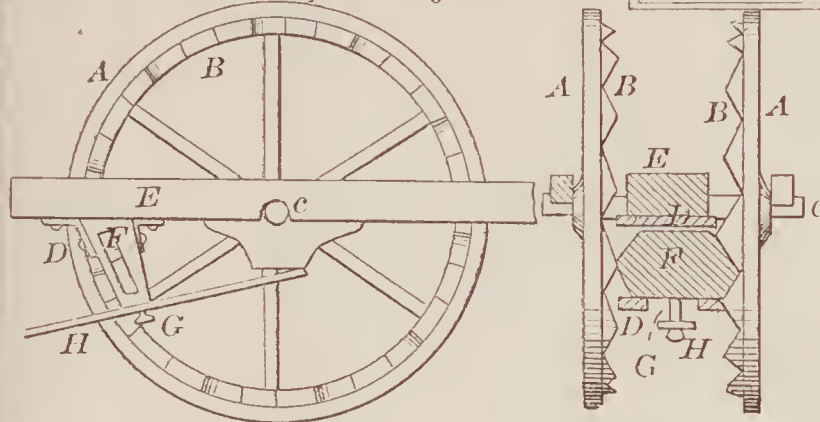
69581—J. D. Patrick—*Ball Alley*.



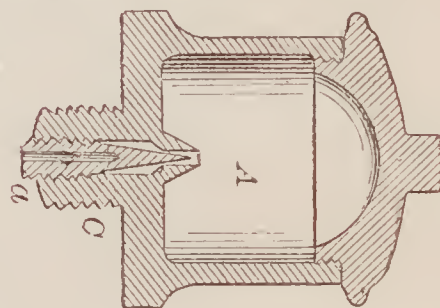
69583—T. S. Phillips—*Animal Trap*.



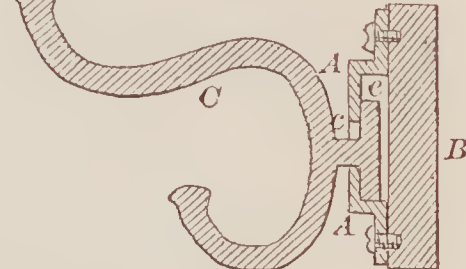
69584—T. & C. Plumleigh—*Converting Circular into Reciprocating Motion*.



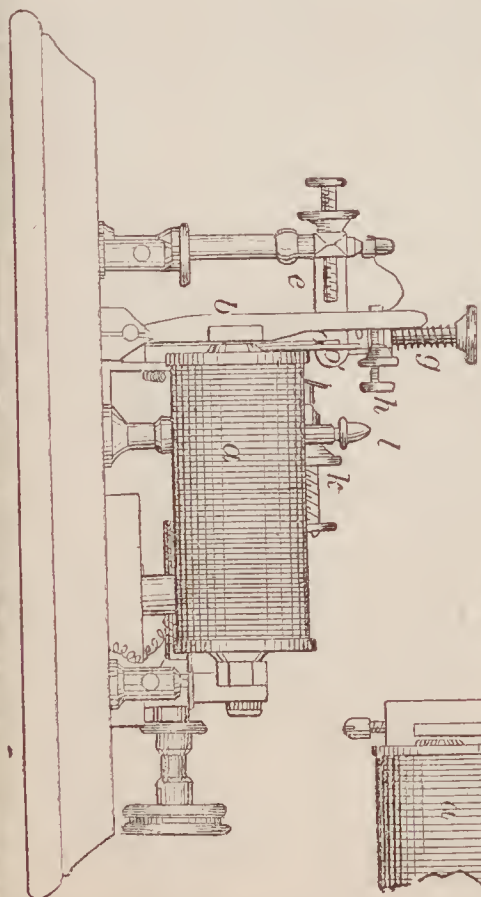
69582—Patton & Miller—*Oil Cup*.



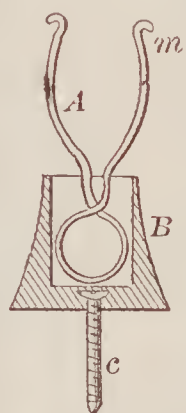
69587—S. S. Putnam—*Clothes Hook*.



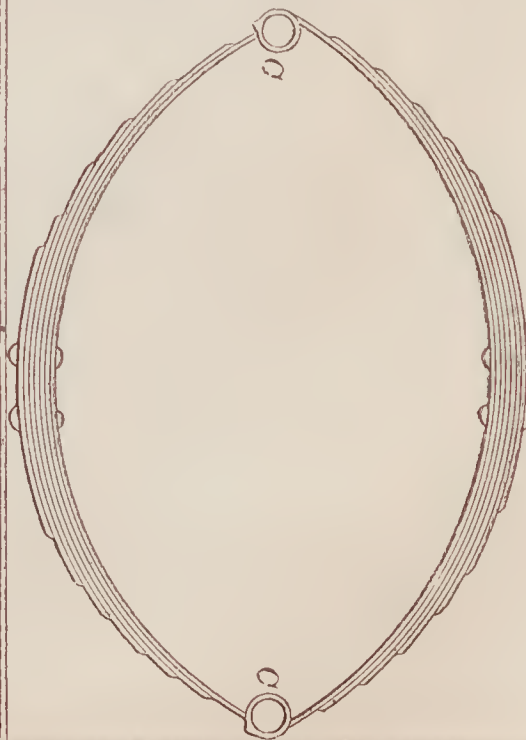
69585—C. H. Pond—*Telegraph Apparatus*.

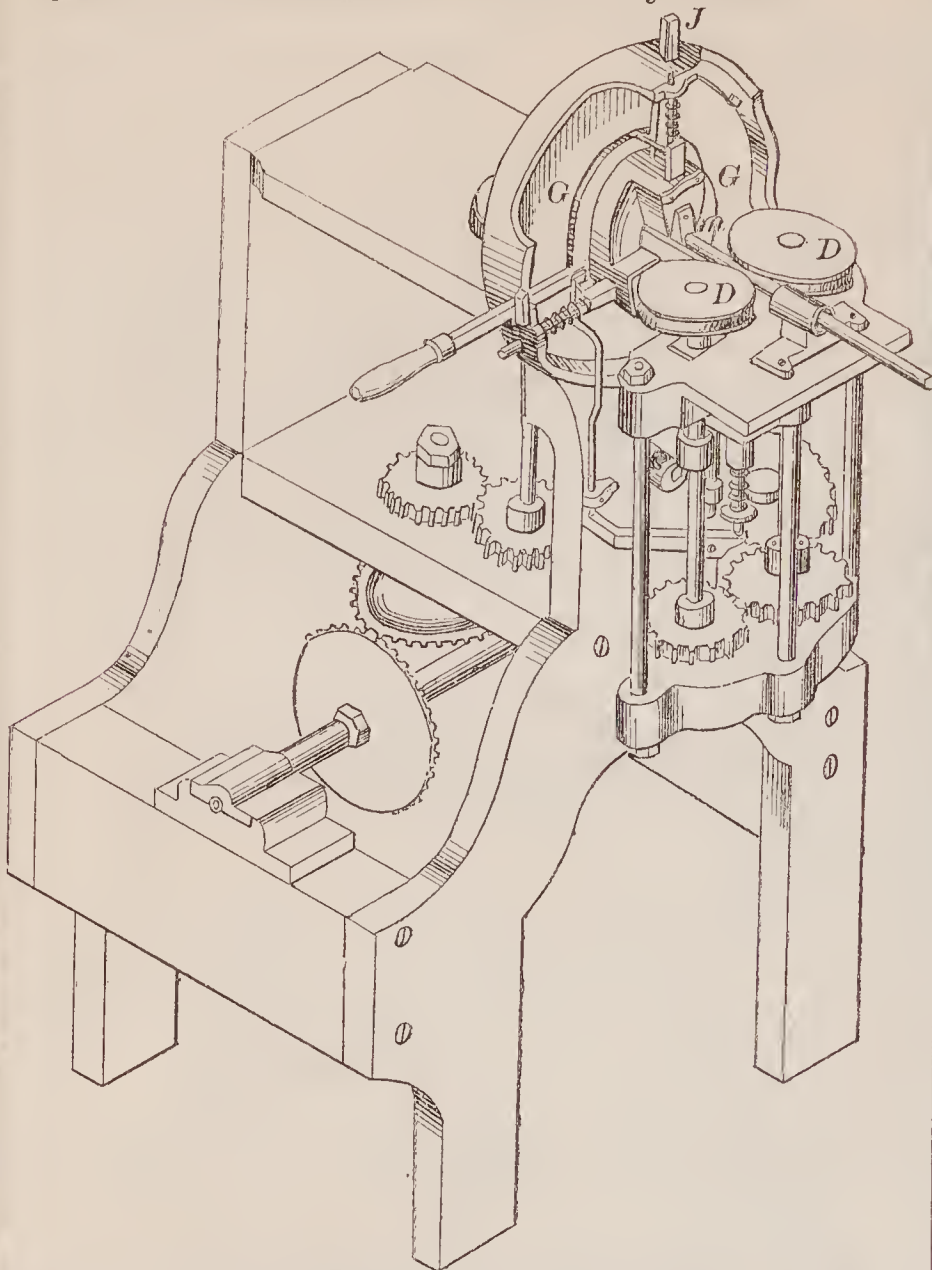
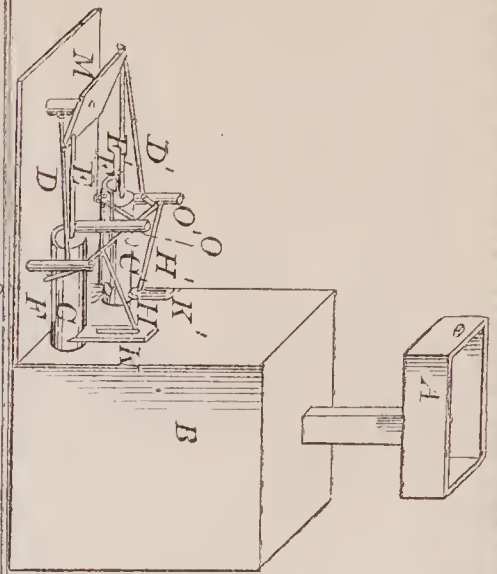
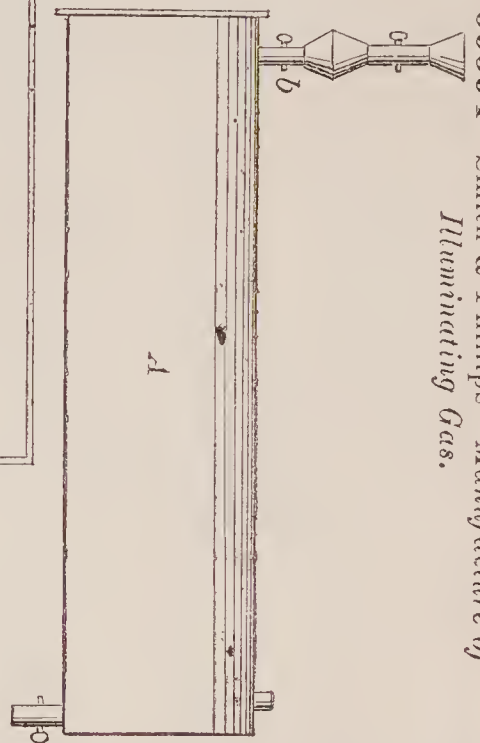
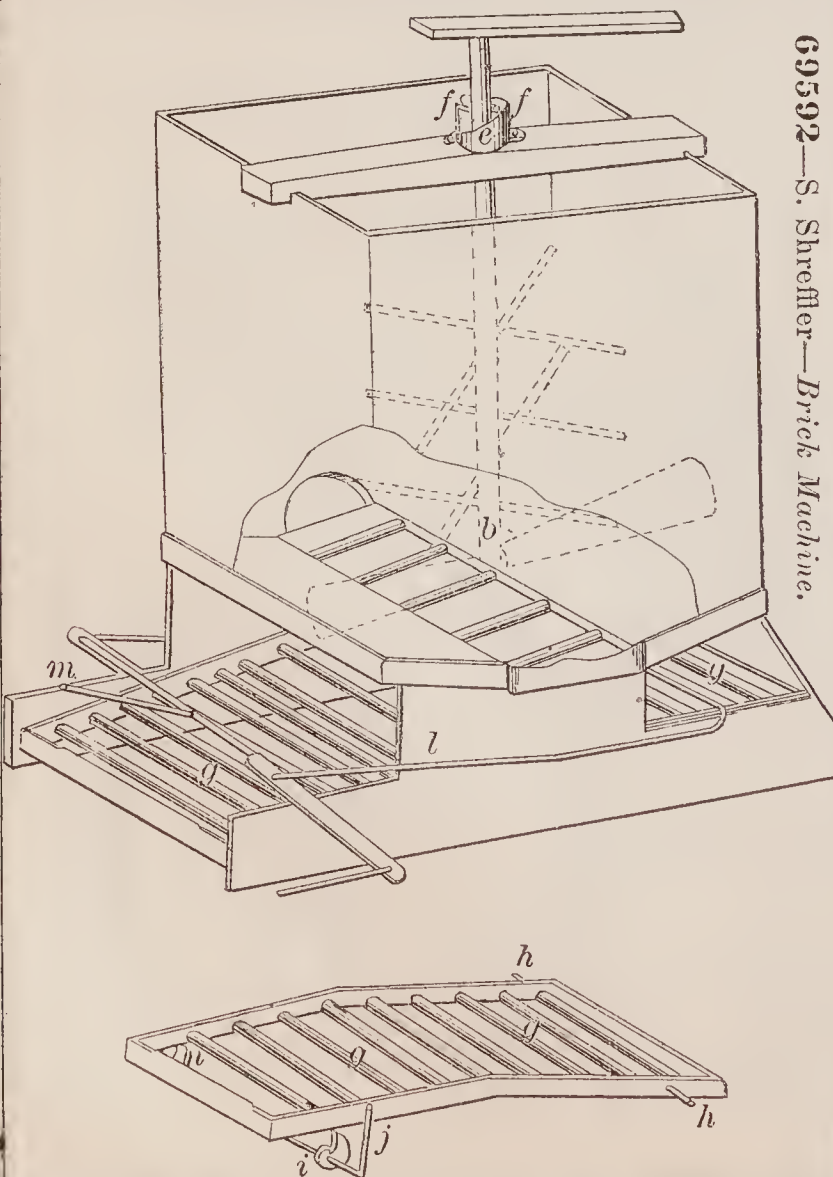
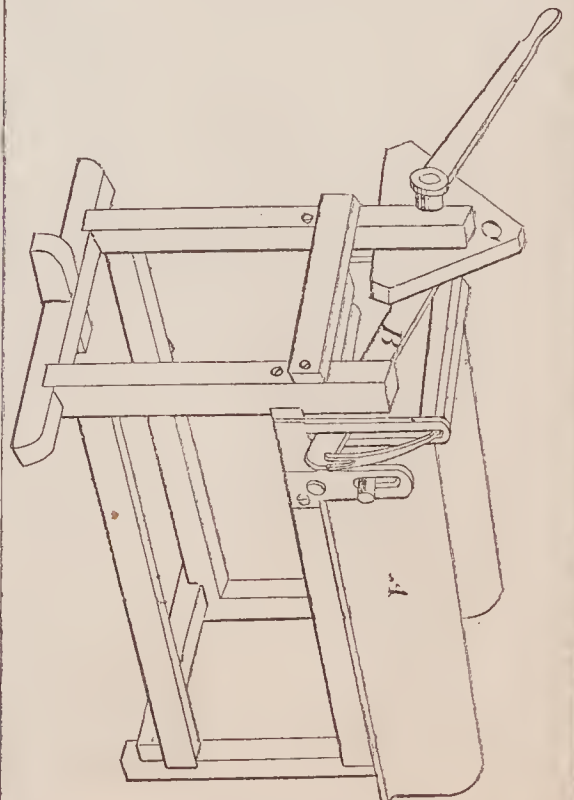


69586—Powell & Morse—*Broom Holder*.

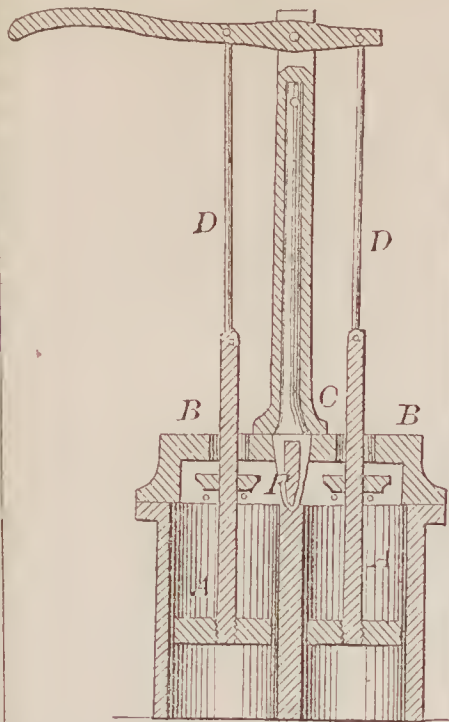


69588—J. G. Reiff—*Carriage Spring*.

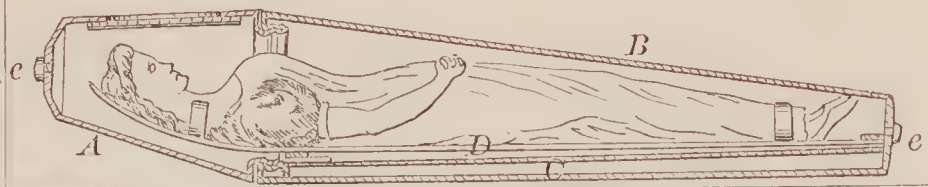


69589—N. H. Richardson—*For Dressing Rattan.*69591—L. M. Sabin—*Hydraulic Engine.*69594—Smith & Phillips—*Manufacture of Illuminating Gas.*69592—S. Shreffler—*Brick Machine.*69593—J. D. Smith—*Straw Cutter.*

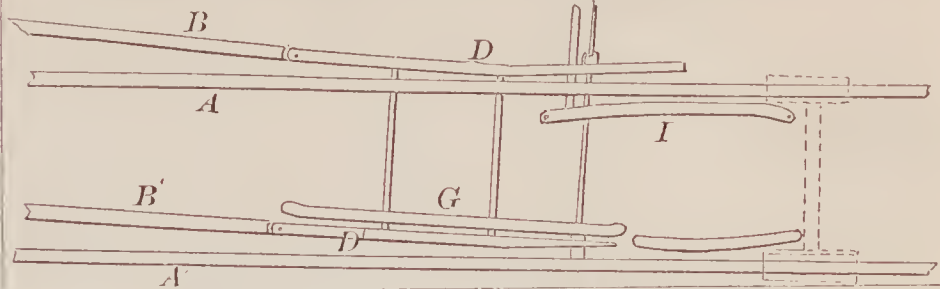
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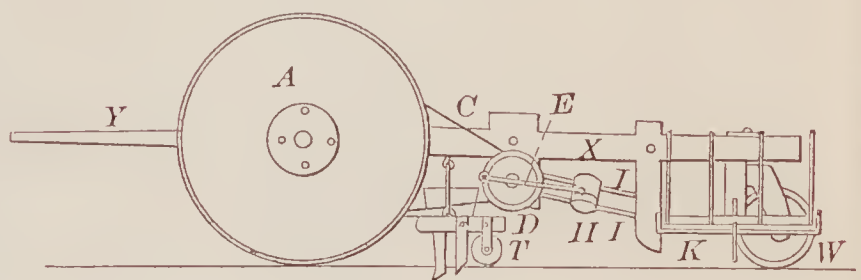
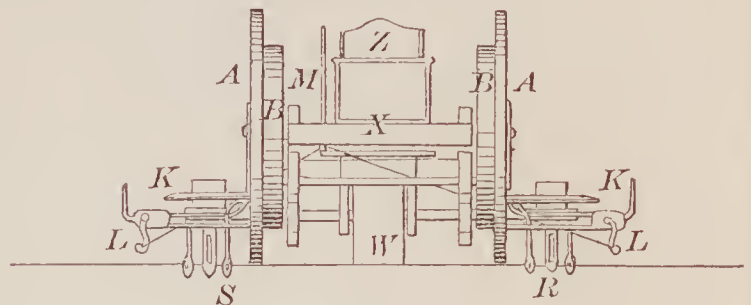
69596—J. H. Van Houten—*Burial Case.*



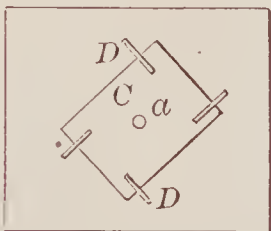
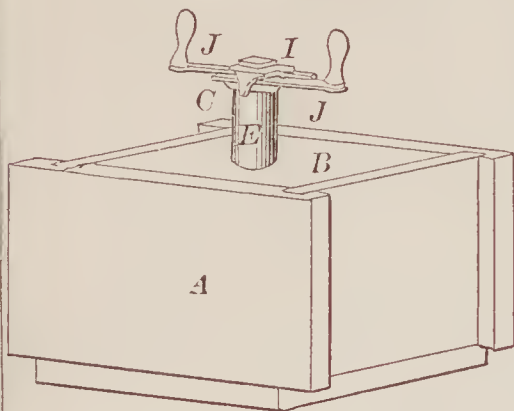
69599—W. Wharton, Jr.—*Railway Switch.*



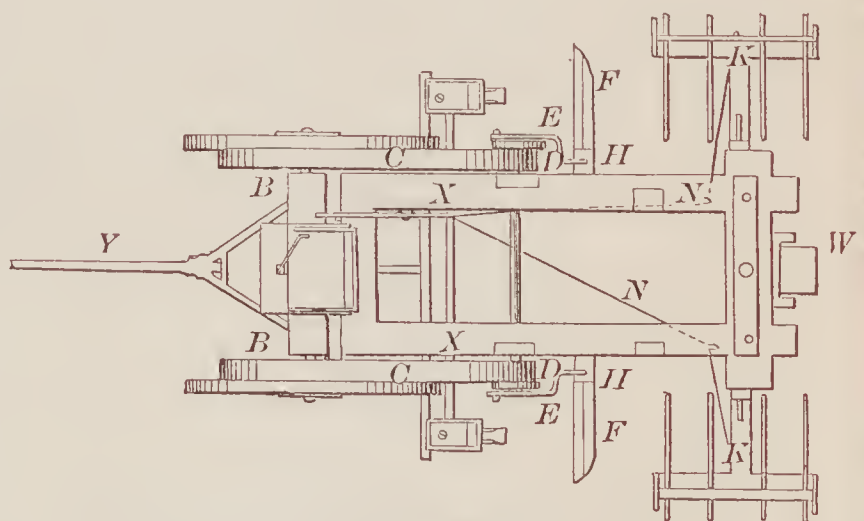
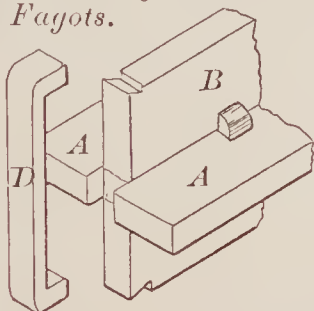
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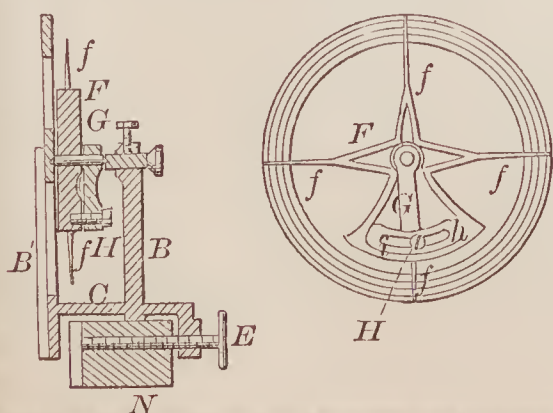
69598—M. Walton—*Churn.*



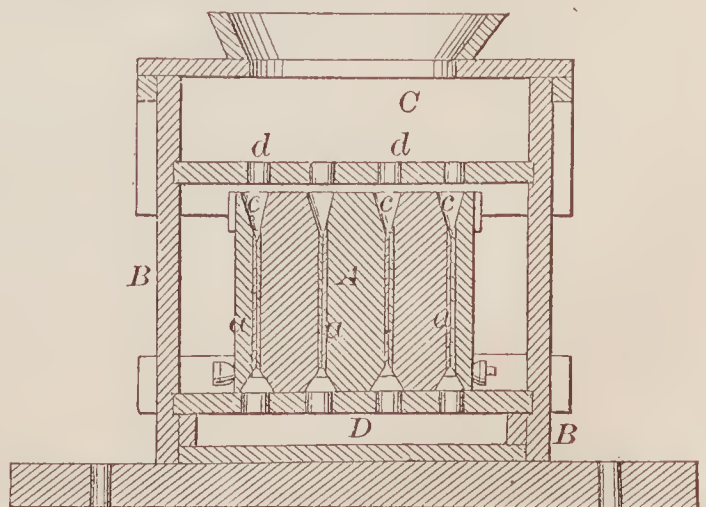
69597—Walters & Shaffer—*For Securing the Bars of Piles or Fagots.*

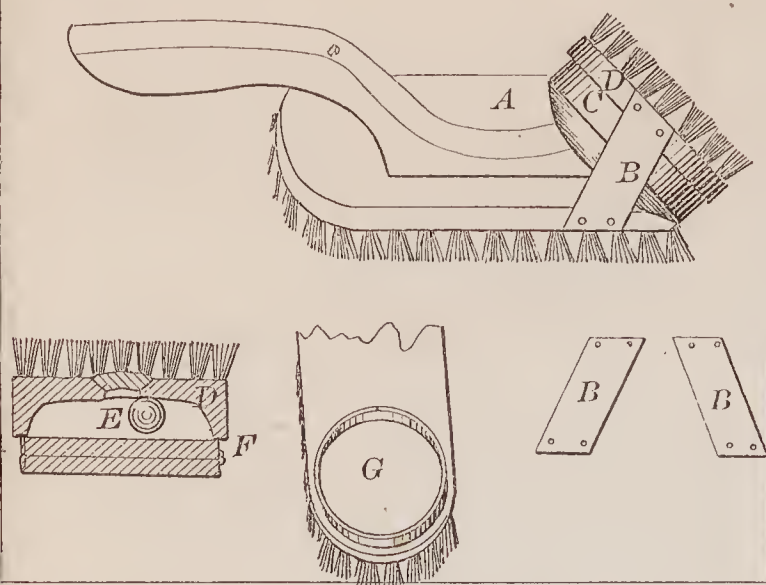
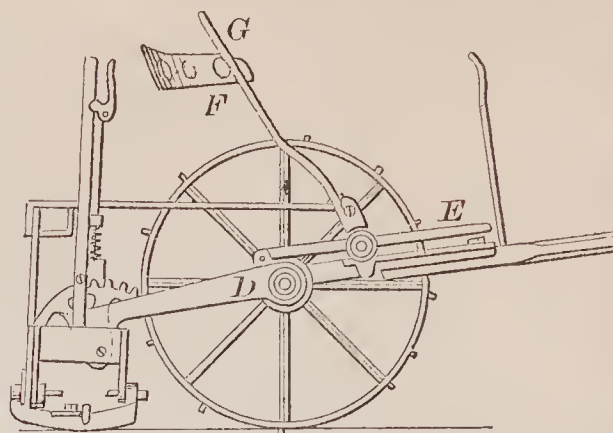
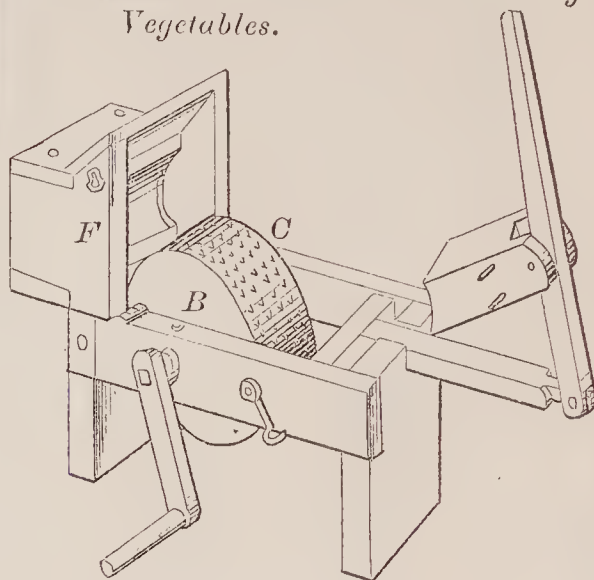
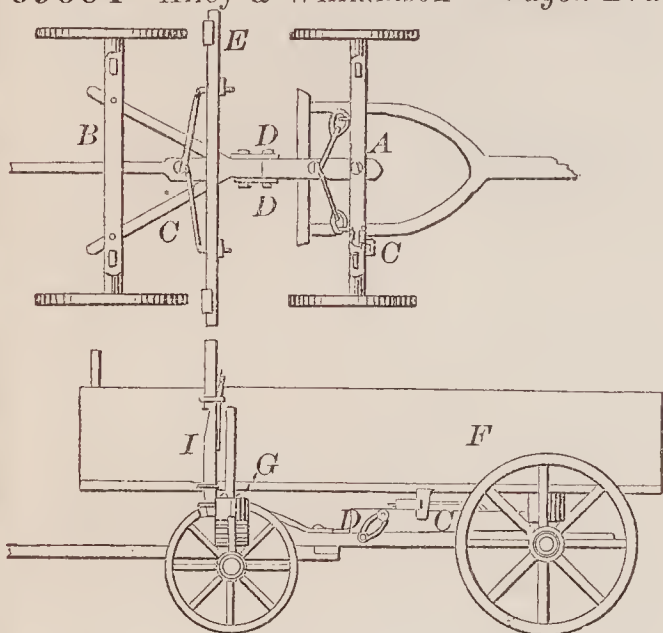
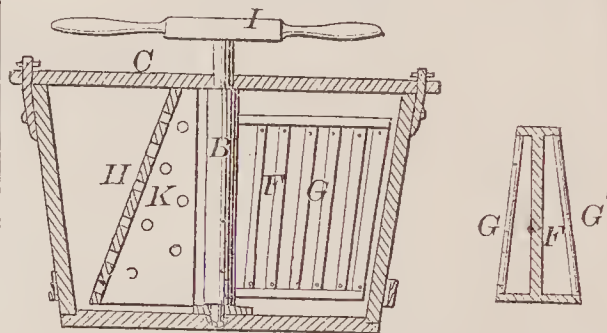
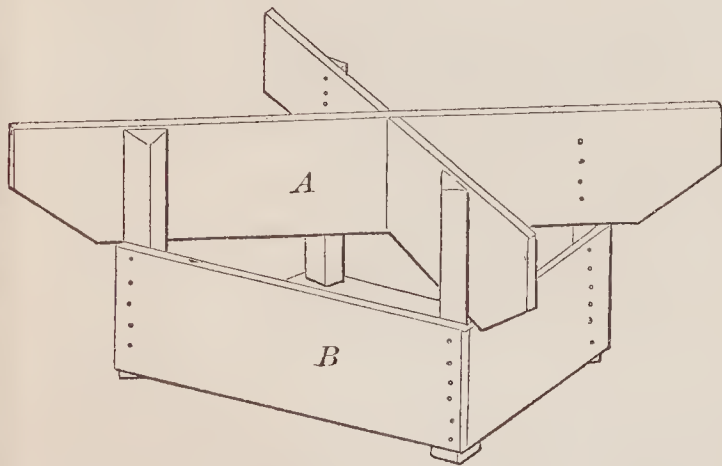
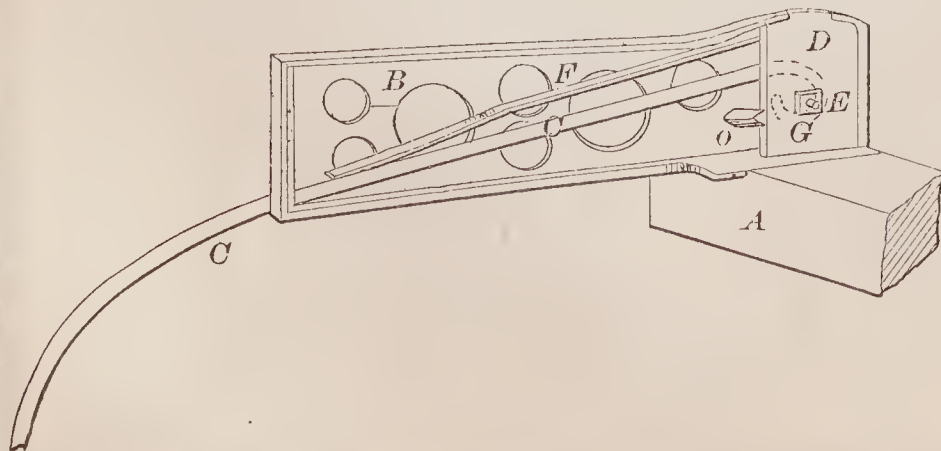
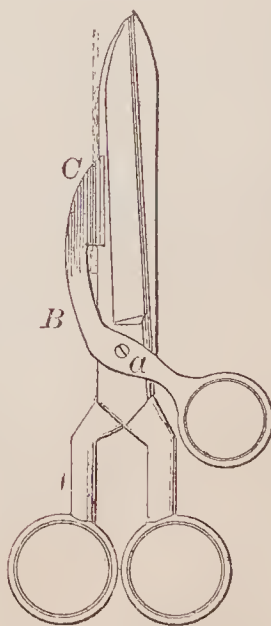


69602—Zimmerman & Baker—*Plumb Level.*

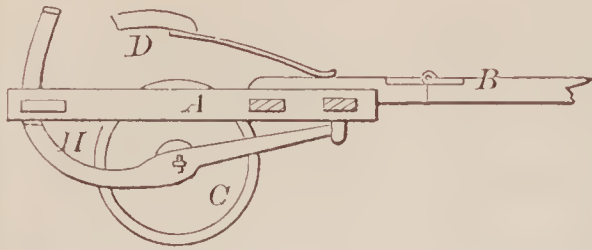


69601—H. Woodward—*Knife Cleaner.*

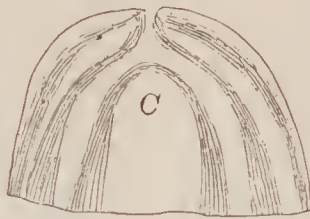


69603—R. Adams—*Blacking Brush.*69606—J. Anthony—*Harvester.*69607—H. Arthur—*For Grating Vegetables.*69604—Alley & Williamson—*Wagon Brake.*69609—O. Baldwin—*Wash Tub Attachment.*69608—G. W. Balding—*Feeding Rack for Cattle.*69610—L. B. Ball—*Horse Rake.*69605—J. A. Althouse—*Scissors and Button Hole Cutter.*

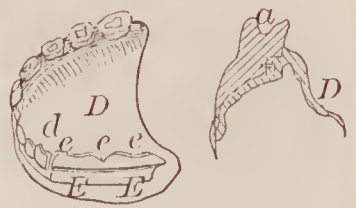
69611—W. W. Ballard—*Land Roller.*



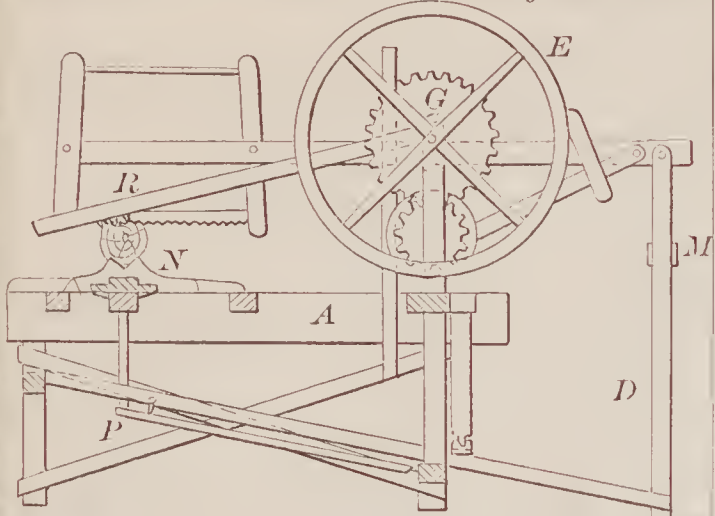
69614—J. B. Bean—*Constructing Moulds for Aluminium Plates.*



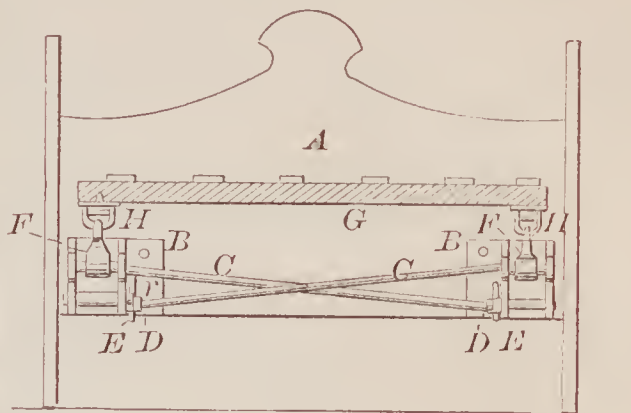
69615—J. B. Bean—*Securing Artificial Teeth to Cast Plates.*



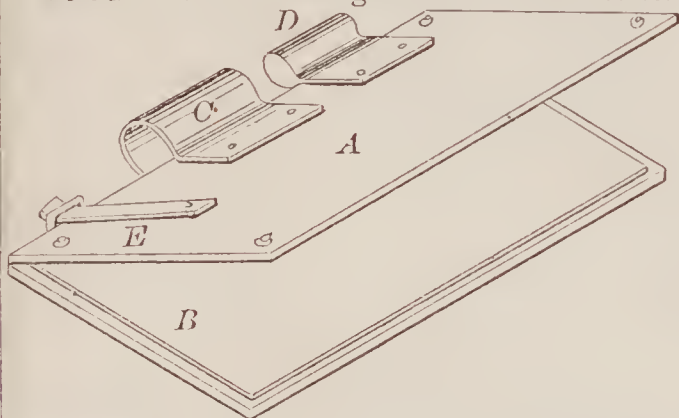
69613—J. M. Batchelor—*Sawing Machine.*



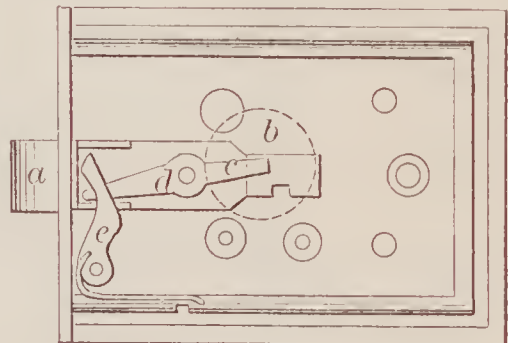
69617—L. M. Bolles—*Bed Bottom.*



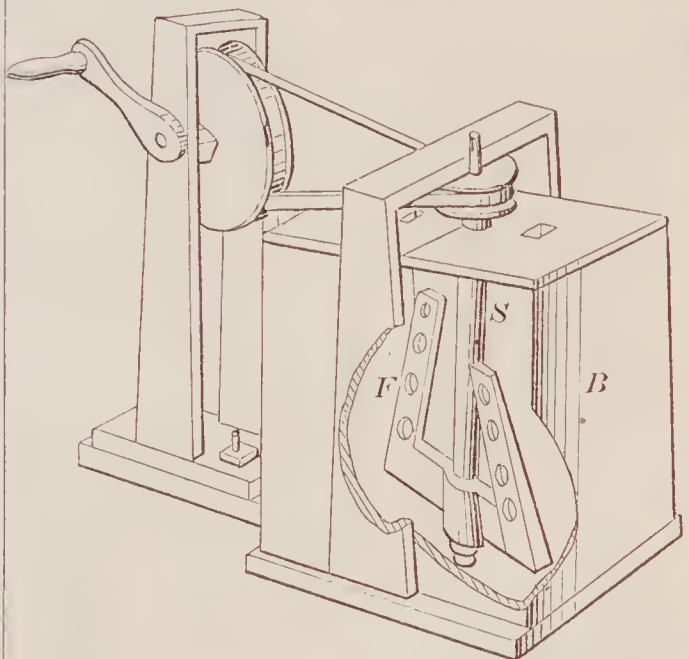
69616—J. E. Billings—*Automatic Blotter.*



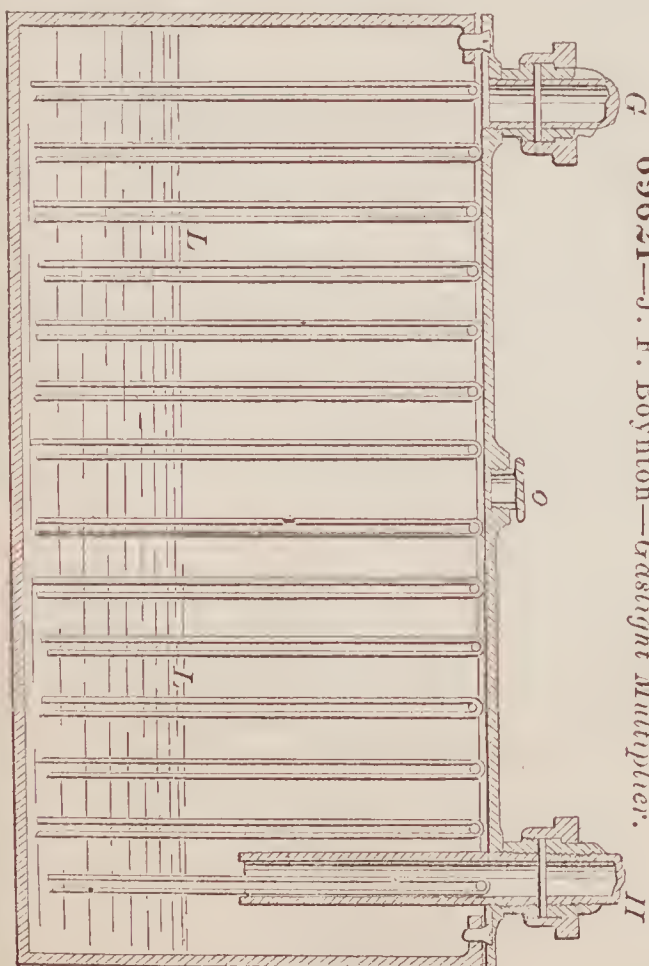
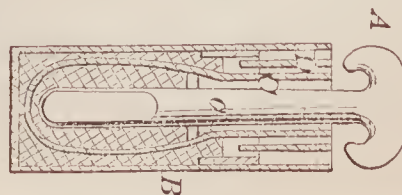
69619—H. Bosch—*Latch Lock.*



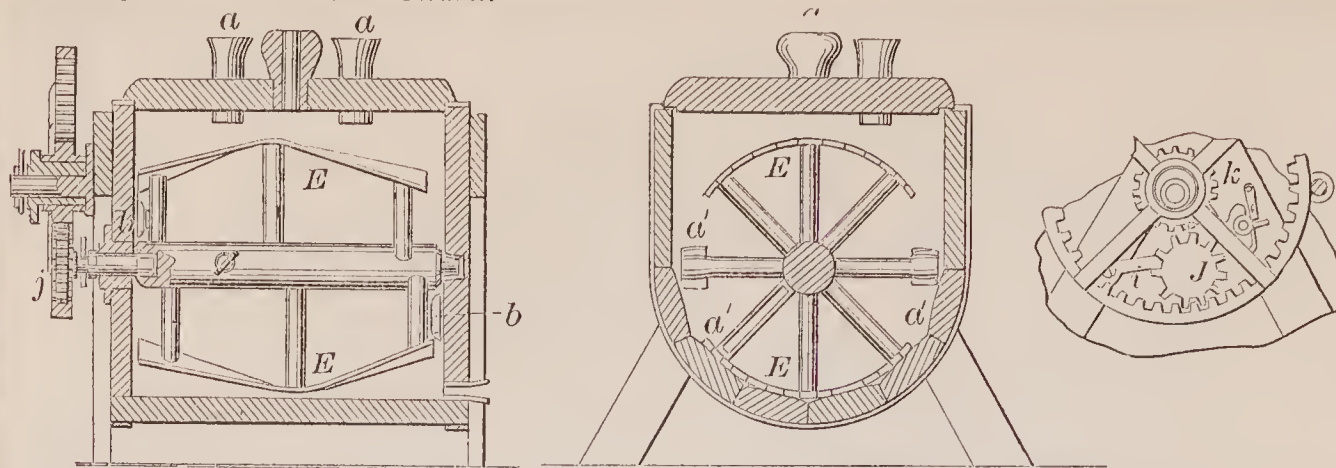
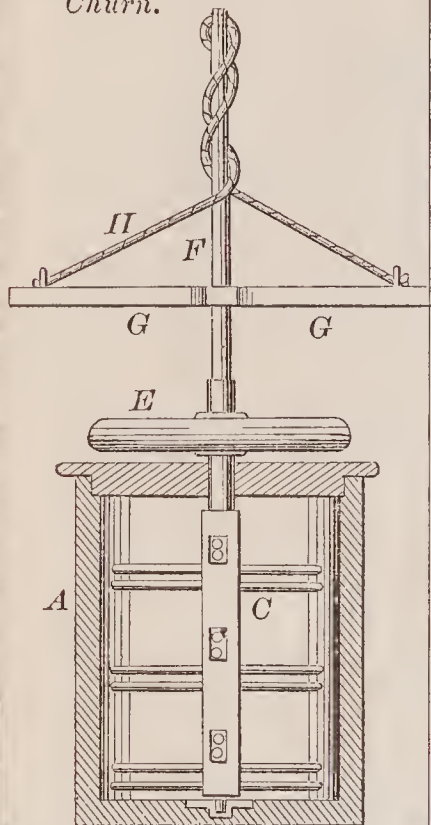
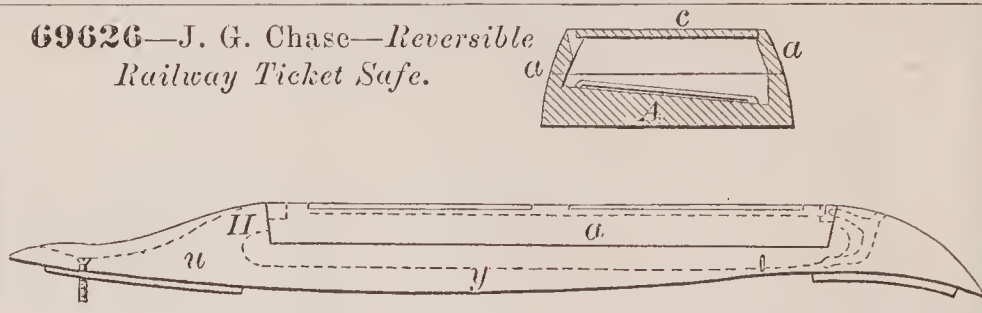
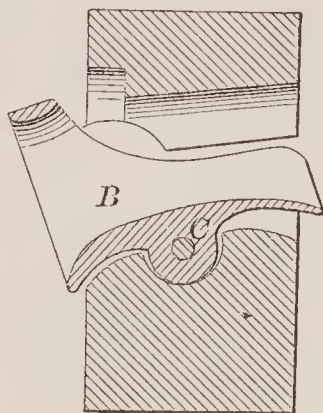
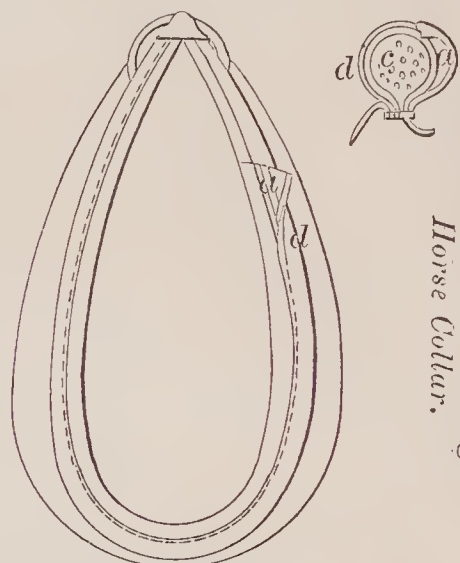
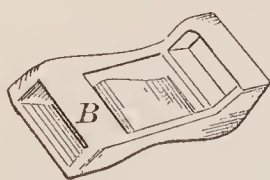
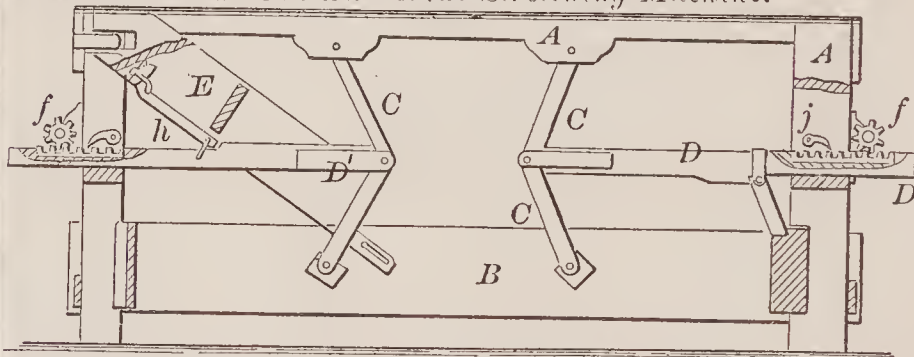
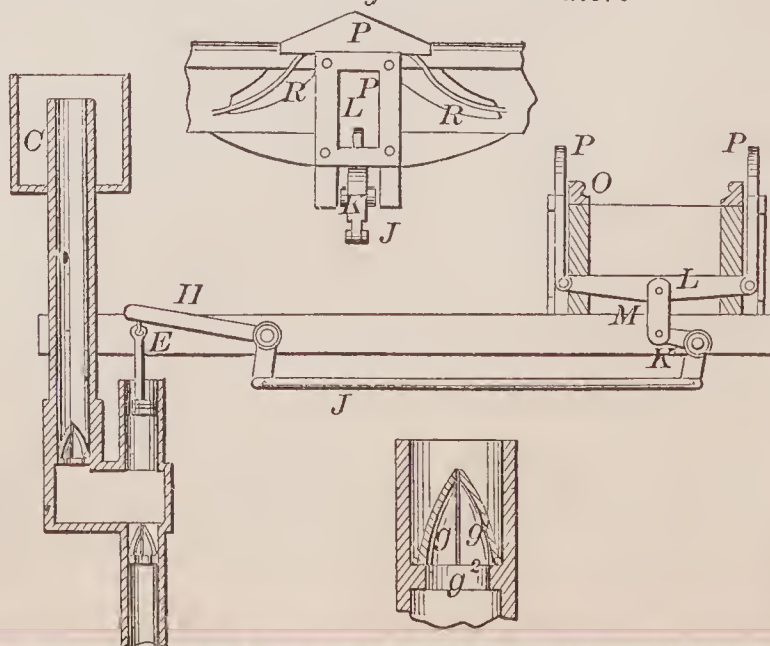
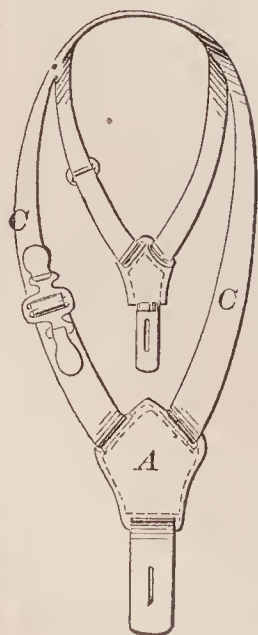
69620—C. Boyer—*Churn.*



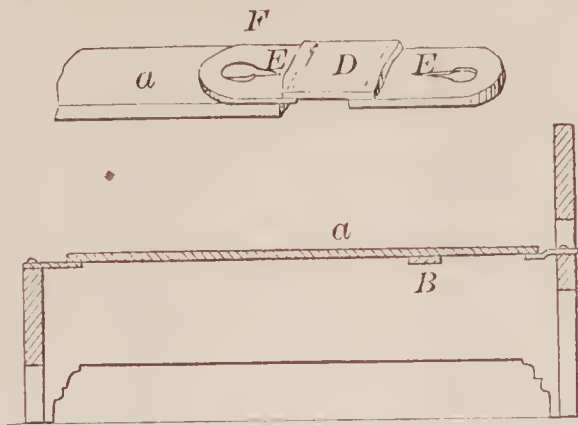
69622—D. Brooks—*Telegraph Insulator.*



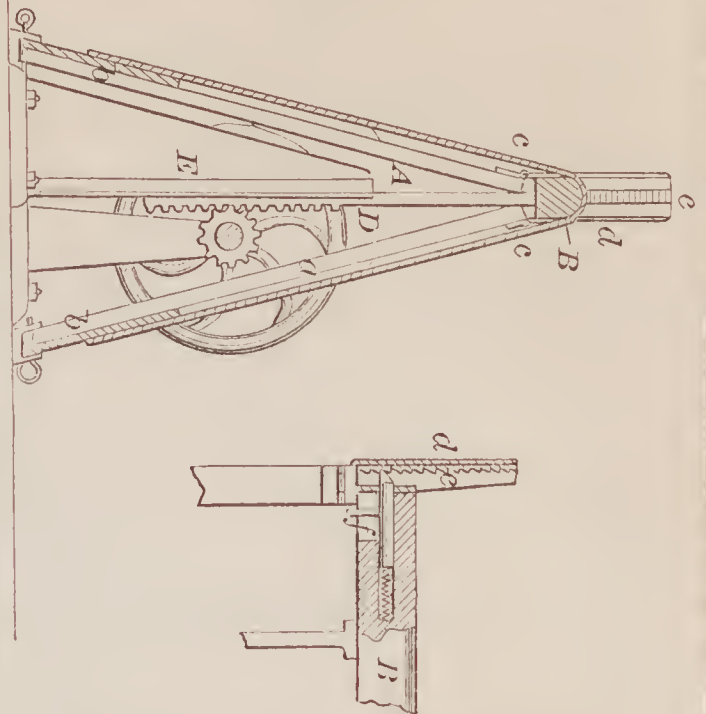
69621—J. F. Boynton—*Gaslight Multiplier.*

69623—A. H. Brown—*Churn.*69624—M. M. Brown—*Churn.*69626—J. G. Chase—*Reversible Railway Ticket Safe.*69625—P. Burnham—*House Pipe.*69627—Cheever & Forgie—*Horse Collar.*69628—Chenoweth & McLain—*Belt Clasp.*69630—J. F. Coburn—*Hide Stretching Machine.*69631—M. S. Collar—*Railway Water Elevator.*69629—C. H. Cleveland—*Suspenders.*

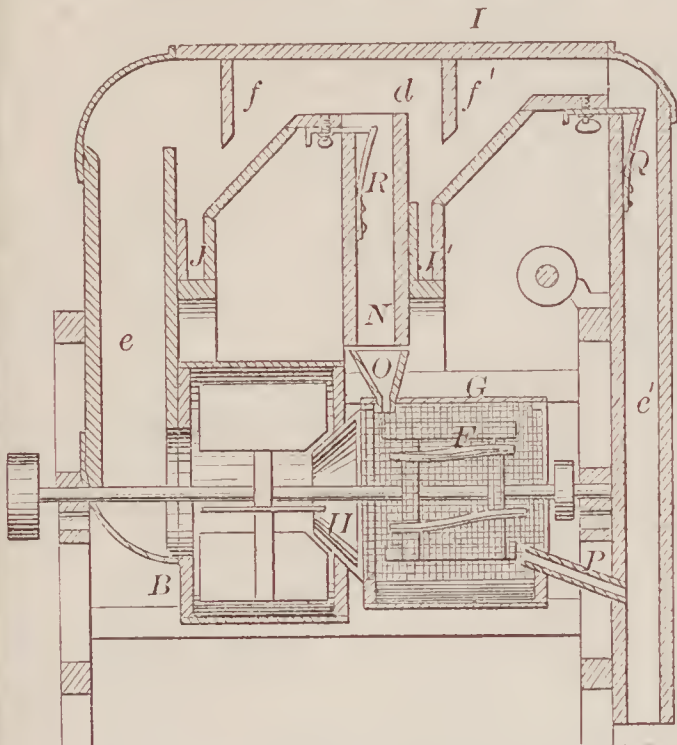
69632—H. M. Conklin—*Bed Bottom.*



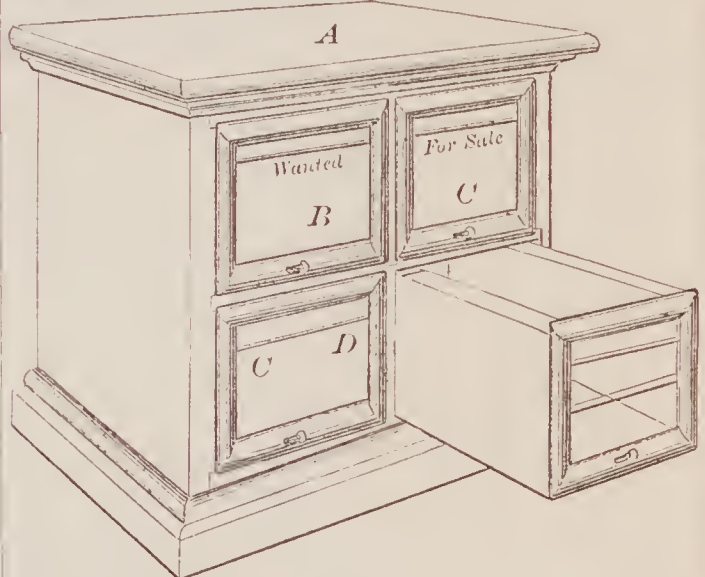
69633—Connelly & Hughes—*For Stretching Leather.*



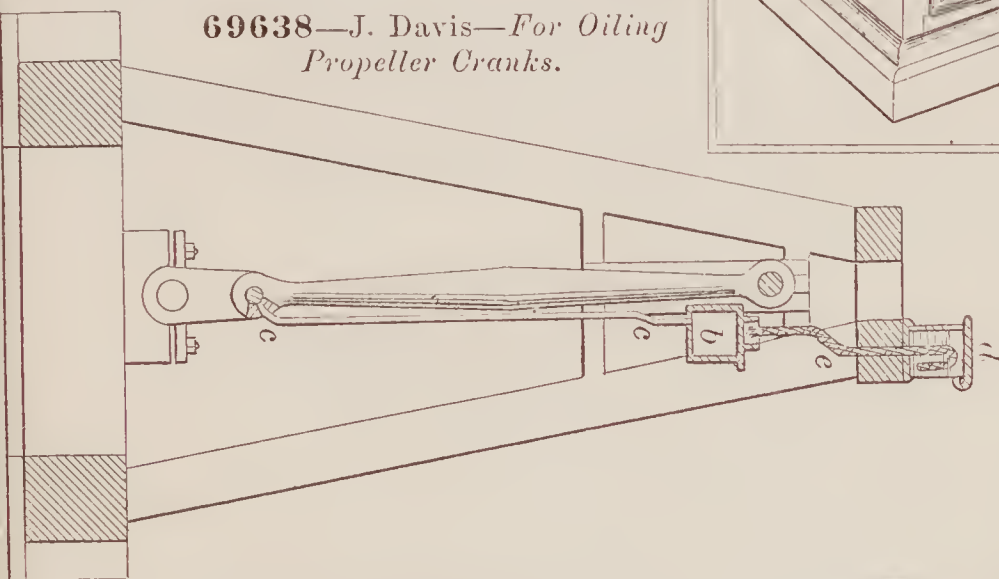
69634—W. W. Conner—*Smut Machine.*



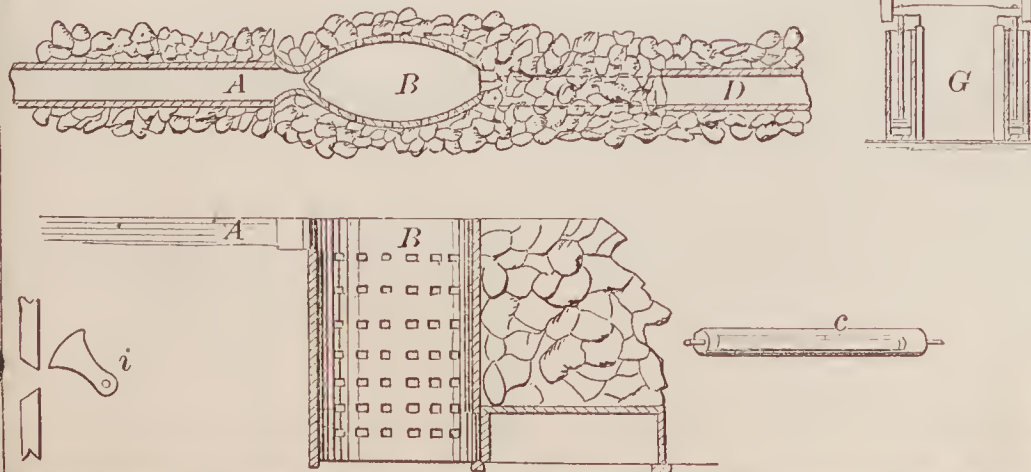
69637—A. Davis—*Advertising Device.*



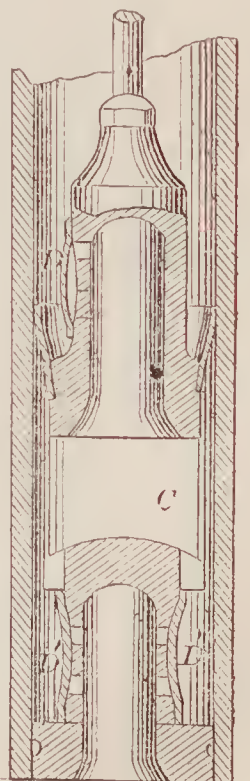
69638—J. Davis—*For Oiling Propeller Cranks.*

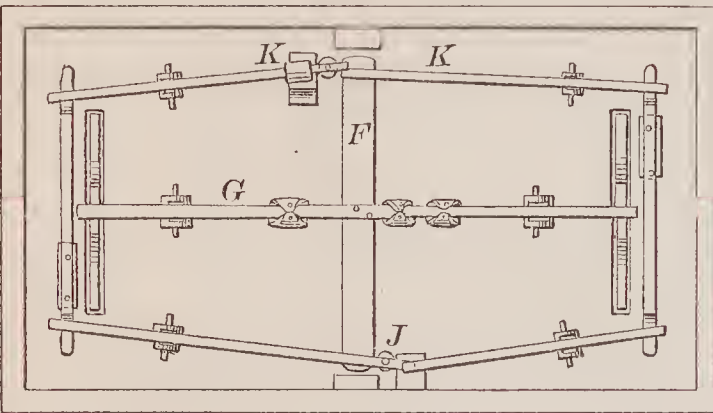
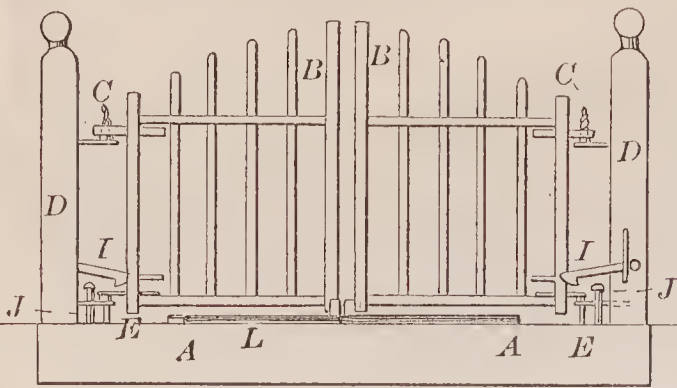
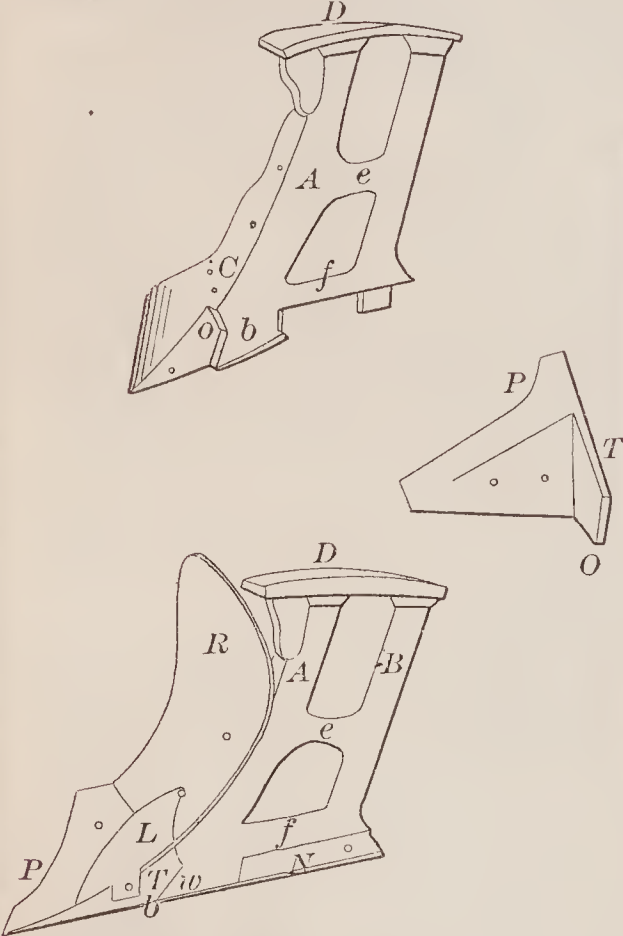
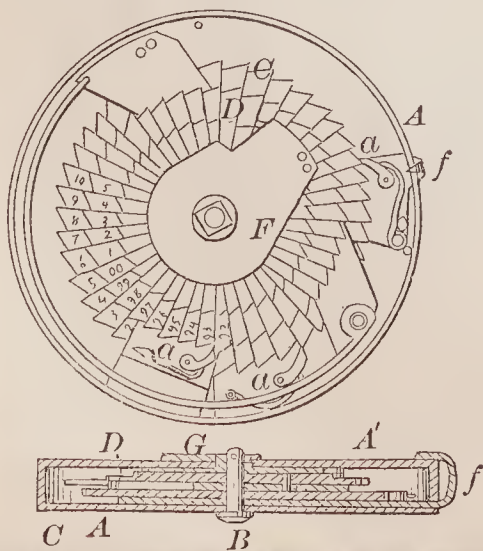
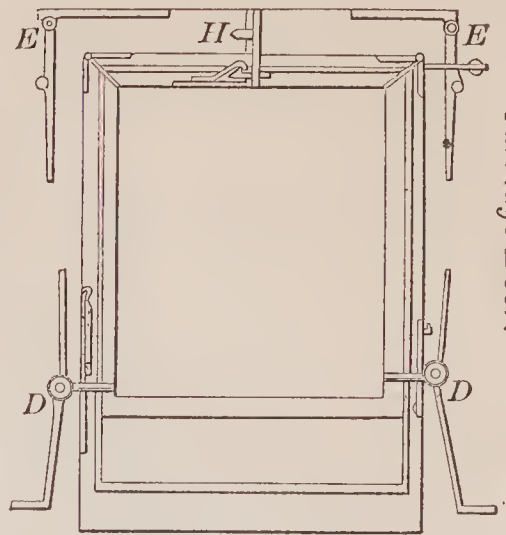
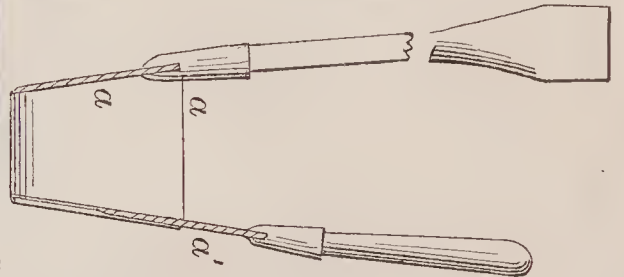
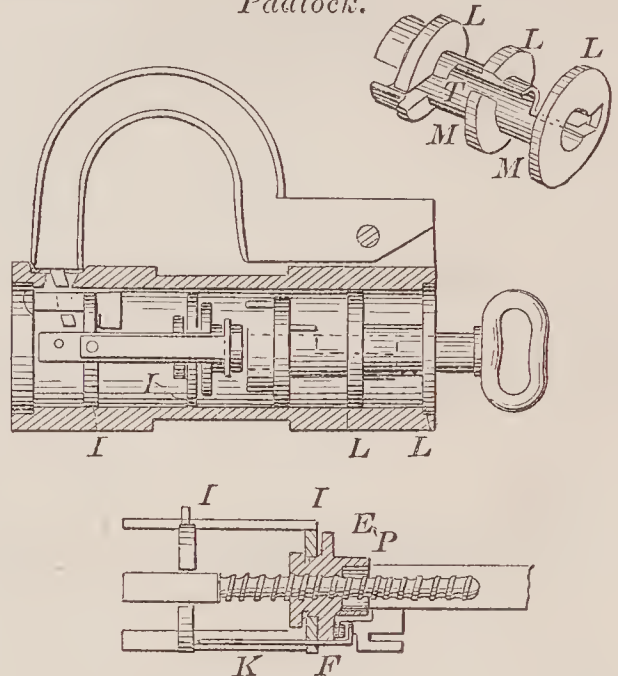
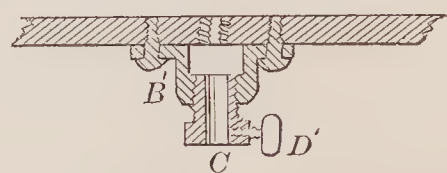
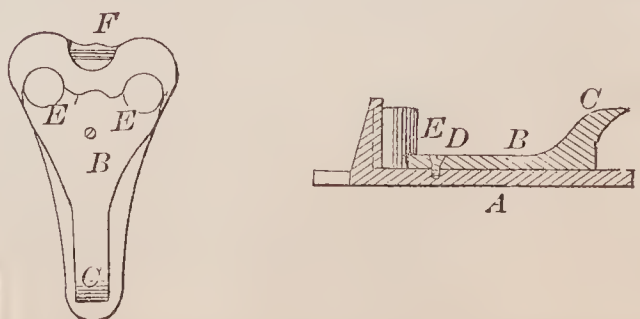


69639—H. H. Day—*Canal Lock.*

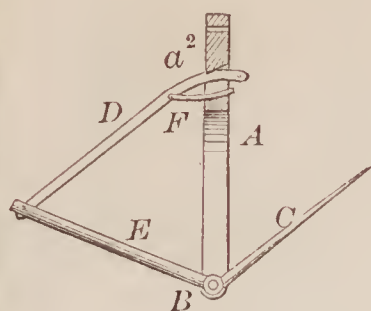


69635—J. E. Cronk—*Pump Valve.*

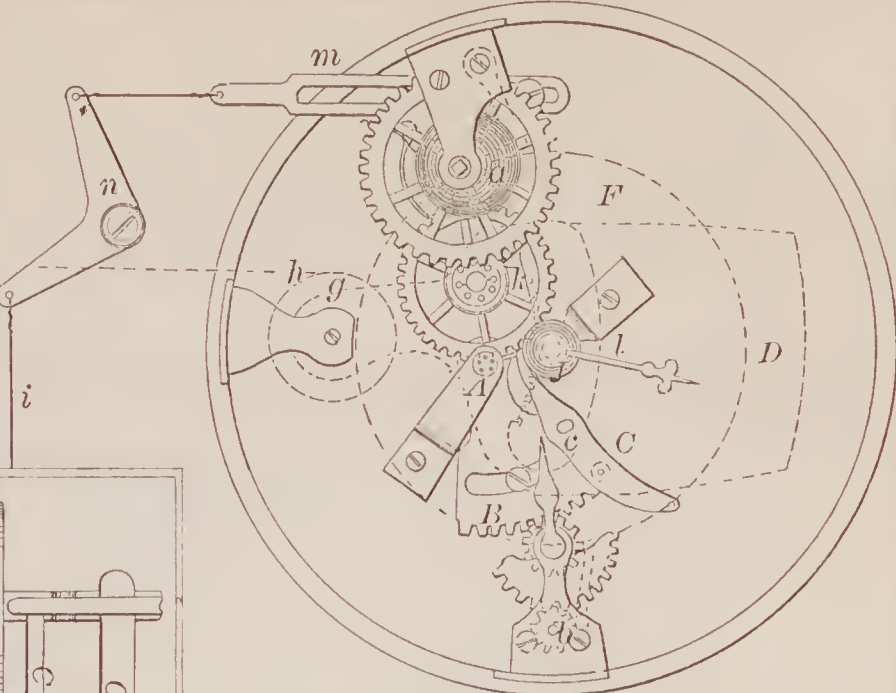


69640—S. M. Denniston—*Gate.*69643—J. G. Dodge—*Plow.*69647—G. Farmer—*Tallying Instrument.*69641—Devillard & Postvieler—*Carriage Door.*69642—C. R. Disbrow—*Transplanter.*69645—B., J., S. B. & A. H. Elbert—*Padlock.*69644—J. D. Driggs—*Die Plate.*69646—J. H. Elward—*Clamp for Ropes and Wires.*

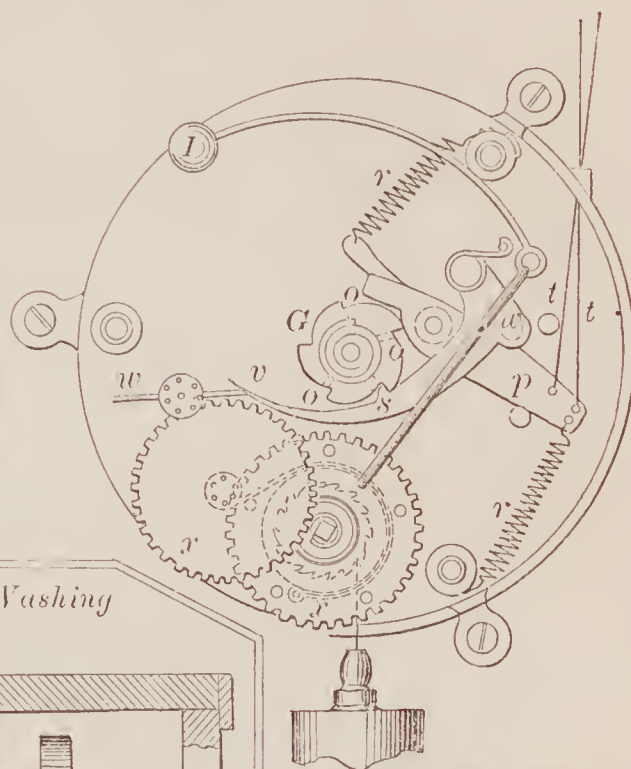
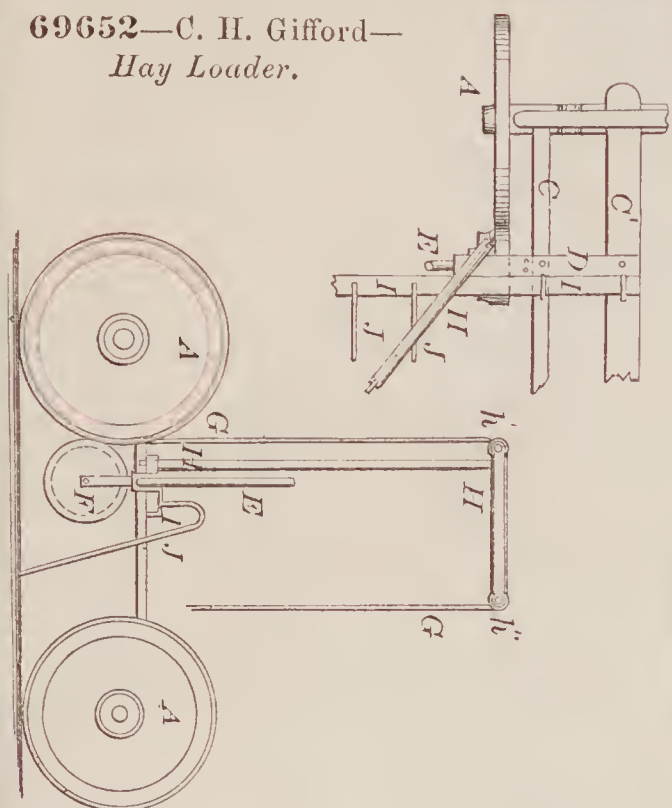
69651—C. H. Gifford—*Horse Hay Fork.*



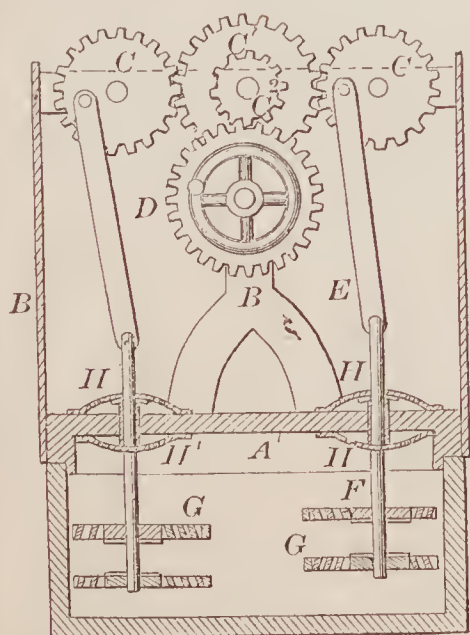
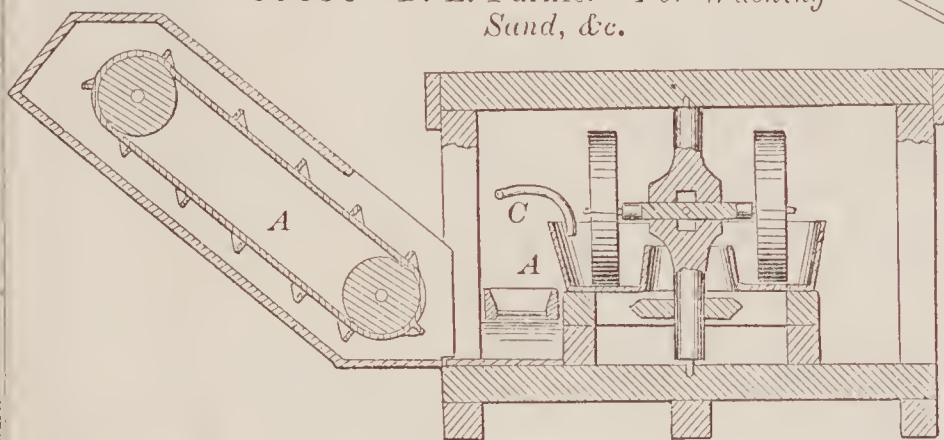
69648—A. & E. Fontaine—*Annunciating Fire Alarm.*



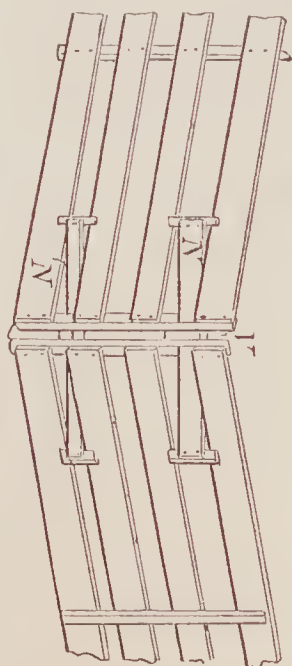
69652—C. H. Gifford—*Hay Loader.*



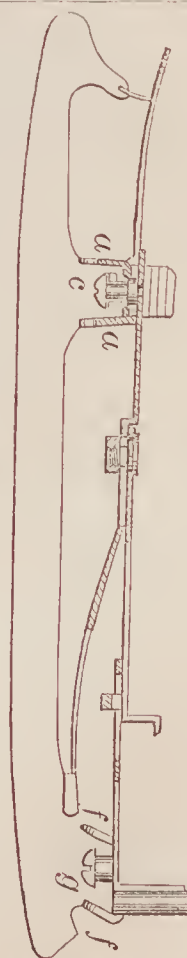
69650—D. L. Furnier—*For Washing Sand, &c.*



69653—E. L. Gilman—*Churn.*

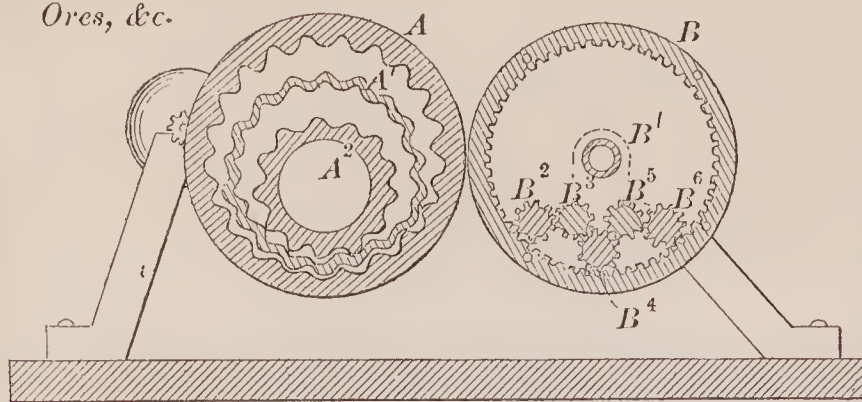


69654—N. J. Glover—*Portable Fence.*

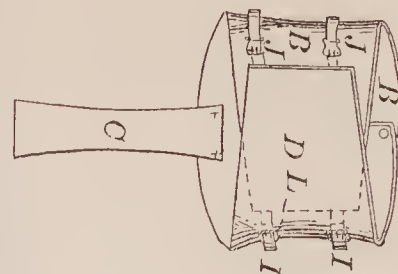


69649—J. Forbes—*Skate.*

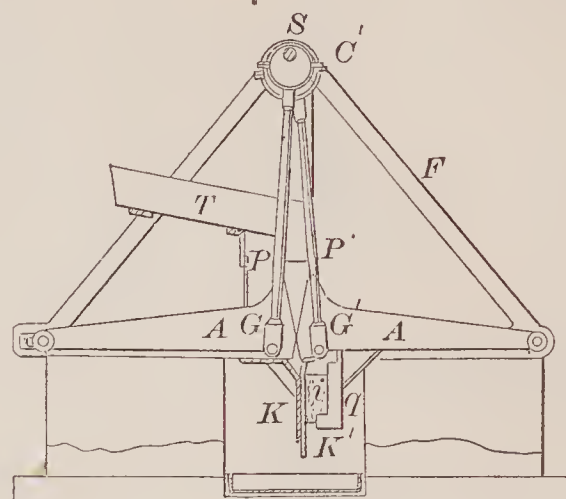
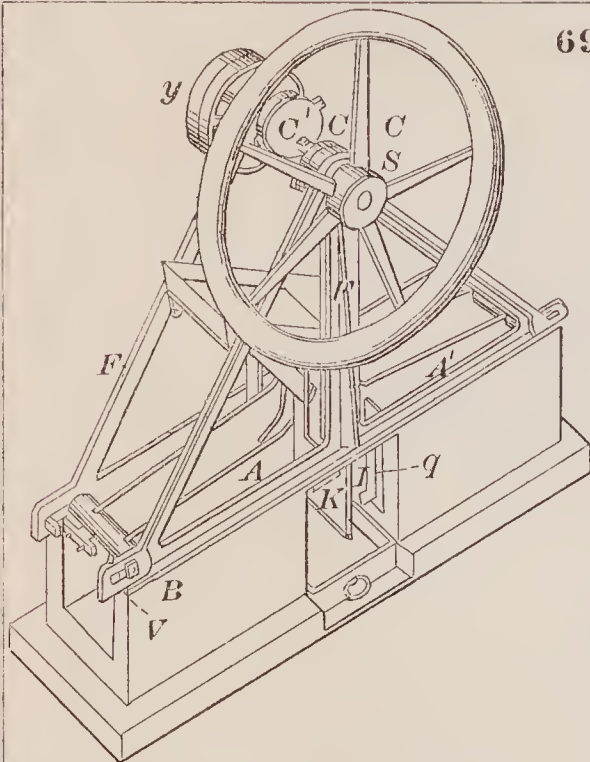
69655—Goodwin & Squire—*For Pulverizing Rocks, Ores, &c.*



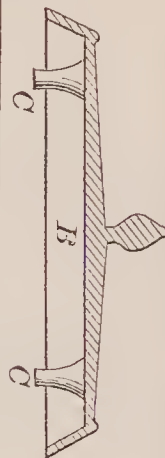
69659—J. O. Hamilton—*Obstetrical Bandage.*



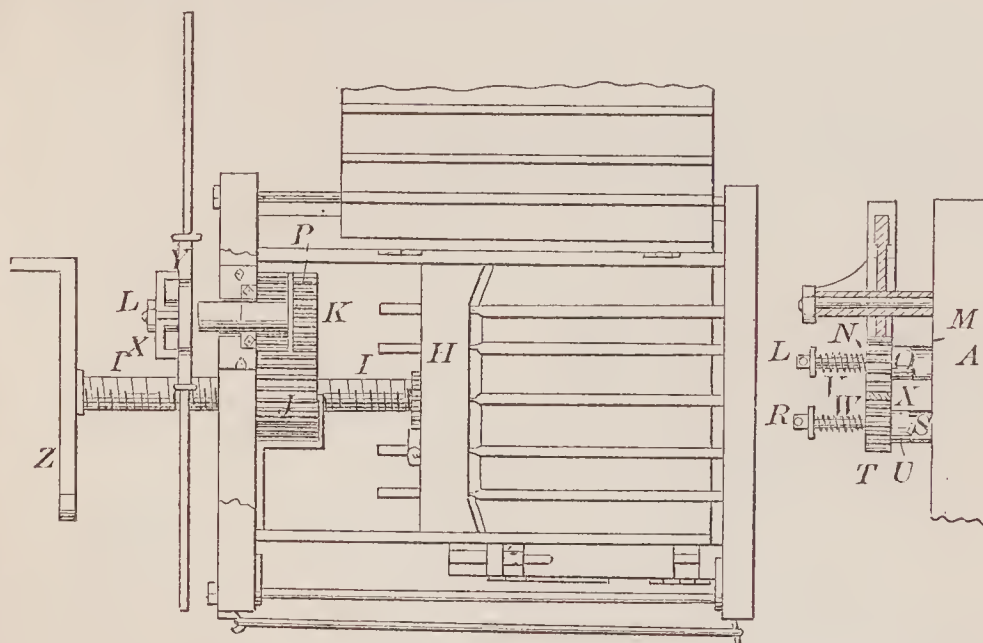
69656—Goodwin & Squire—*For Crushing Rocks, Ores, &c.*



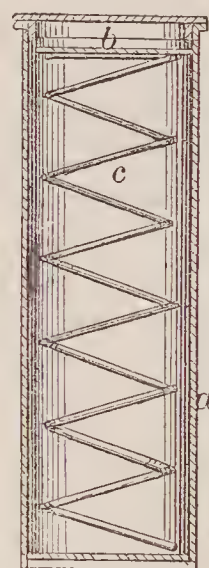
69660—J. Hammond—*Chimney Cap.*



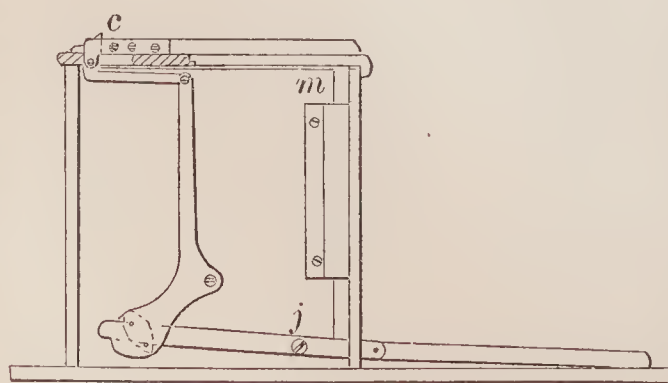
69657—T. D. Guthrie, Jr.—*Baling Press.*



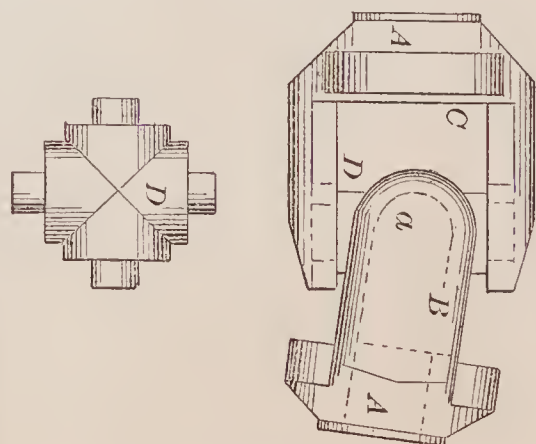
69658—W. Hamer—*Sliver Can for Cotton, &c.*



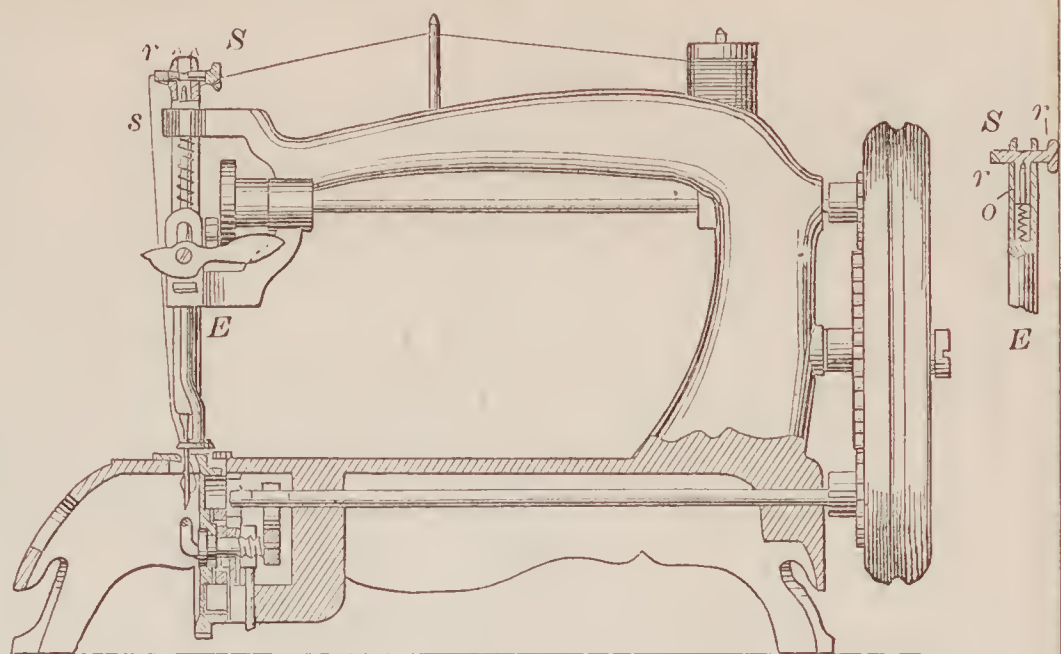
69661—J. B. Hannimann—*Water Closet.*



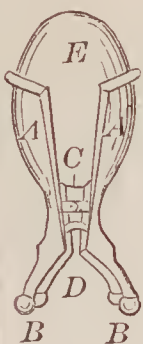
69662—C. Haskins—*Universal Coupling.*



69666—C. Hodgkins—*Sewing Machine.*



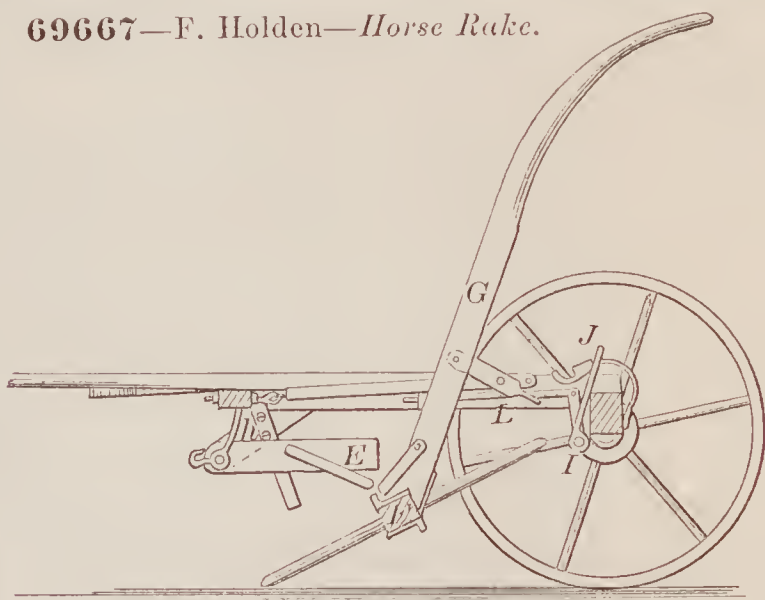
69665—C. Hellen—*Egg Cup.*



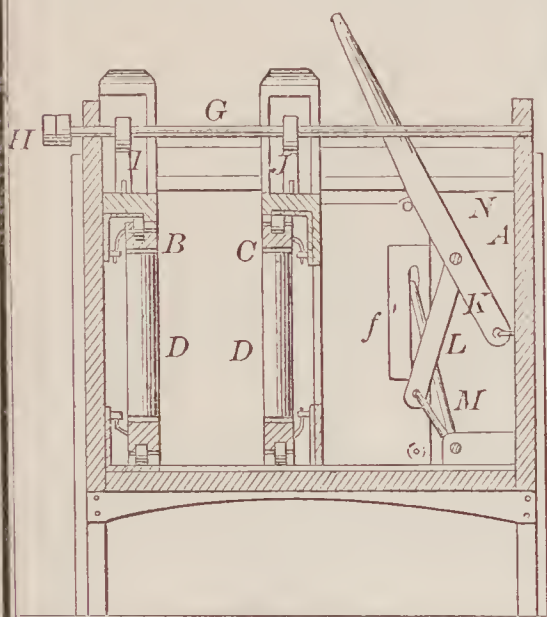
69664—M. C. Hawkins—*Tip for Suspending Brooms, &c.*



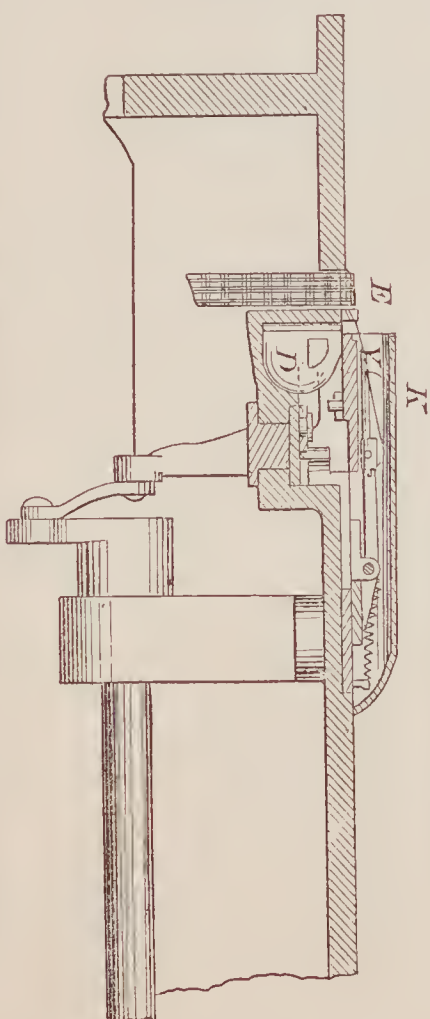
69667—F. Holden—*Horse Rake.*



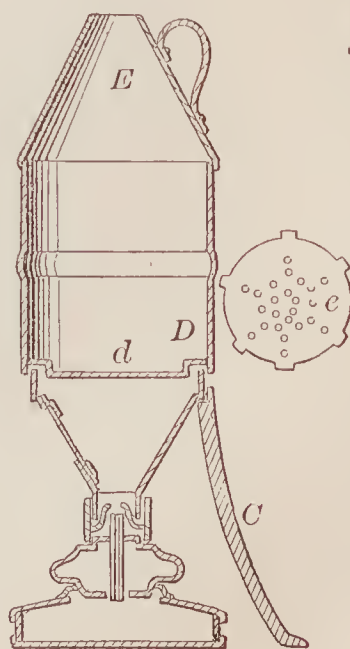
69668—S. R. Holmes—Washing Machine.



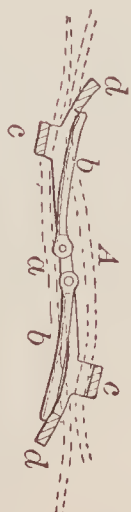
69671—Howard & Jackson—Button Hole Sewing Machine.

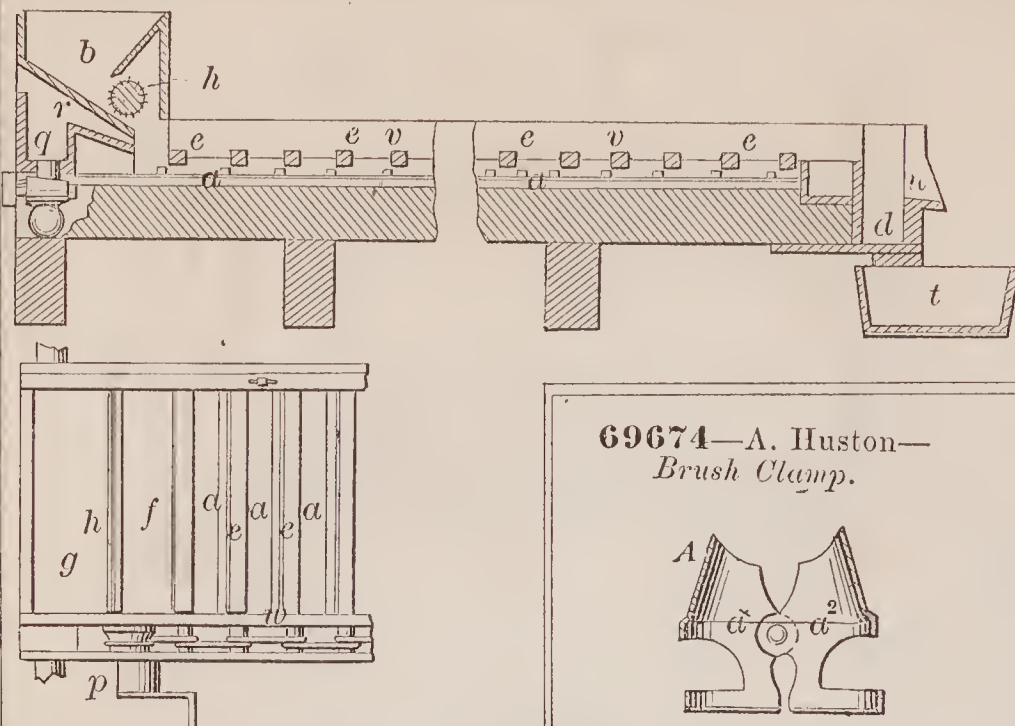
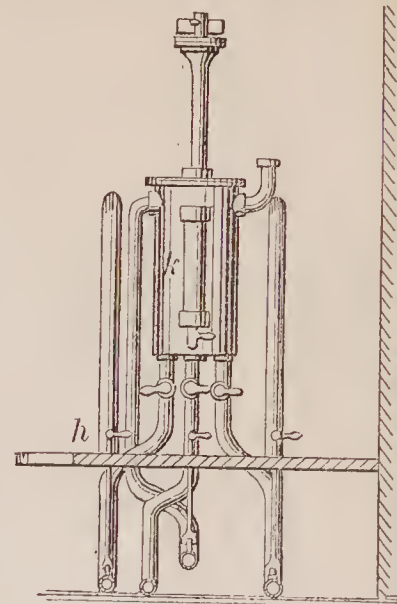
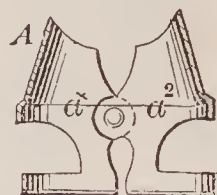
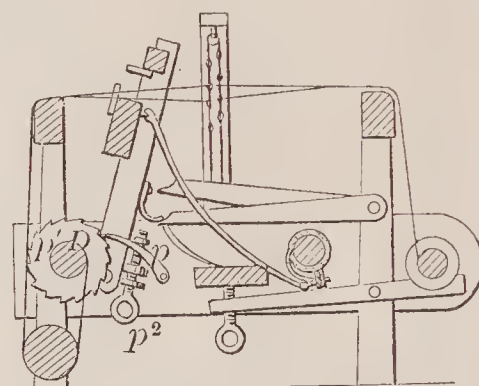
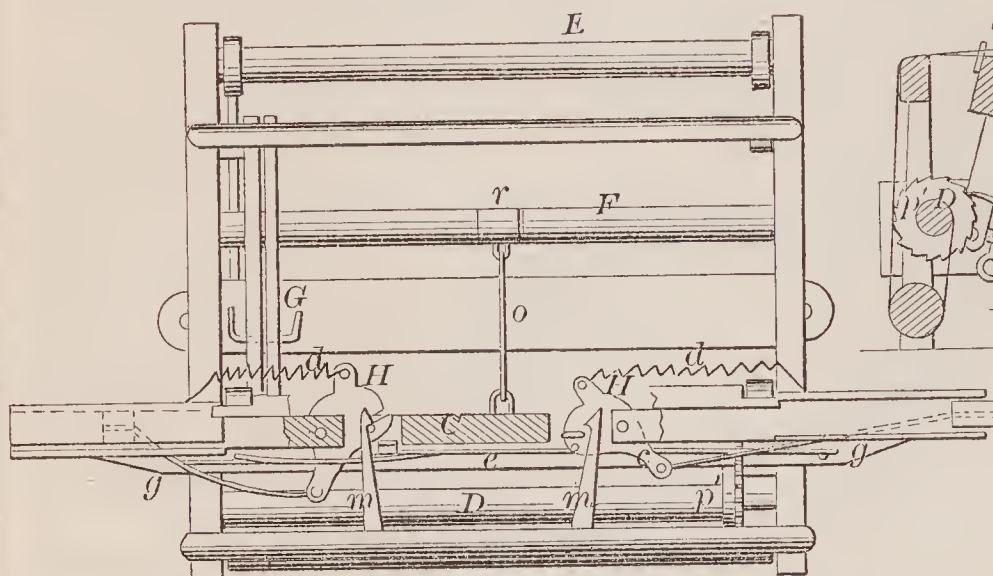
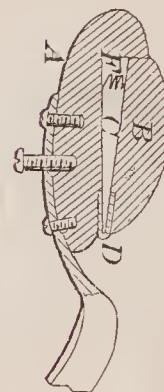
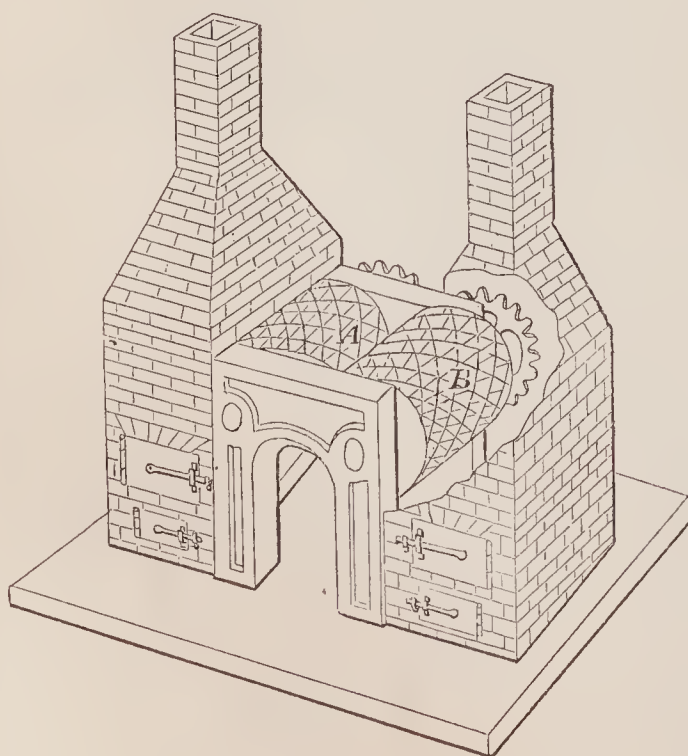
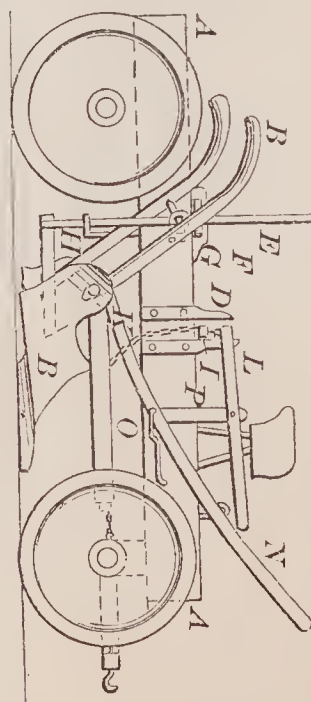


69670—J. C. House—Lamp Heater for Dental Purposes.

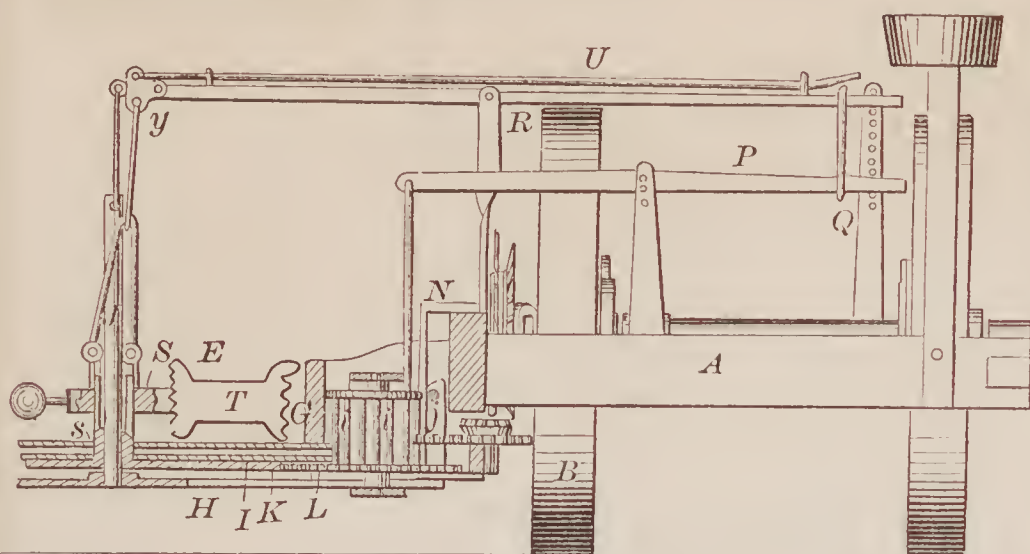


69669—A. H. Hopkins—*Buckley*.

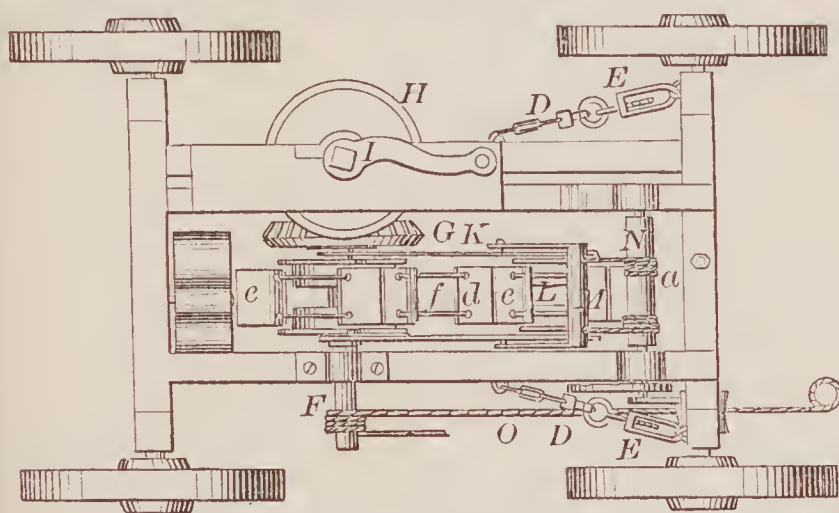
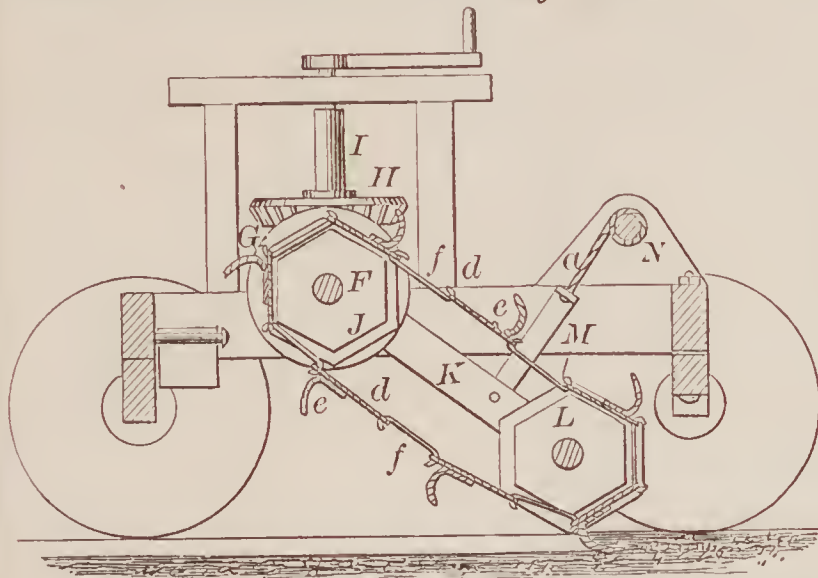


69672—W. W. Hubbell—*Amalgamator.***69675**—J. Ingram—*Bathing Apparatus.***69674**—A. Huston—*Brush Clamp.***69673**—H. D. Hunt—*Hand Loom.***69676**—W. J. Johnson—*Truss Pad.***69677**—J. Jones—*For Compressing Peat.***69678**—J. L. Keasor—*Self-Acting Plow Holder.*

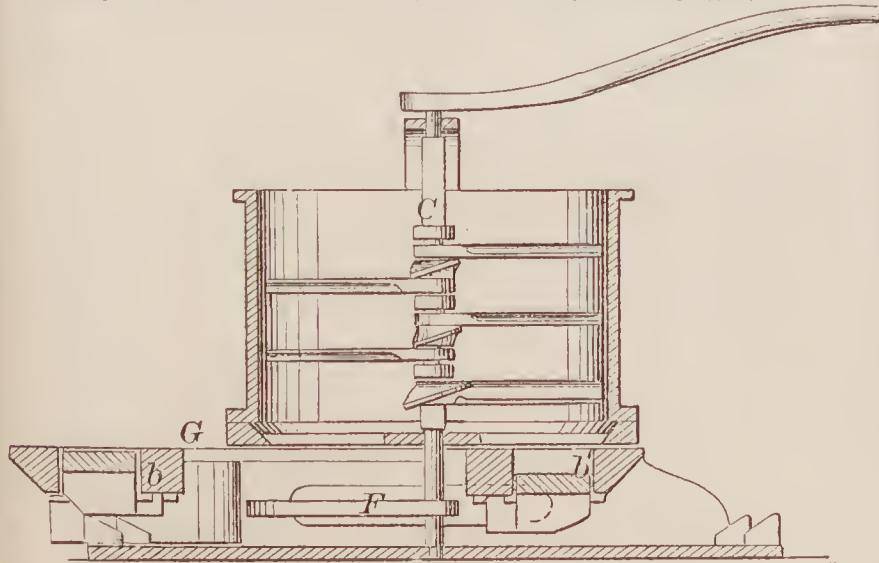
69679—J. M. & M. L. Kellar—*Harvester.*



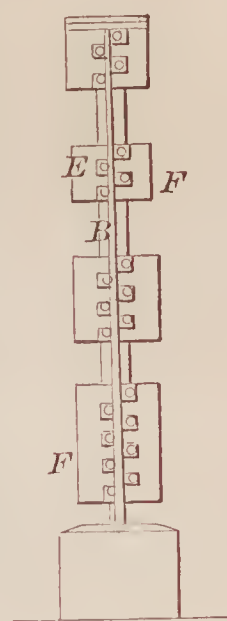
69682—A. La Tourrette—*Ditching Machine.*



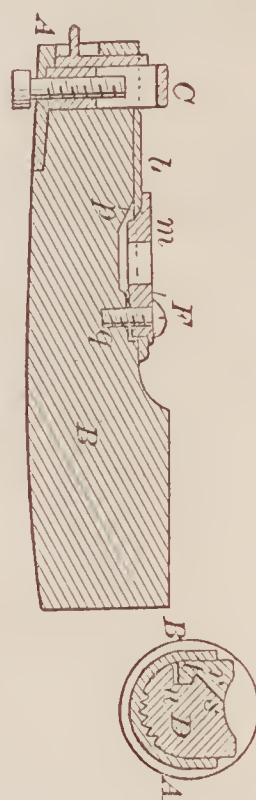
69683—La Tourrette & Smith—*Brick Machine.*



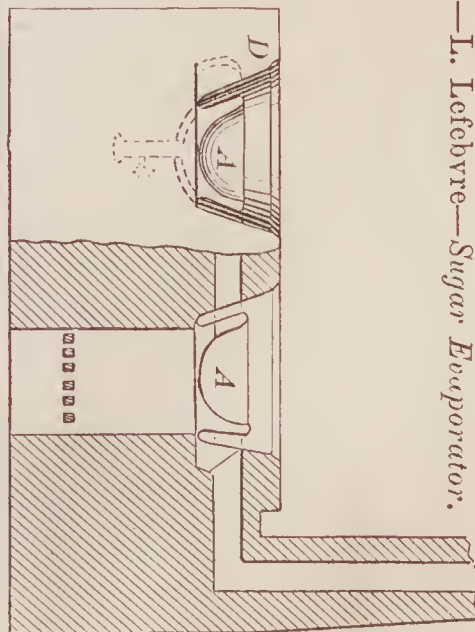
69680—J. E. & A. H. Kendeigh—*Fence Post.*

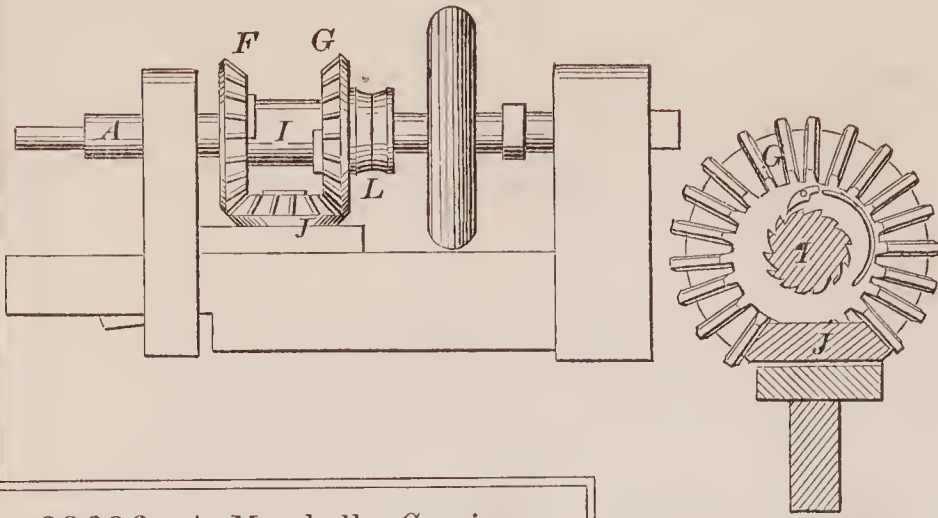
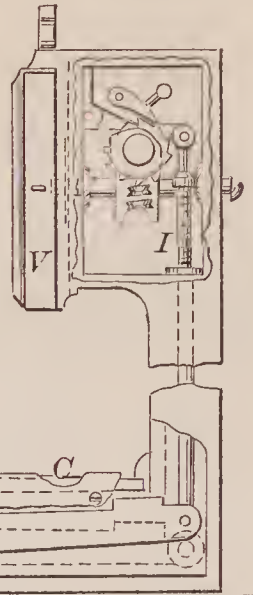
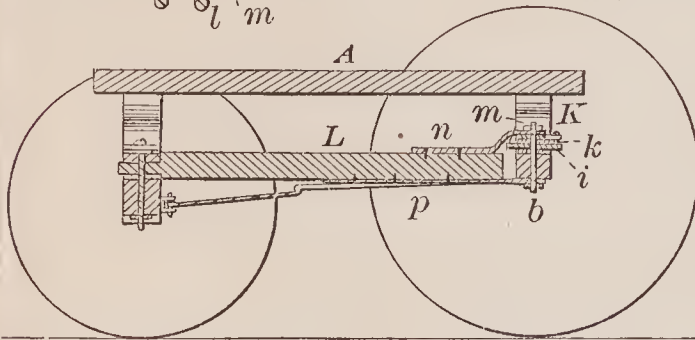
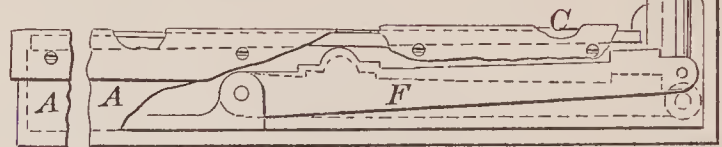
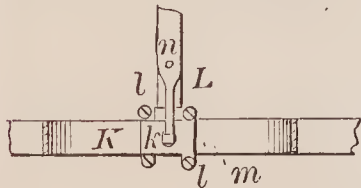
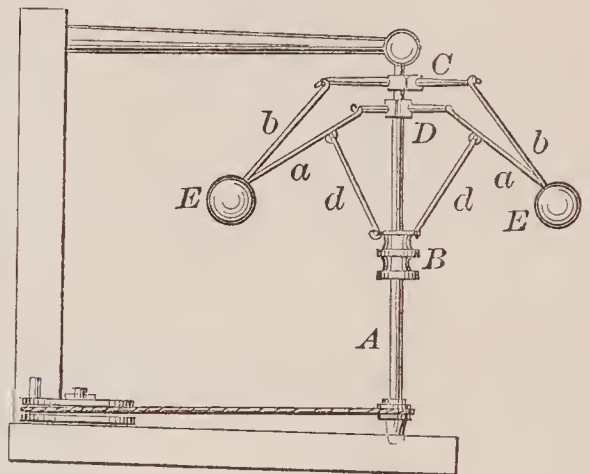
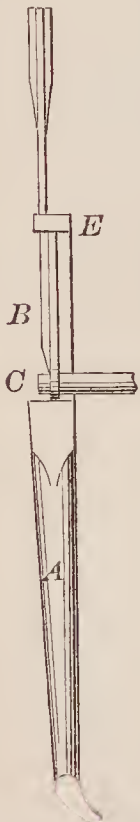
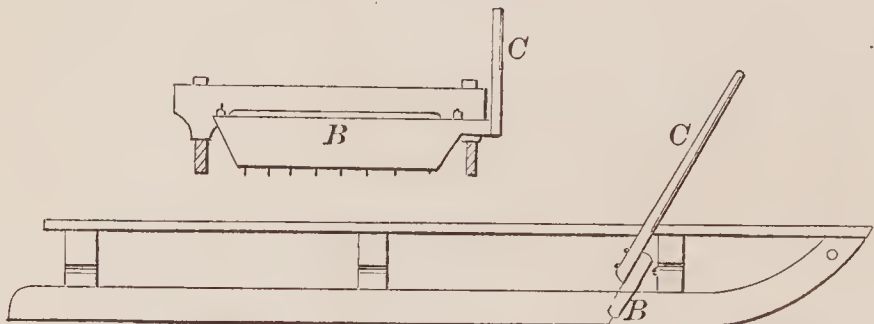
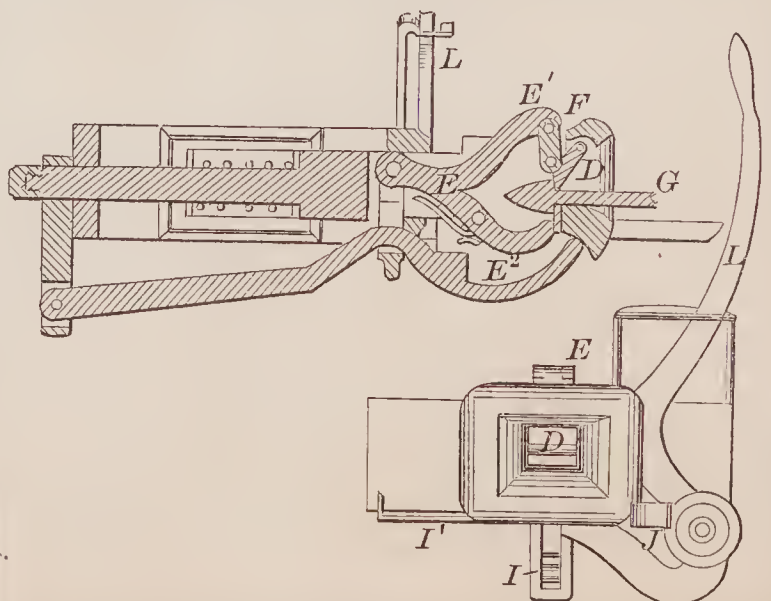
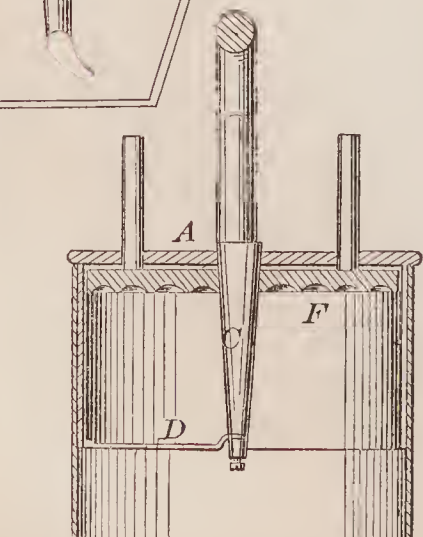


69681—S. U. King—*Seythe Fastening.*

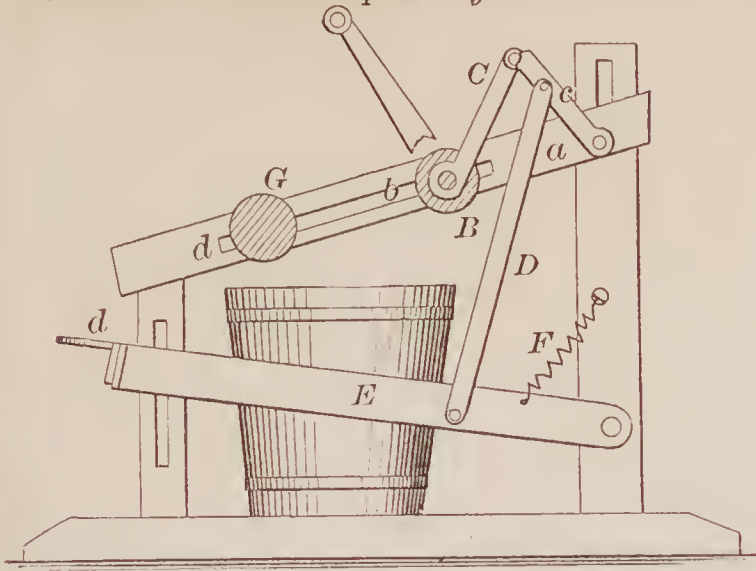


69684—L. Lefebvre—*Sugar Evaporator.*

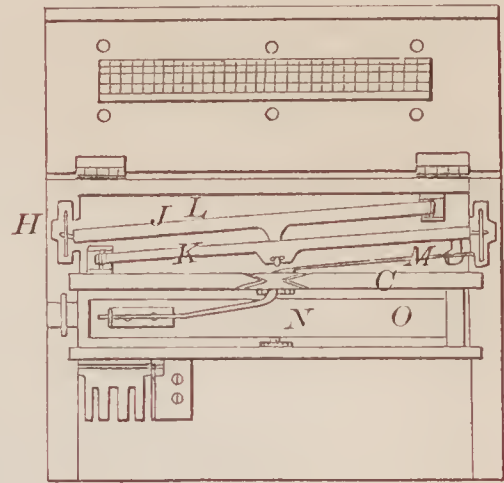


69685—B. M. Lewy—*Lathe.*69688—J. Melling—*Passenger Register.*69686—A. Marshall—*Carriage Truck.*69687—E. L. McNett—*Governor.*69691—F. Meyer—*Scoop for Scales.*69689—M. J. Mellyn—*Cutting Tool.*69692—T. S. Minniss—*Sled Brake.*69693—Moore & Baker—*Car Coupling.*69690—A. N. Merritt—*Butter Cutter.*

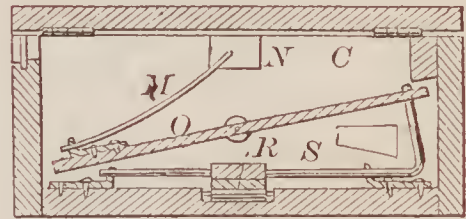
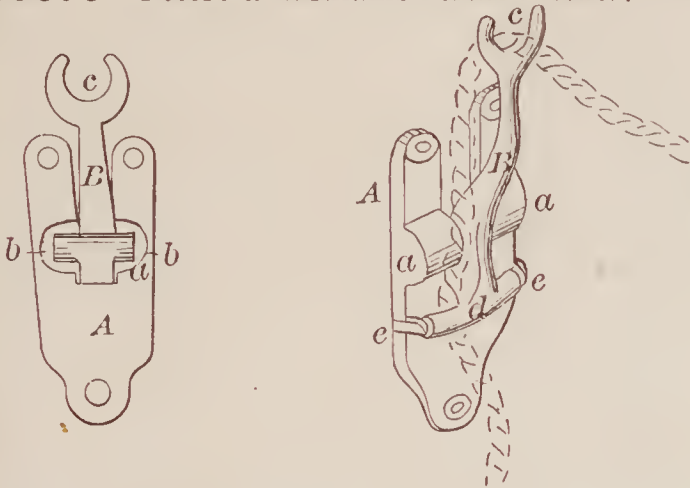
69694—D. Peck—Mop Wringer.



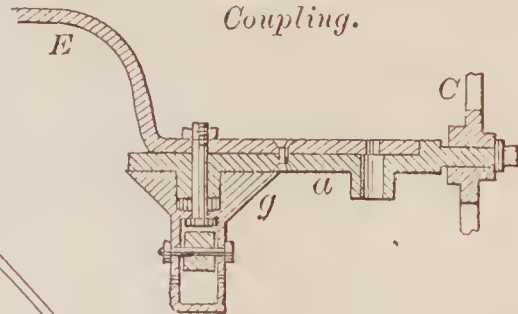
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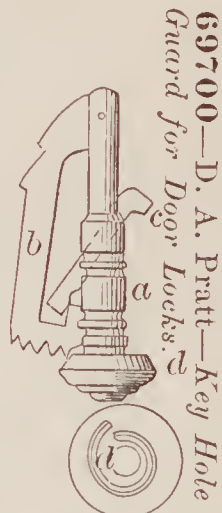
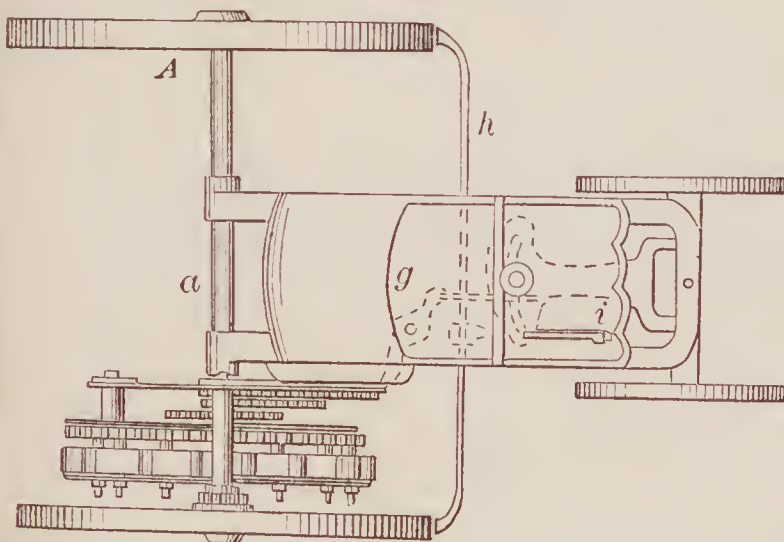
69696—Peters & Williams—Line Holder.



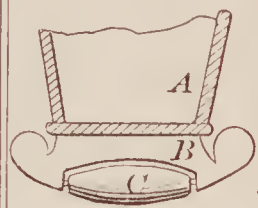
69697—J. Pierpont—Cultivator Coupling.



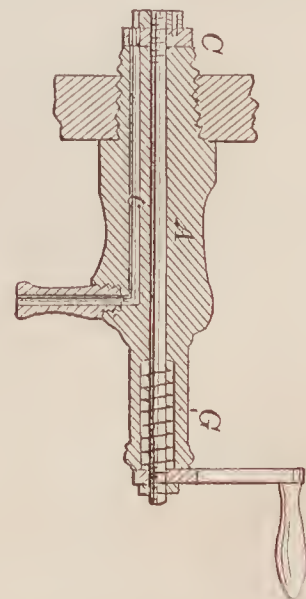
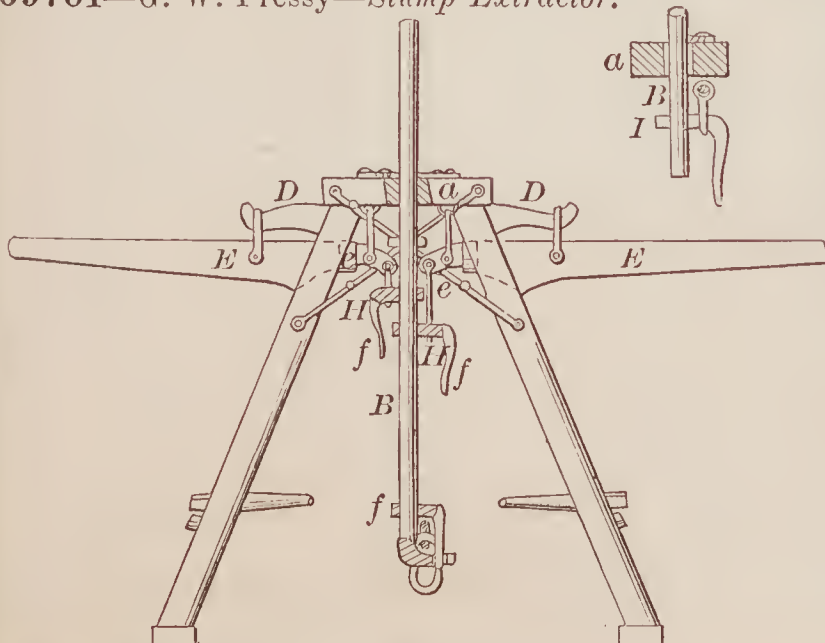
69699—D. A. Pratt—Motive Power.



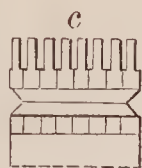
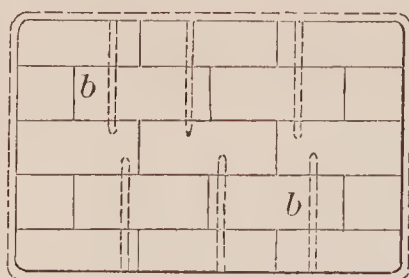
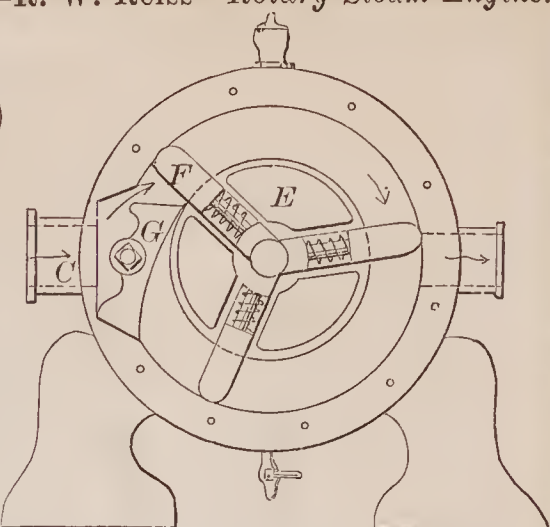
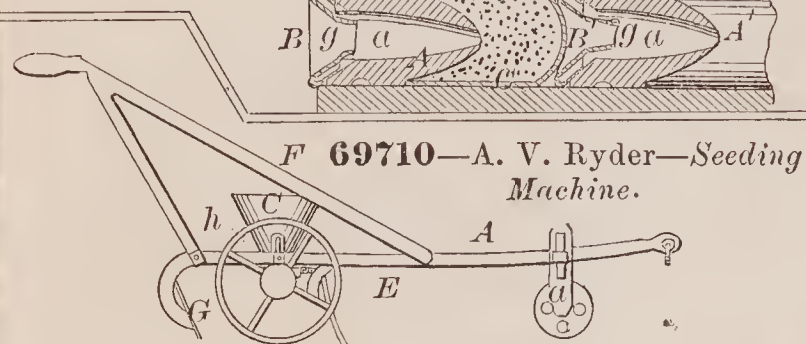
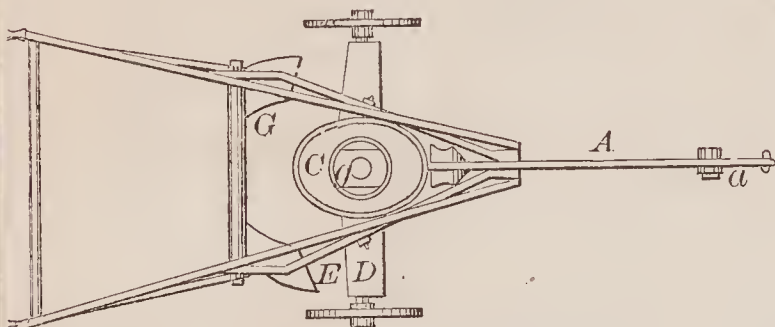
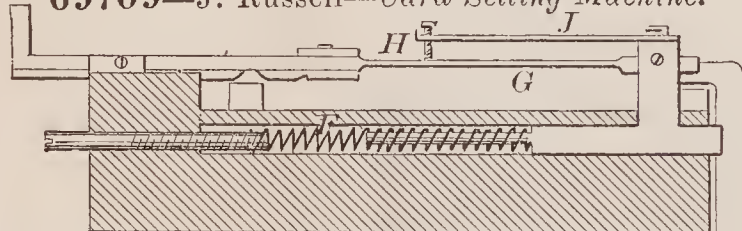
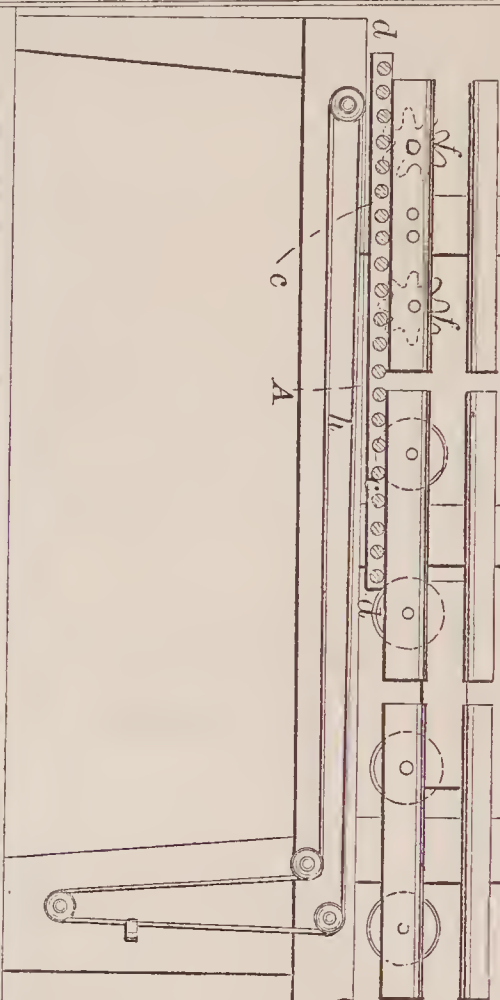
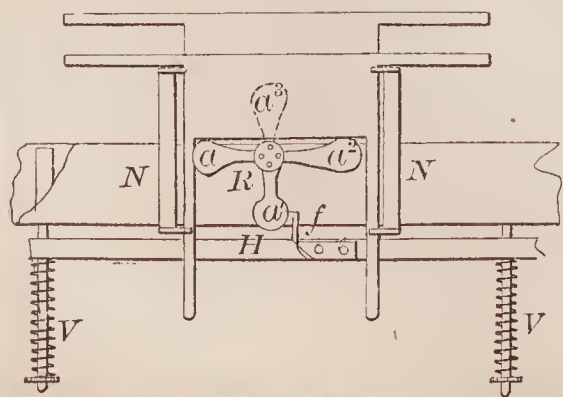
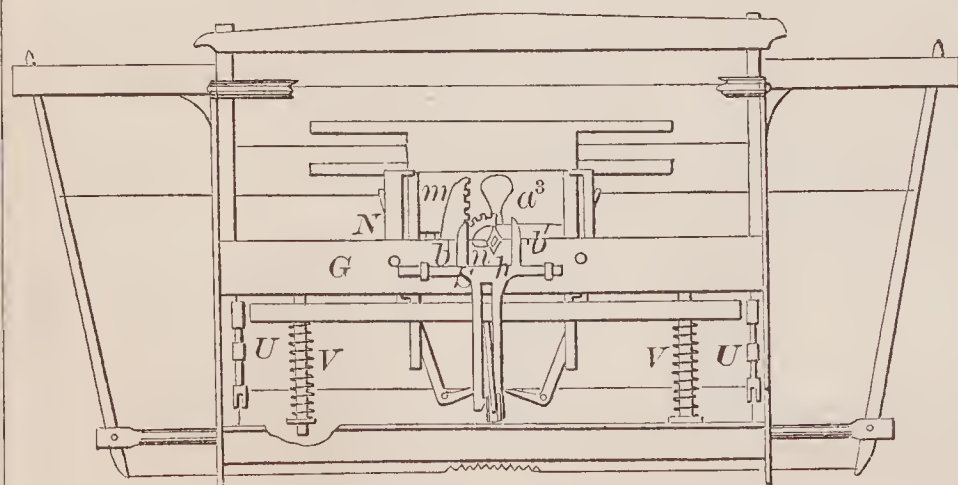
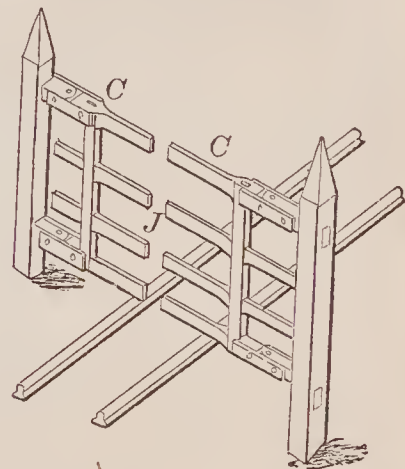
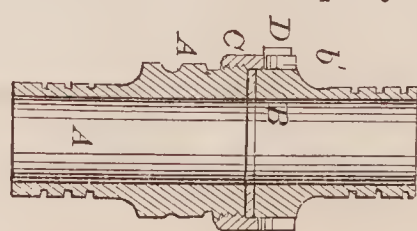
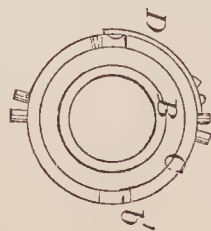
69698—P. Power—Rocker for Cradles.



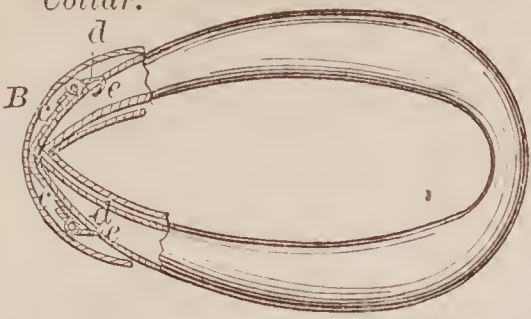
69701—G. W. Pressy—Stump Extractor.



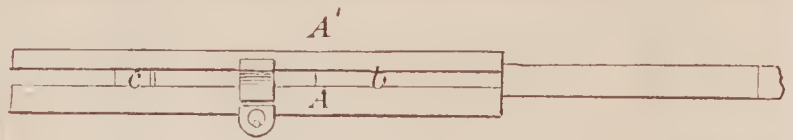
69702—J. G. Raymond—Boiler Gauge Cock.

69703—R. L. Ream—*Wooden Pavement.*69705—R. W. Reiss—*Rotary Steam Engine.*69707—J. Rupertus—*Cartridge for Fire Arms.*69710—A. V. Ryder—*Seeding Machine.*69709—J. Russell—*Card Setting Machine.*69708—J. Rushworth—*Loom for Weaving Ribbons, &c.*69711—L. Scofield—*Loom.*69704—P. S. Reist—*Self-Adjusting Elastic Gate.*69706—L. J. Roberts—*Hose Coupling.*

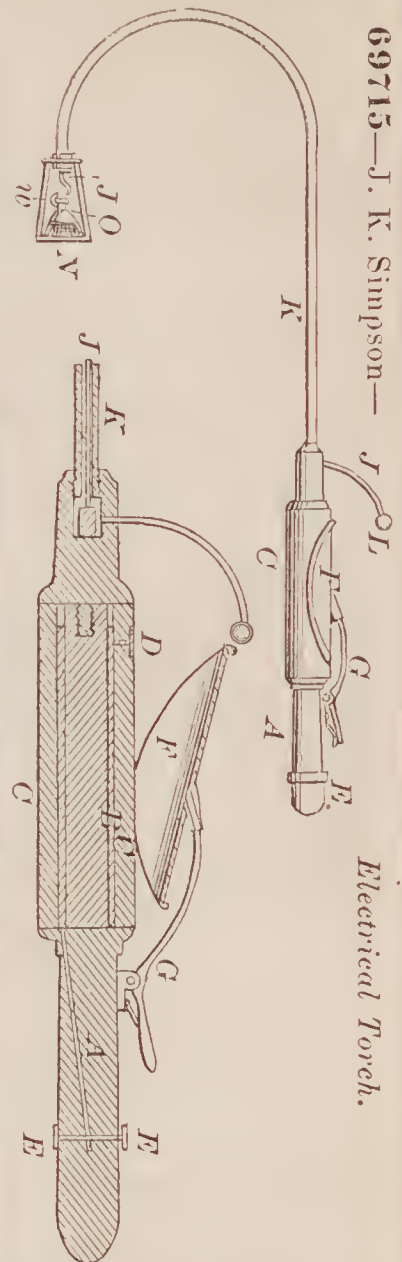
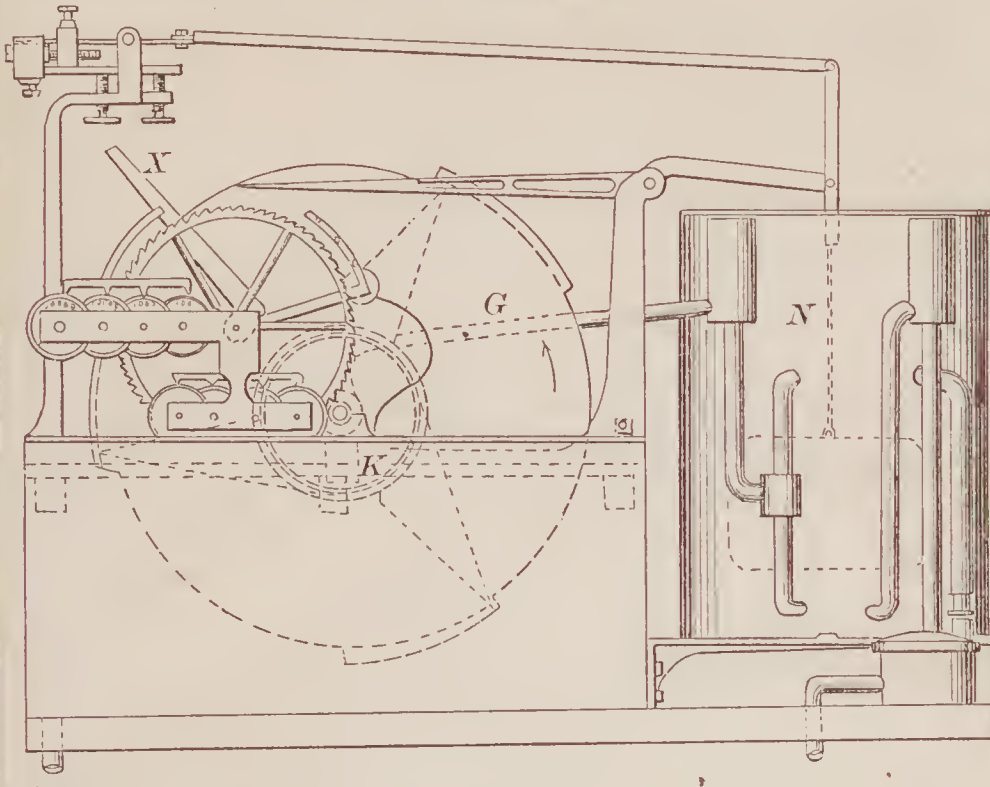
69712—Shipley & Moody—*Horse Collar.*



69716—F. Smith—*Wagon Hound and Pole Brace.*

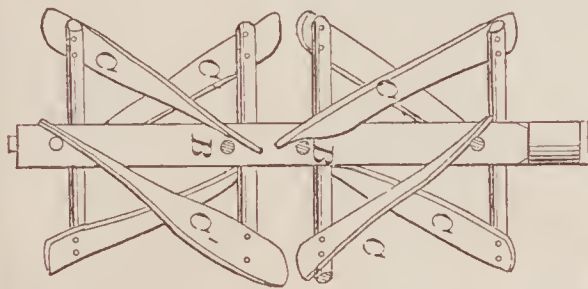


69714—Siemens & Halske—*Spirit Meter.*

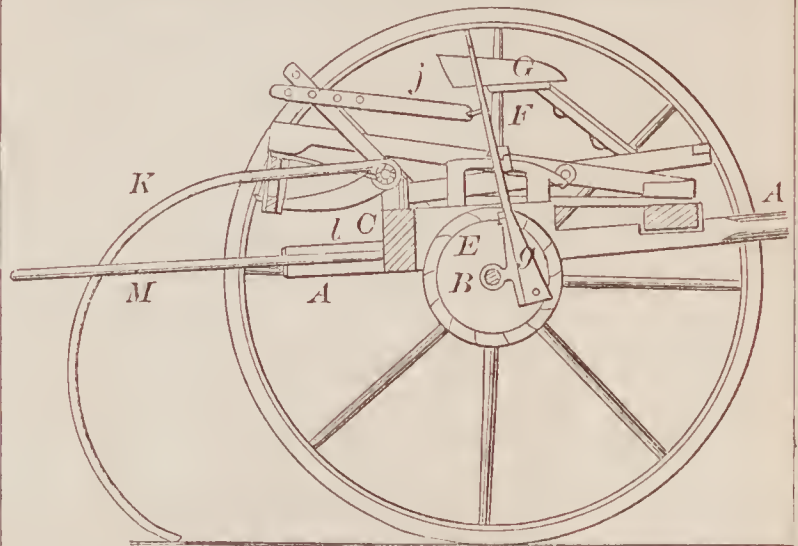


69715—J. K. Simpson—*Electrical Torch.*

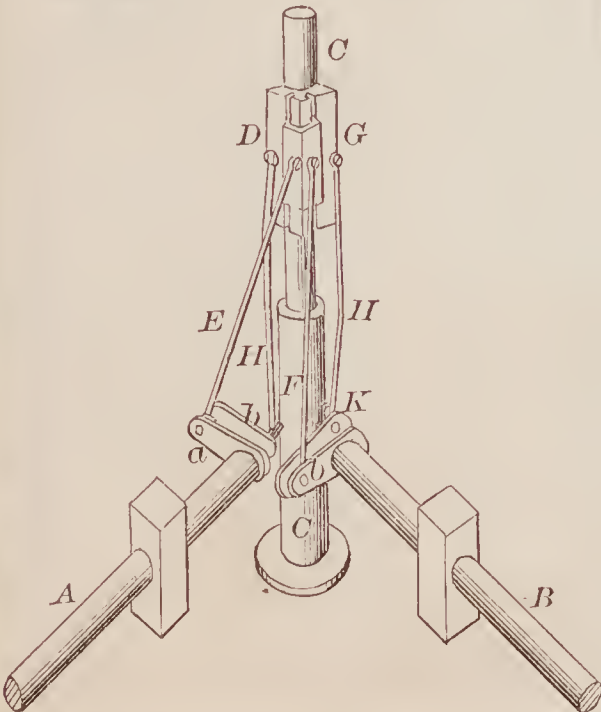
69718—J. Smith—*Churn Dasher.*



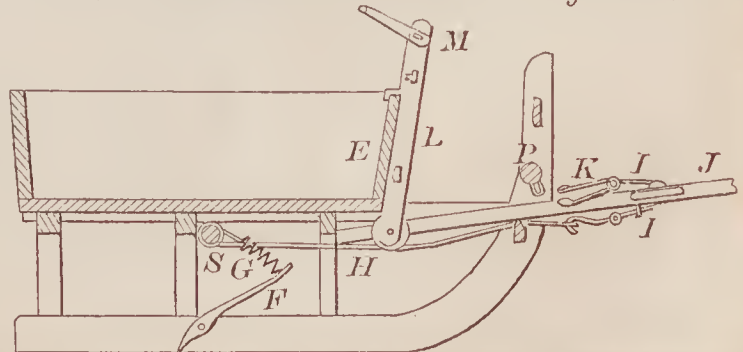
69713—J. H. Shireman—*Horse Rake.*

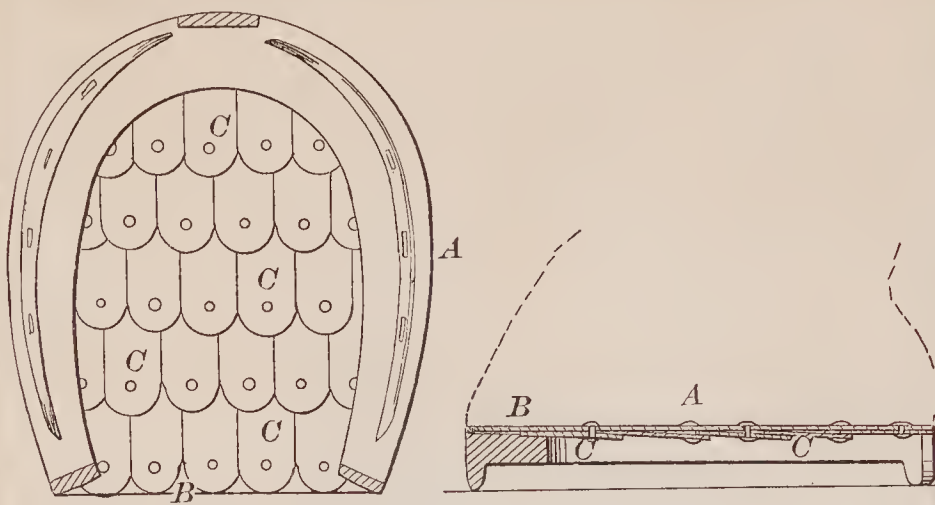
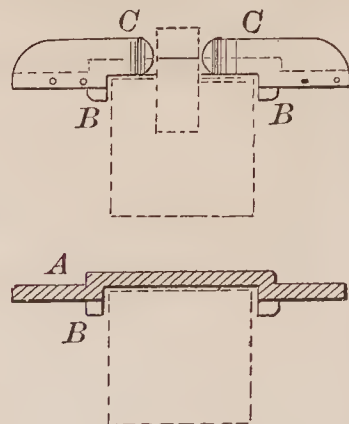
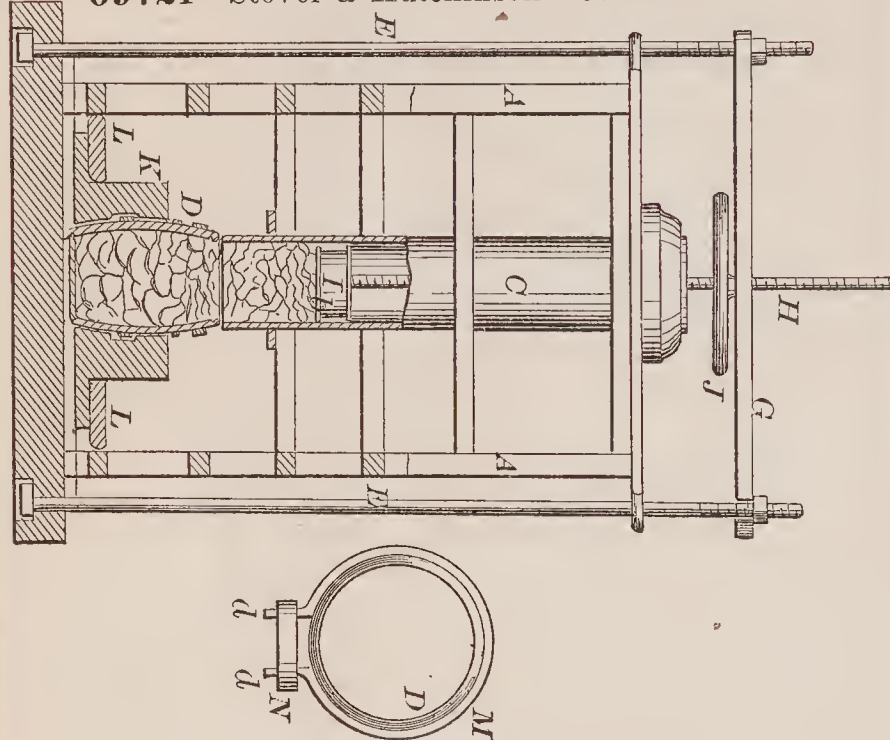
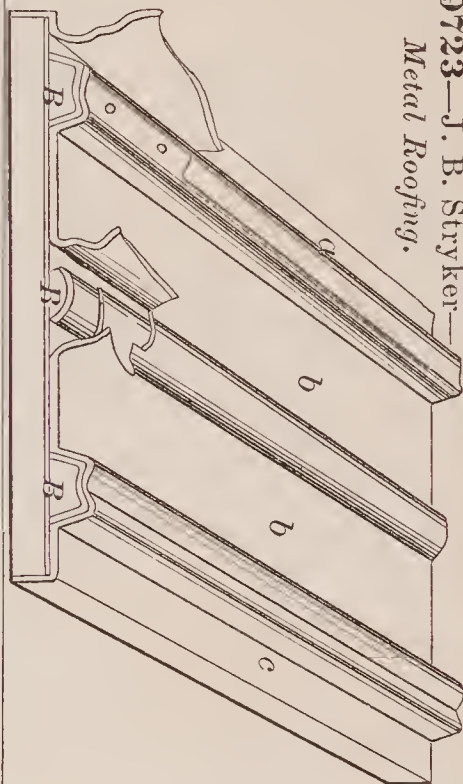
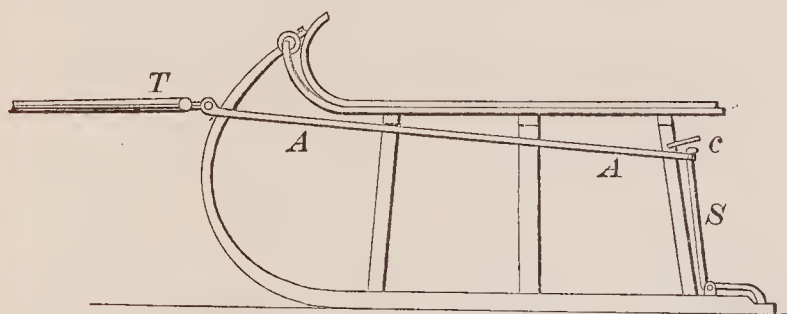
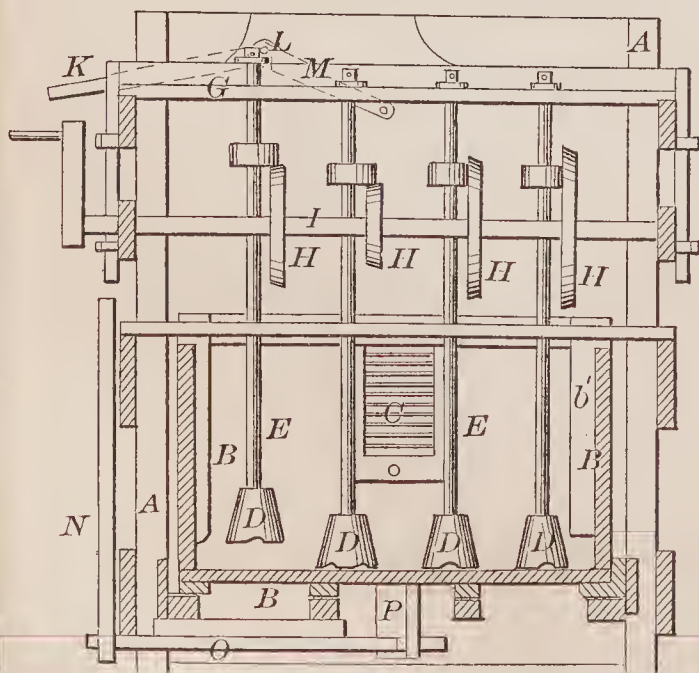
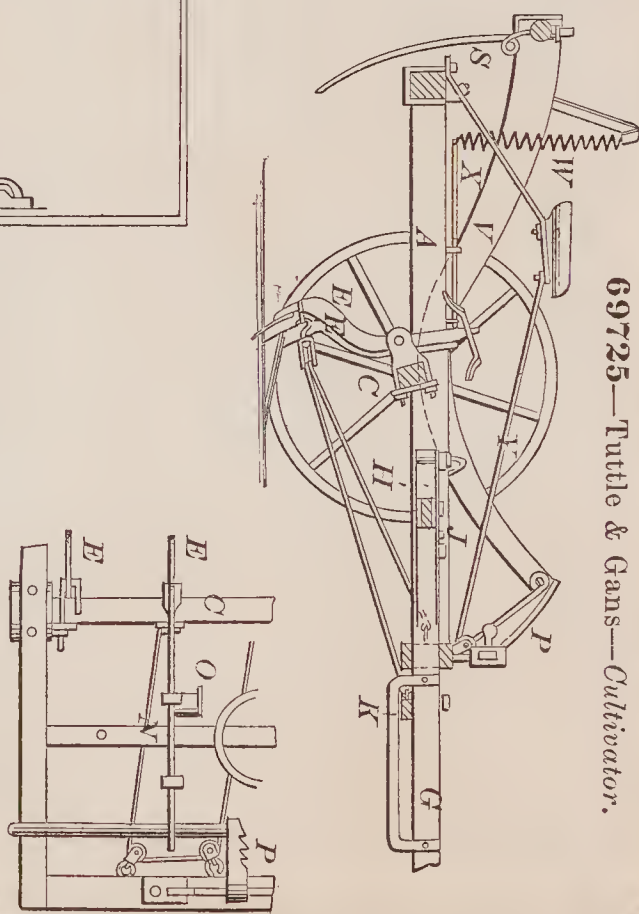


69719—Snell & Penney—*Mechanical Movement.*

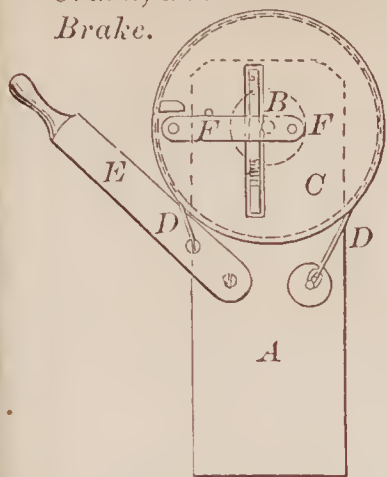


69717—H. W. & B. C. Smith—*Sleigh Brake.*

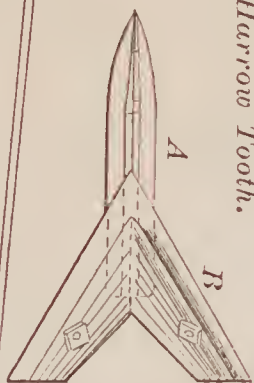


69720—H. Splitdorf—*Armor for Horses' Hoofs.*69722—J. E. Strode—*Wagon Brace and Fender.*69721—Stover & Hutchinson—*Cotton Press.*69723—J. B. Stryker—*Metal Roofing.*69724—Teelin & Swift—*Sleigh Brake.*69726—J. Vail—*Washing Machine.*69725—Tuttle & Gans—*Cultivator.*

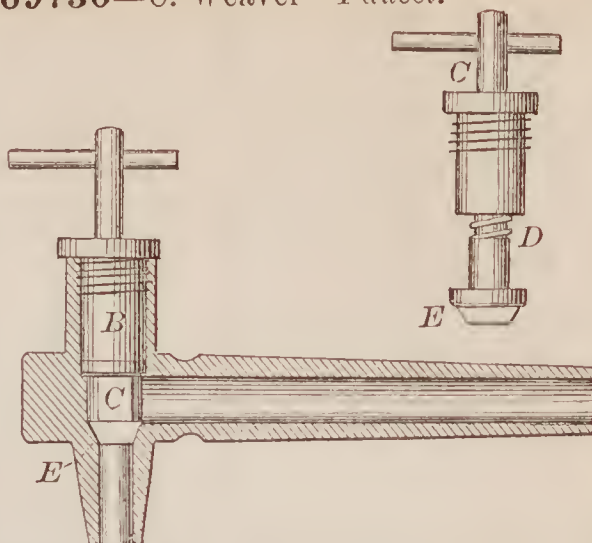
69727—R. M. Van Siekler—*Crank, Friction Wheel and Brake.*



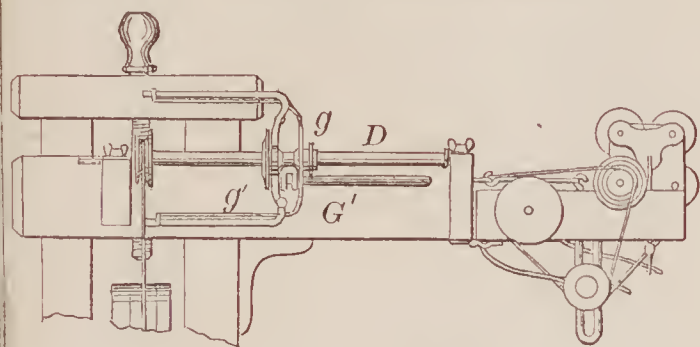
69731—West & Paul—*Cultivator and Harrow Tooth.*



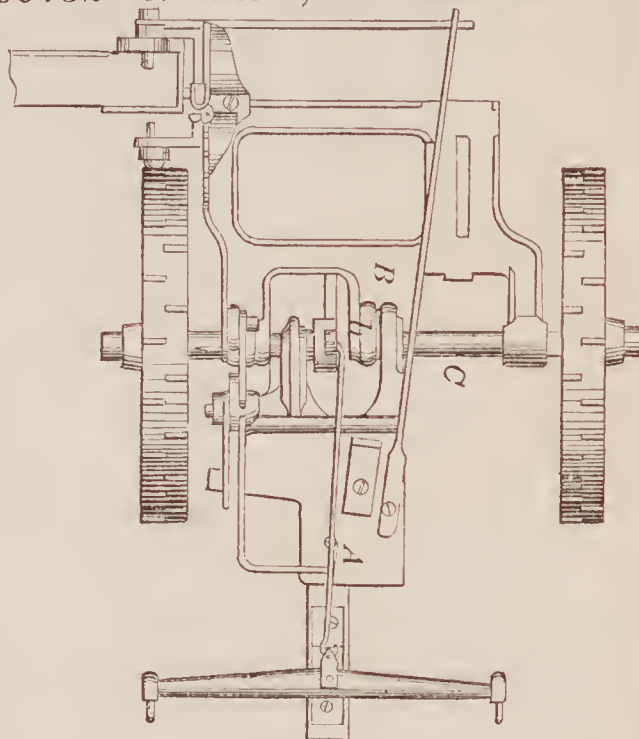
69730—C. Weaver—*Faucet.*



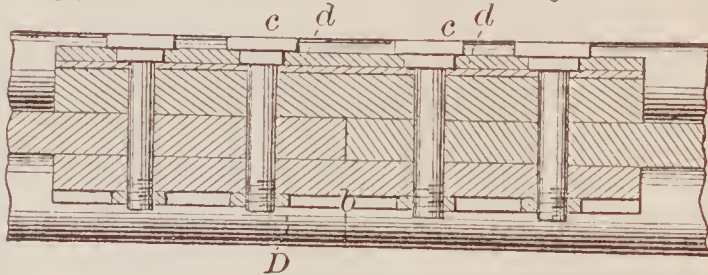
69728—F. Voegtli—*Spinning Machine*



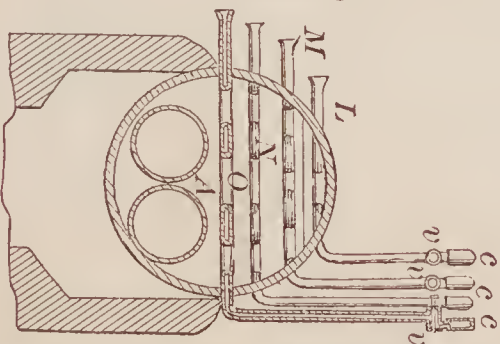
69732—C. Wheeler, Jr.—*Harvester.*



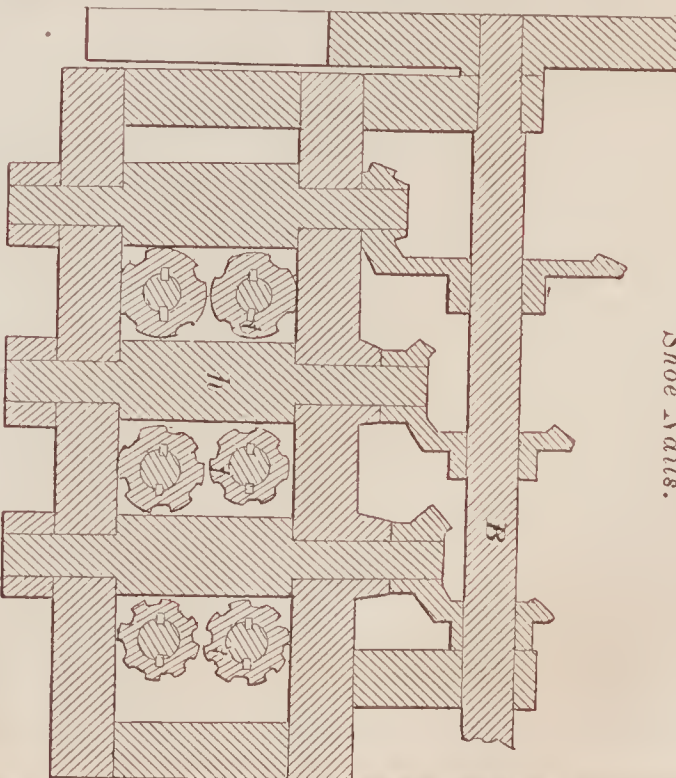
69733—T. Whittemore—*Railway.*

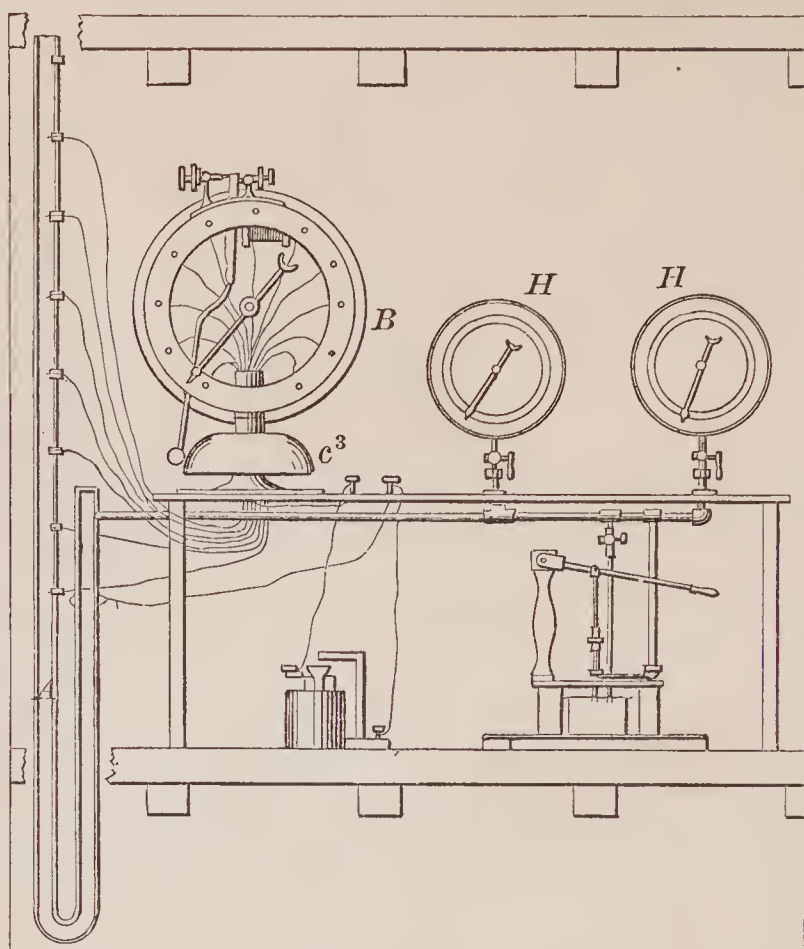
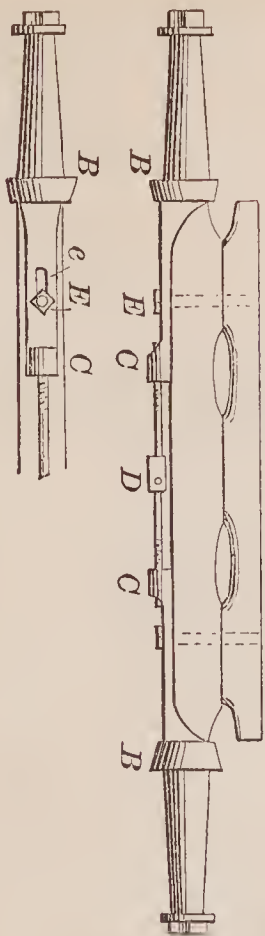
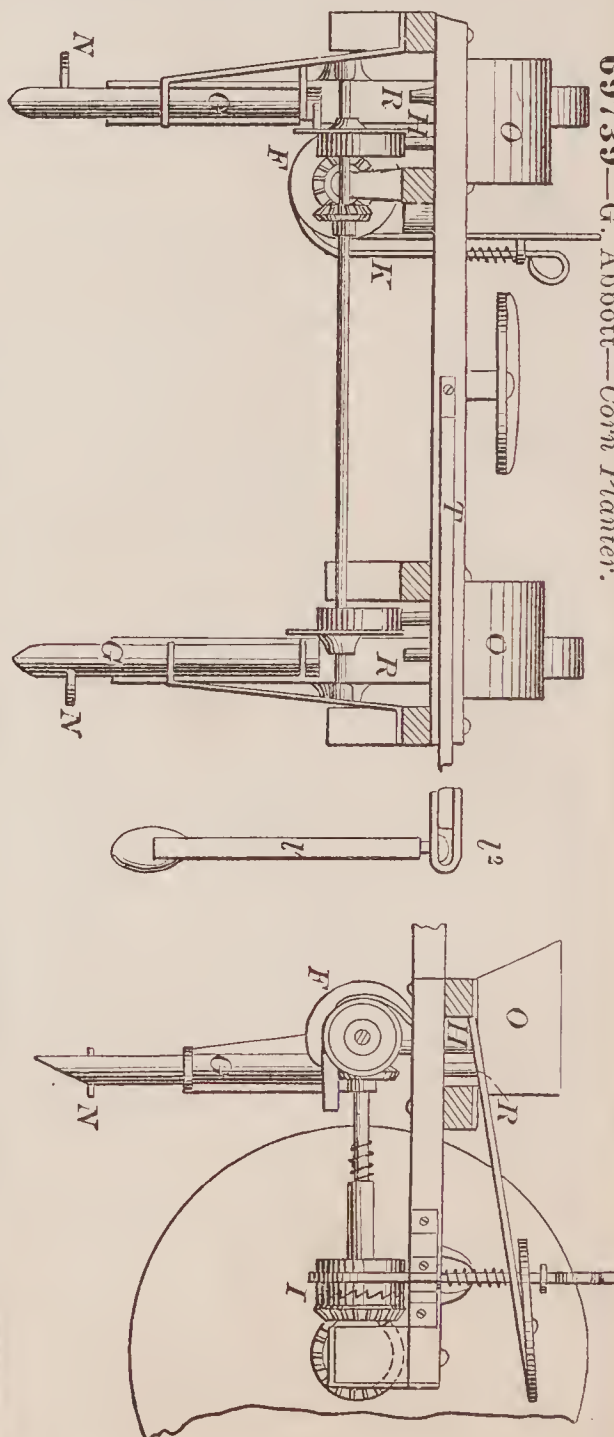
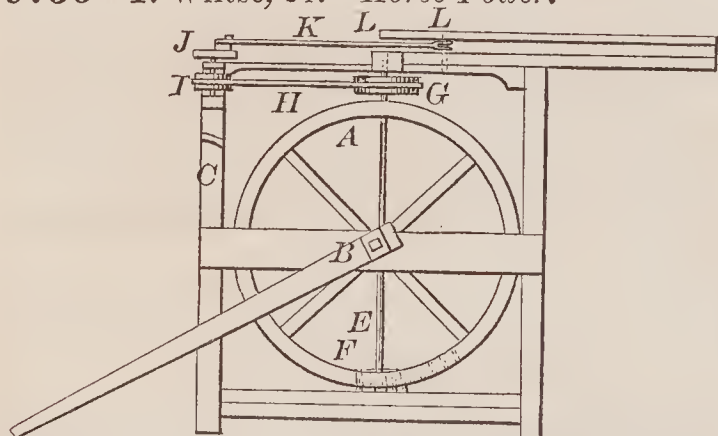
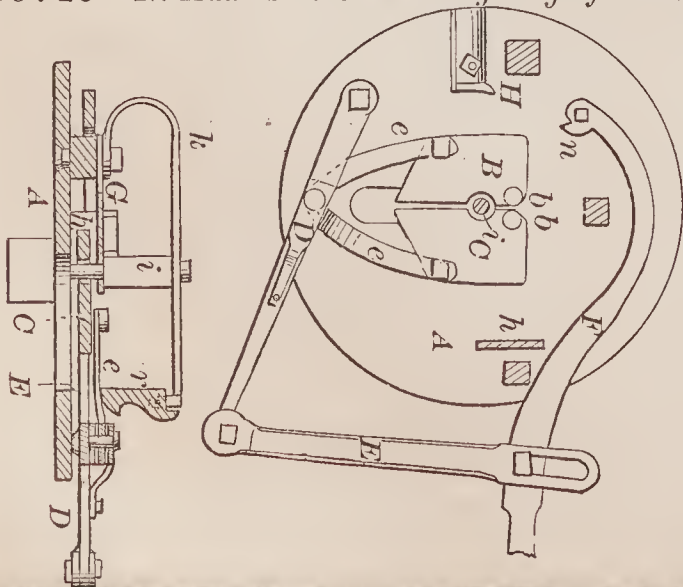


69729—J. C. Walker—*Hot Air, Steam and Water Gauge.*

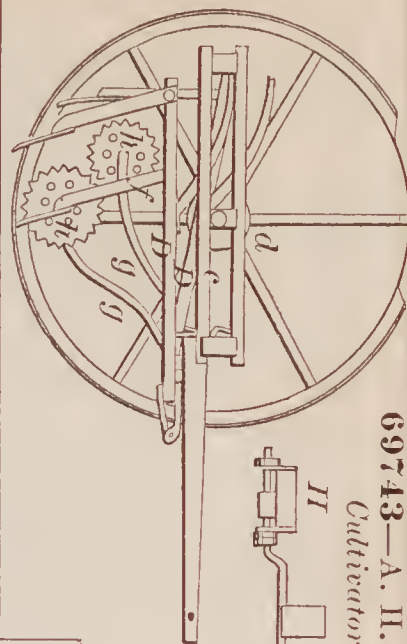
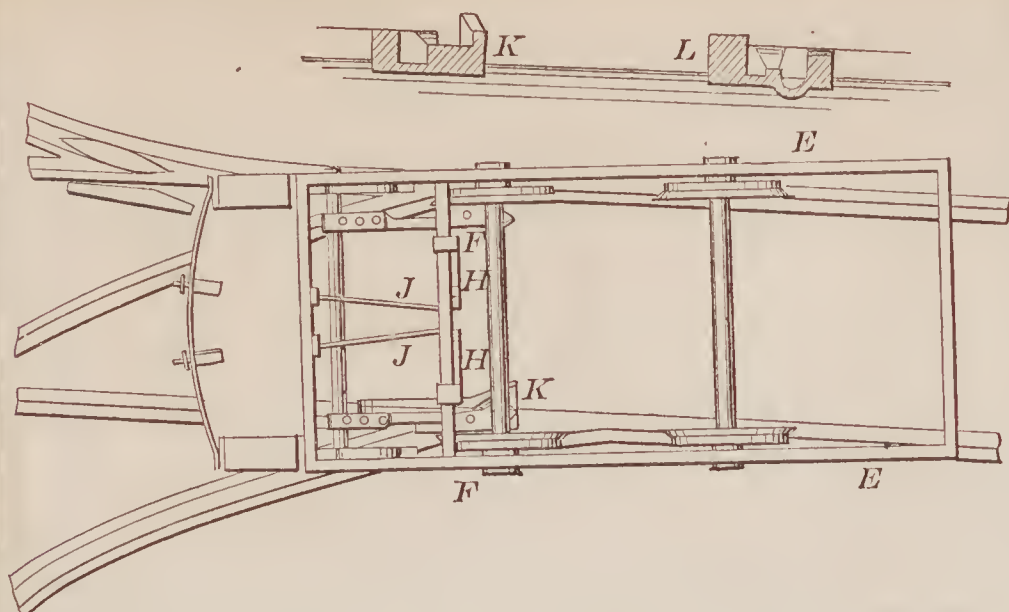


69734—W. Wickersham—*For Making Horse Shoe Nails.*



69737—E. A. Wood—*Electric Steam Gauge.*69735—J. A. Williams—*Thimble Steer for Axes.*69739—G. Abbott—*Corn Planter.*69736—T. Wiltse, Jr.—*Horse Power.*69740—N. Adams—*For Making Keys for Bolts.*

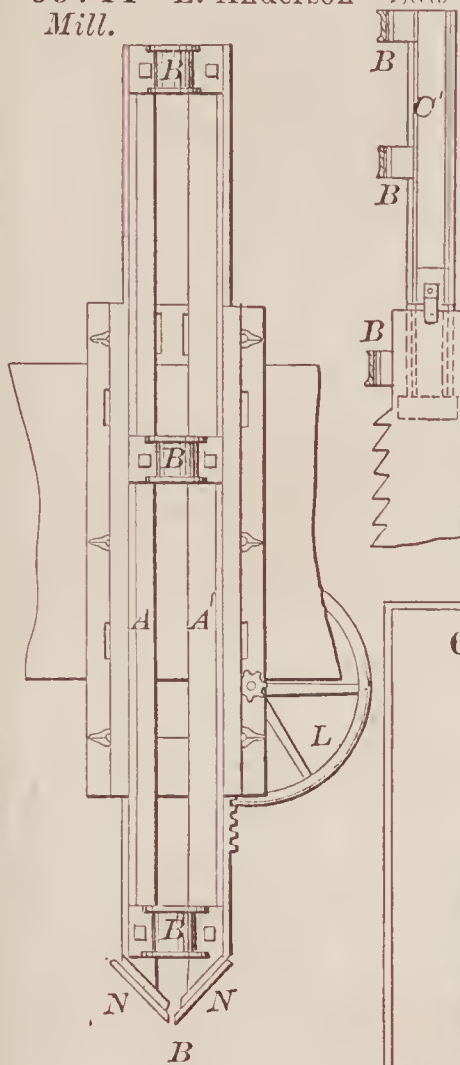
69741—Allen & Snow—*Railroad Switch.*



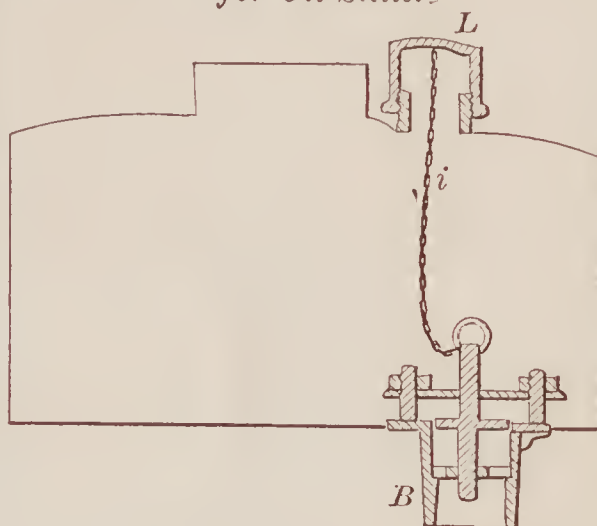
69743—A. H. Allison—*Cultivator.*



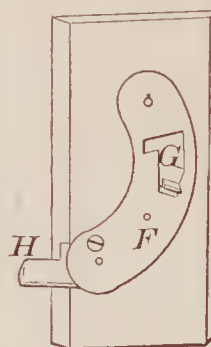
69744—L. Anderson—*Saw Mill.*



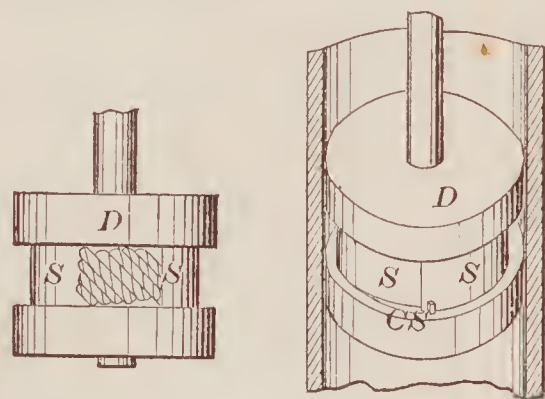
69745—S. Andrews—*Safety Valve for Oil Stills.*



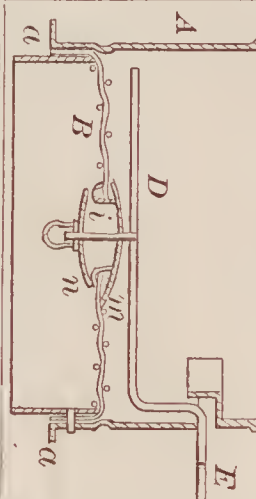
69746—H. G. Arnold—*Window Sash Fastener.*



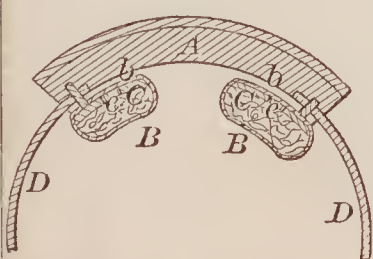
69747—M. W. Baily—*Piston Packing.*



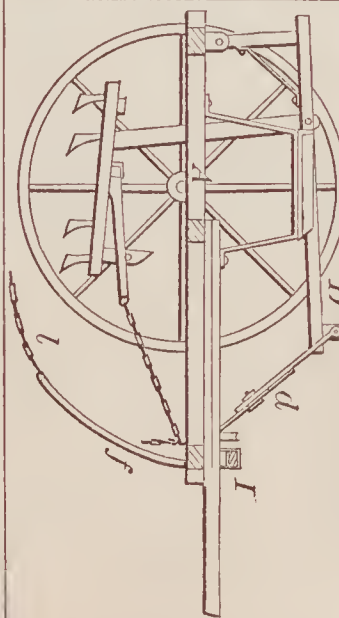
69748—D. W. Barker—*Ash Sifter.*



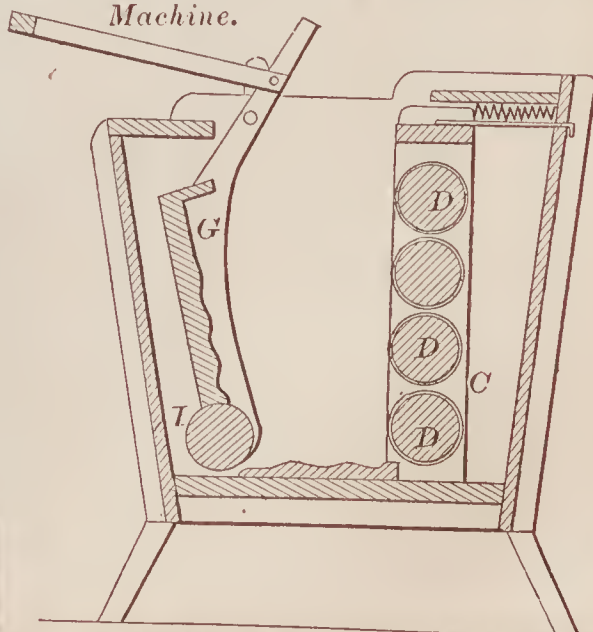
69749—J. Bea—*Cart Saddle.*

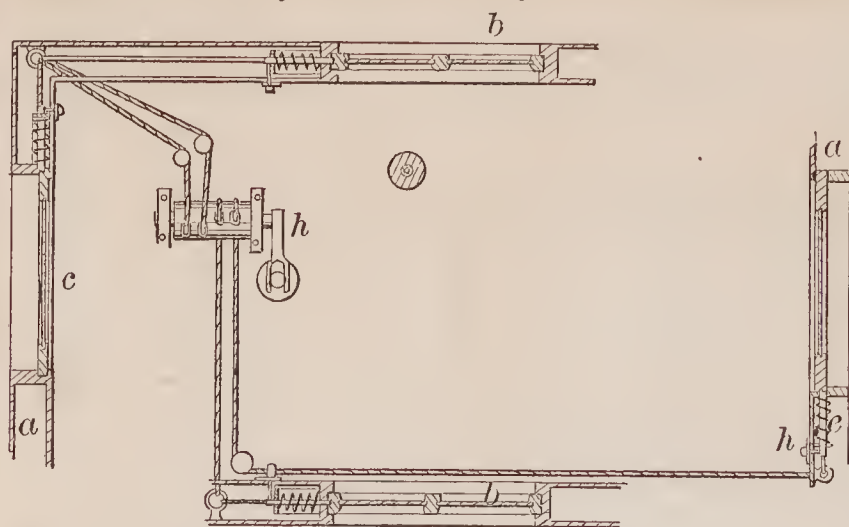
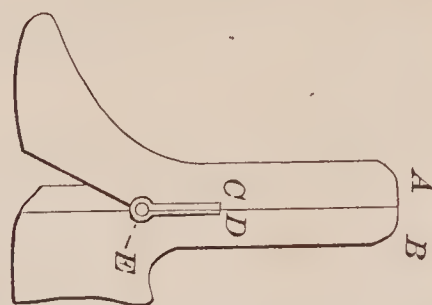
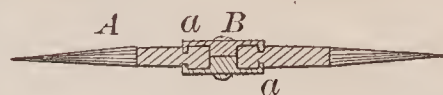
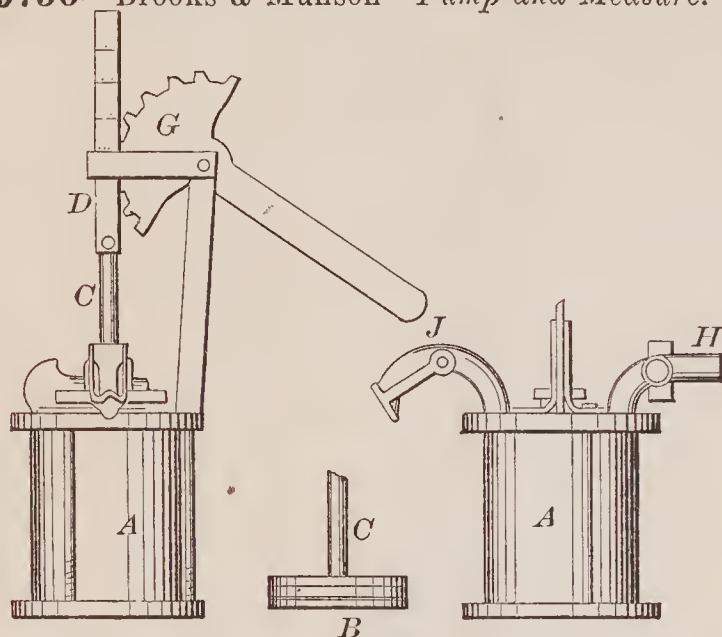
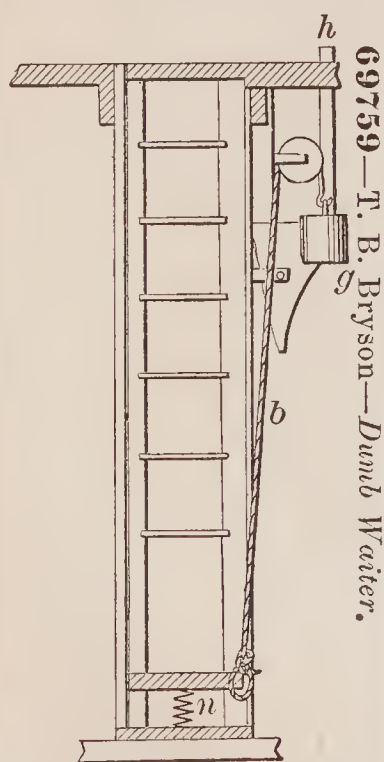
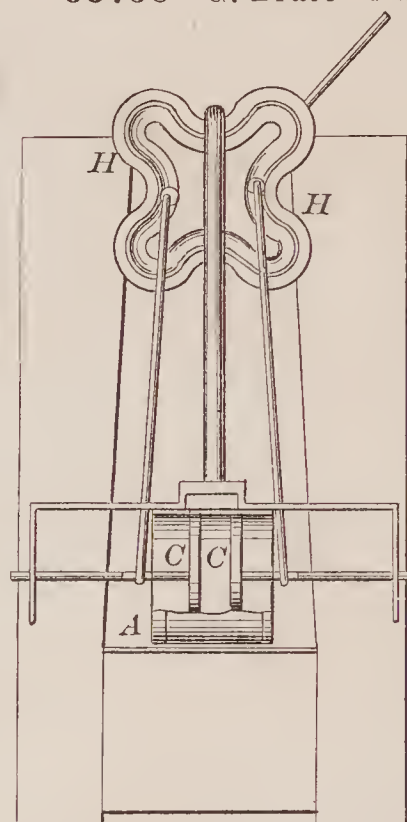
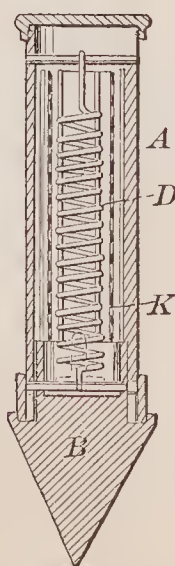
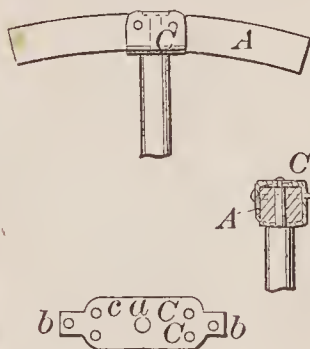
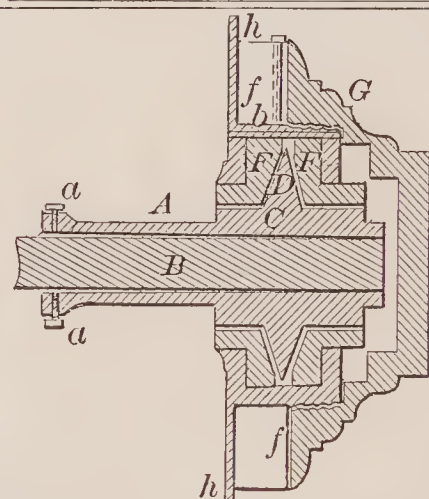
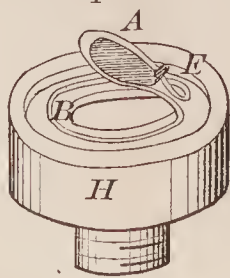
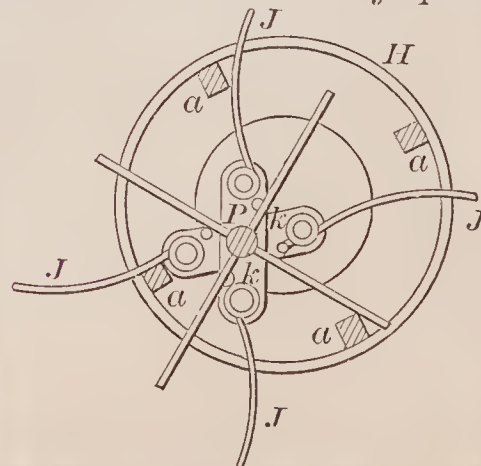


69750—Bean & Tyson—*Cultivator.*

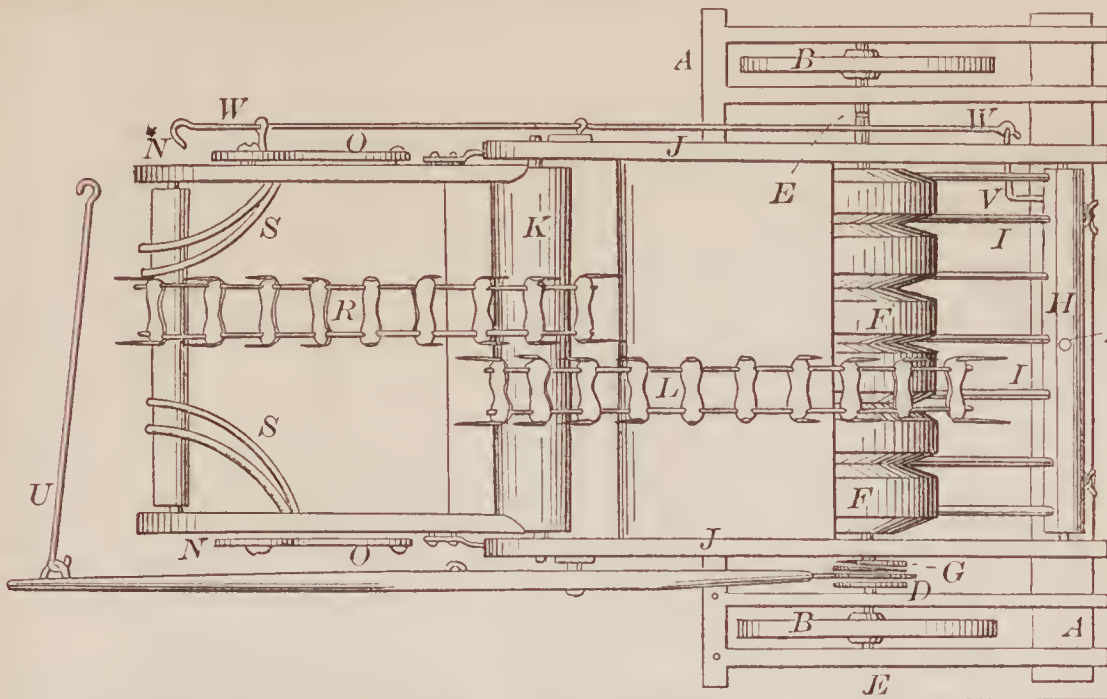


69751—Bernhardt & Houston—*Washing Machine.*



69753—A. H. Boyd—*For Locking Doors and Windows.***69754**—A. N. Breneman—*Shoe Holder.***69755**—J. H. Briggs—*Comb.***69756**—Brooks & Munson—*Pump and Measure.***69758**—G. Bruce—*Pump.***69759**—T. B. Bryson—*Dumb Waiter.***69757**—R. Brooks, Jr.—*Carriage Wheel.***69762**—H. G. Cady—*Well Point.***69763**—H. G. Cady—*Pump Valve.***69760**—D. M. Buckhout—*Hub and Axle for Vehicles.***69761**—G. E. Burt—*Hay Spreader.*

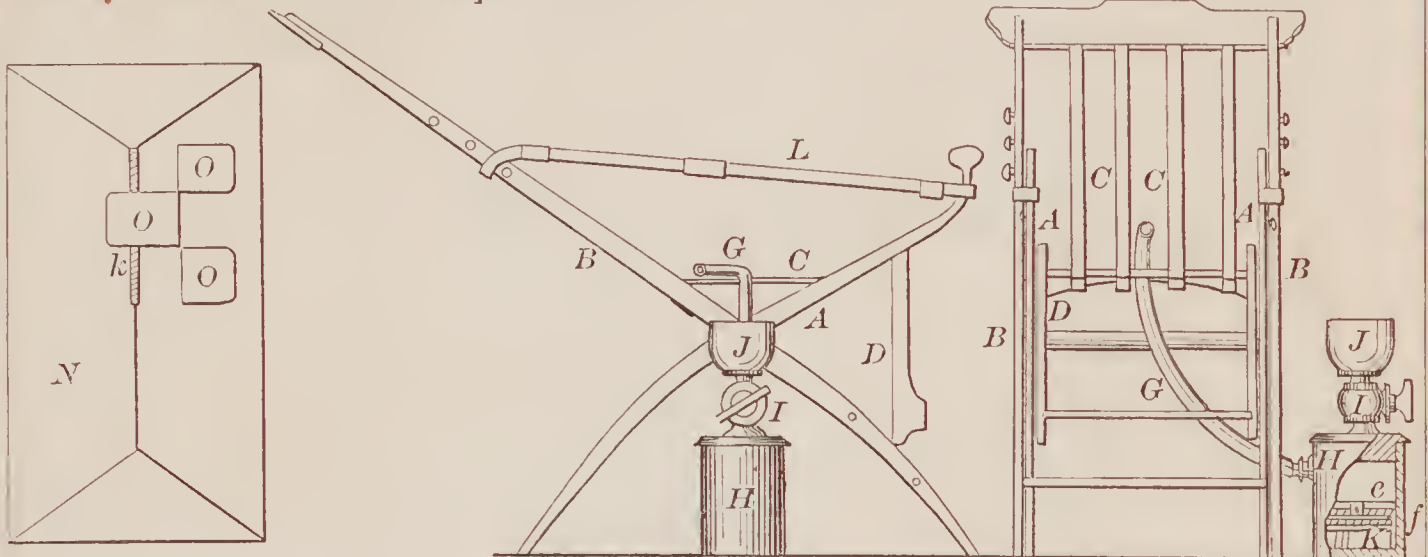
69764—A. Campbell—*Hay Raker and Loader.*



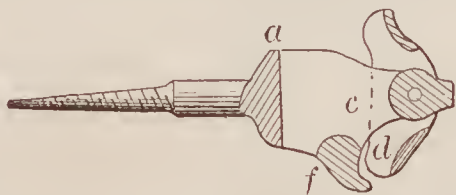
69766—E. Carrington—*Drapery Hook.*



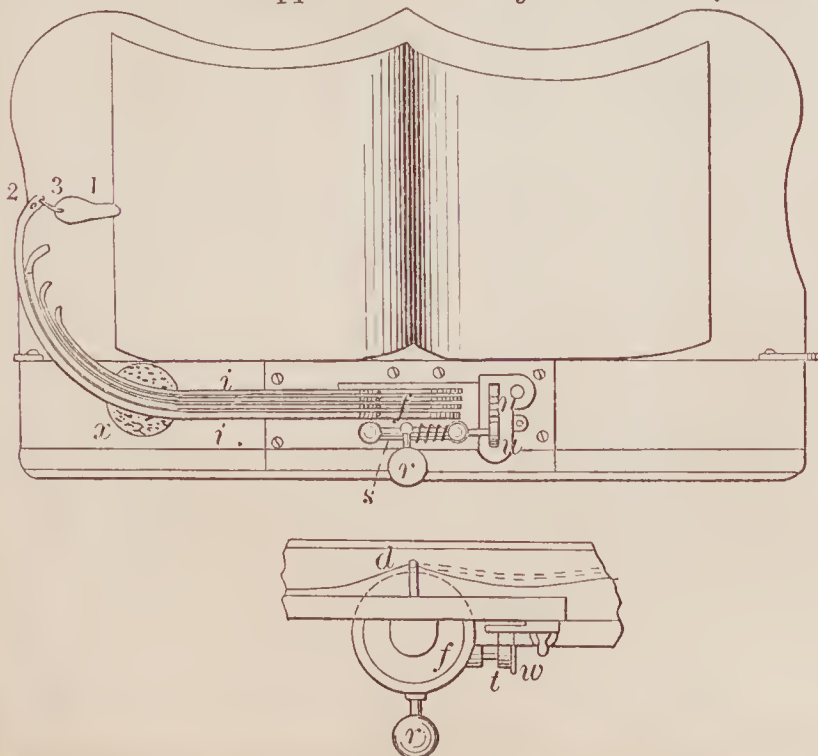
69765—M. B. Carleman—*Vapor Bath.*



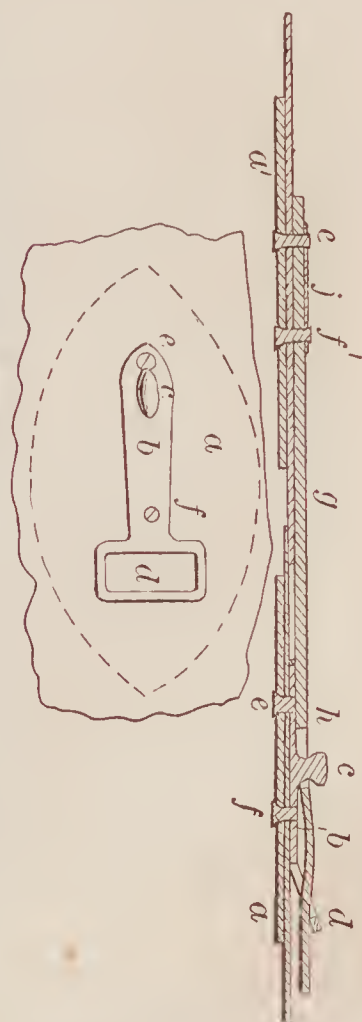
69767—A. J. Chase—*Rope or Line Holder.*

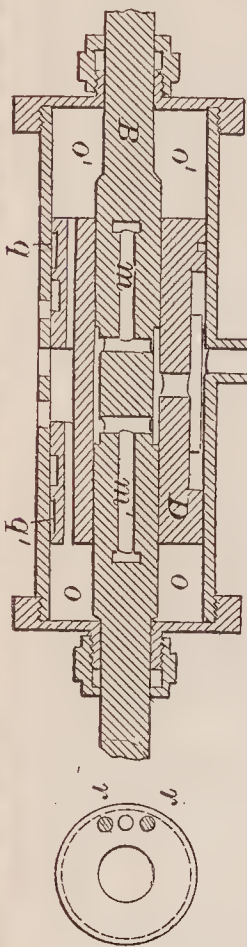
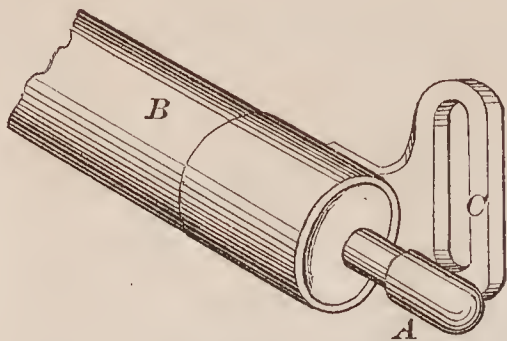
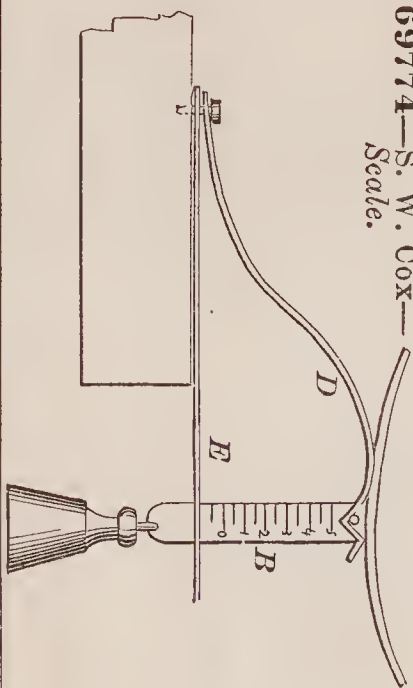
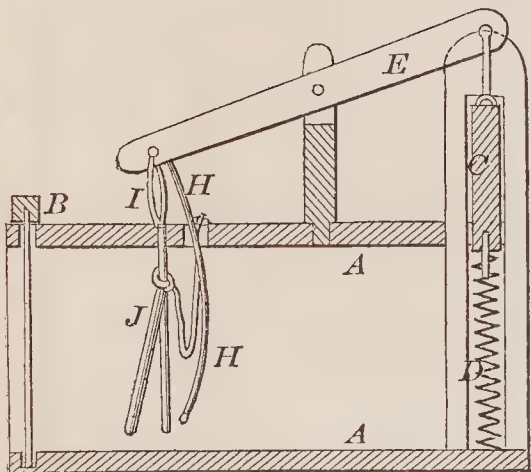
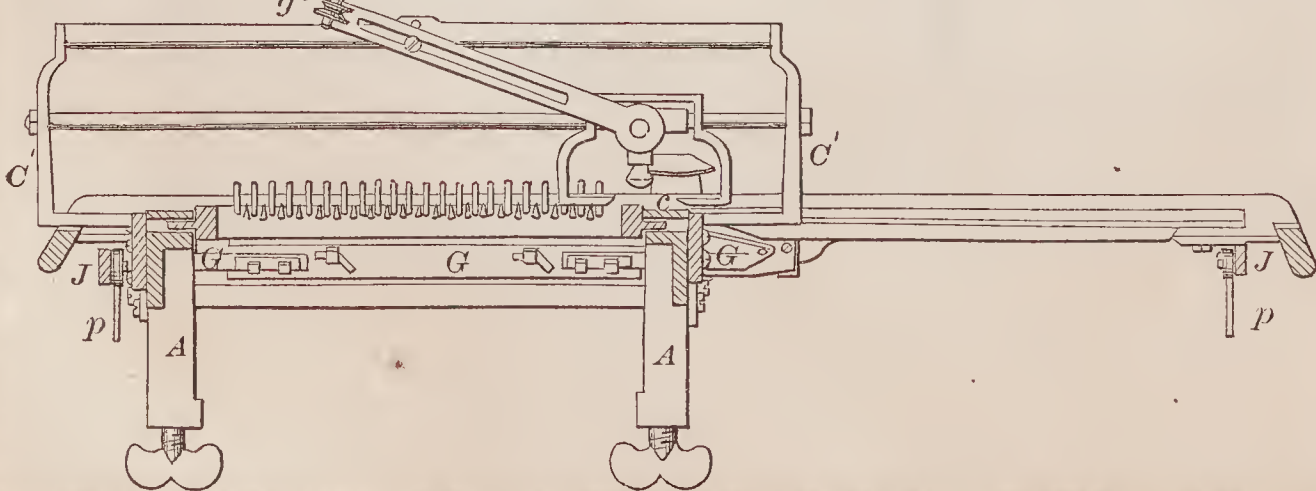
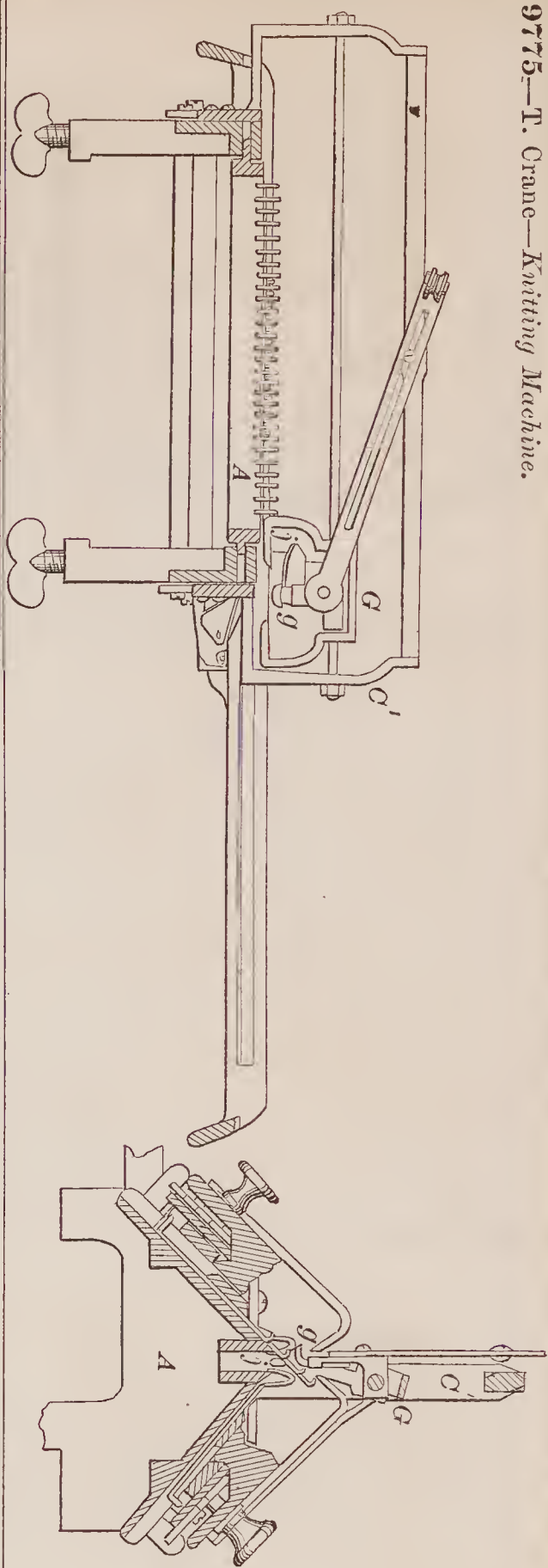


69770—C. C. Clapp—*For Turning the Leaves of Books.*

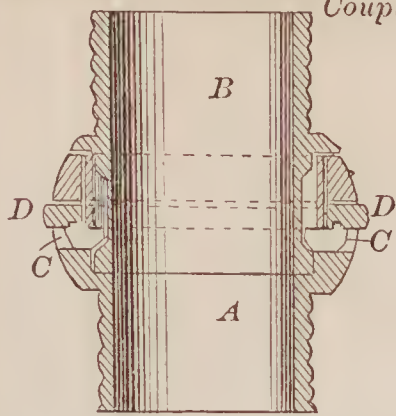


69768—L. C. Chase—*Blanket Fastener.*

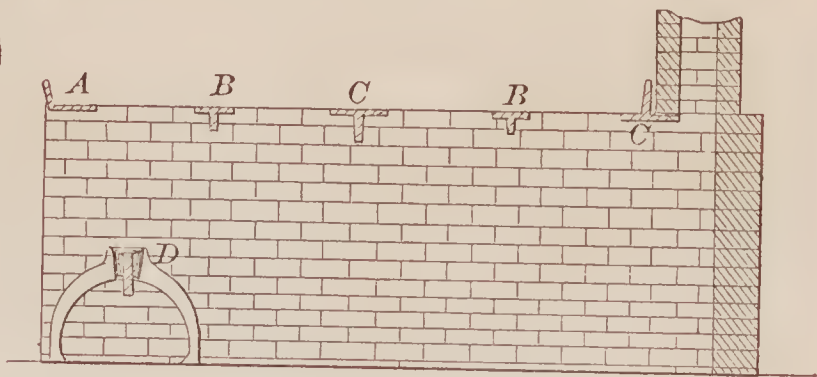


69771—L. C. Clark—*Trace Fastening.*69772—J. Colbath—*Valve for Steam Engines.*69774—S. W. Cox—*Scale.*69773—J. E. Cowdery—*Sash Frame.*69777—J. Curtis—*Animal Trap.*69776—T. Crane—*Knitting Machine.*69775—T. Crane—*Knitting Machine.*

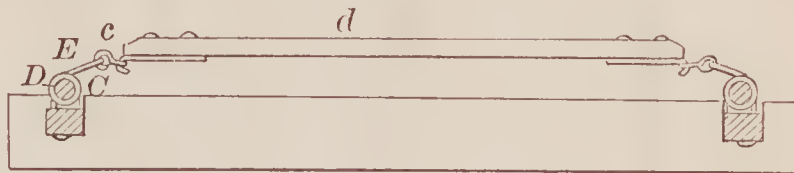
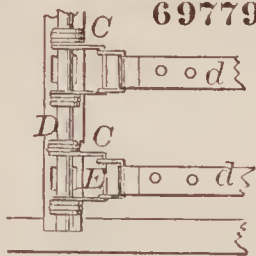
69778—M. S. Curtis—Hose
Coupling.



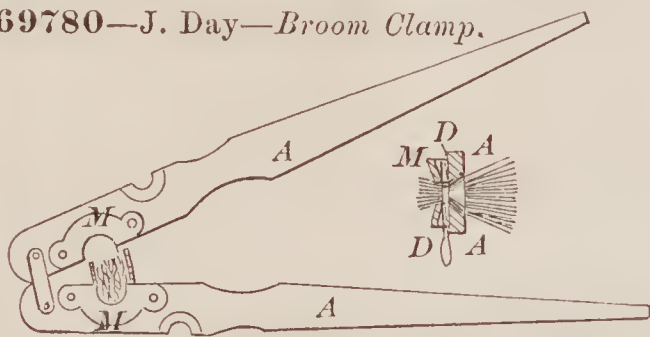
69781—G. S. Deane—Arch Bar for Furnaces.



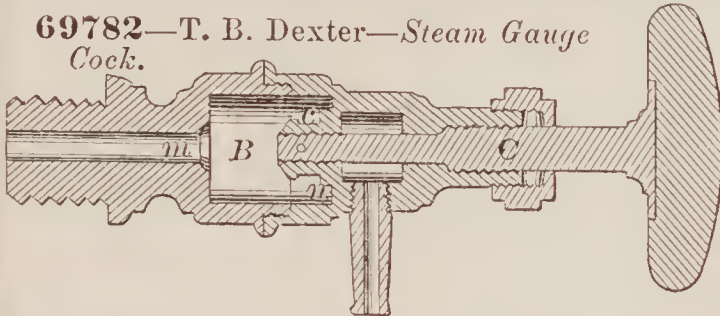
69779—W. F. Daugherty—Bed Bottom.



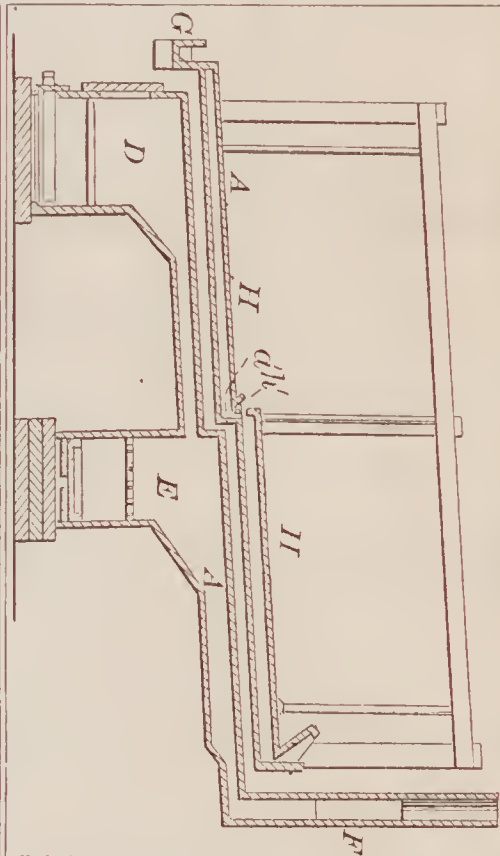
69780—J. Day—Broom Clamp.



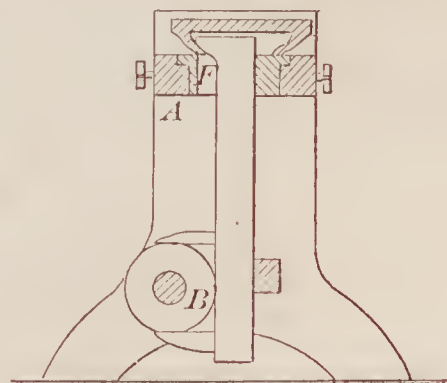
69782—T. B. Dexter—Steam Gauge
Cock.



69785—J. R. Evertson—Grain Dryer.



69786—D. Eynon—For Slotting
the Lips of Railroad Chairs.



69787—L. B. Flanders—For
Transmitting Rotary Motion.

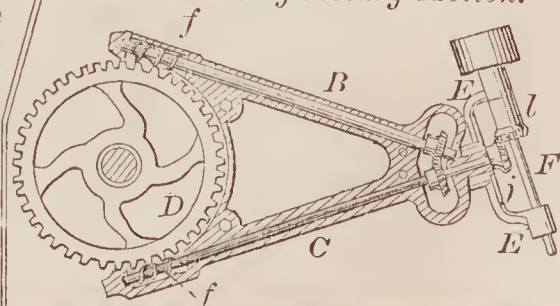
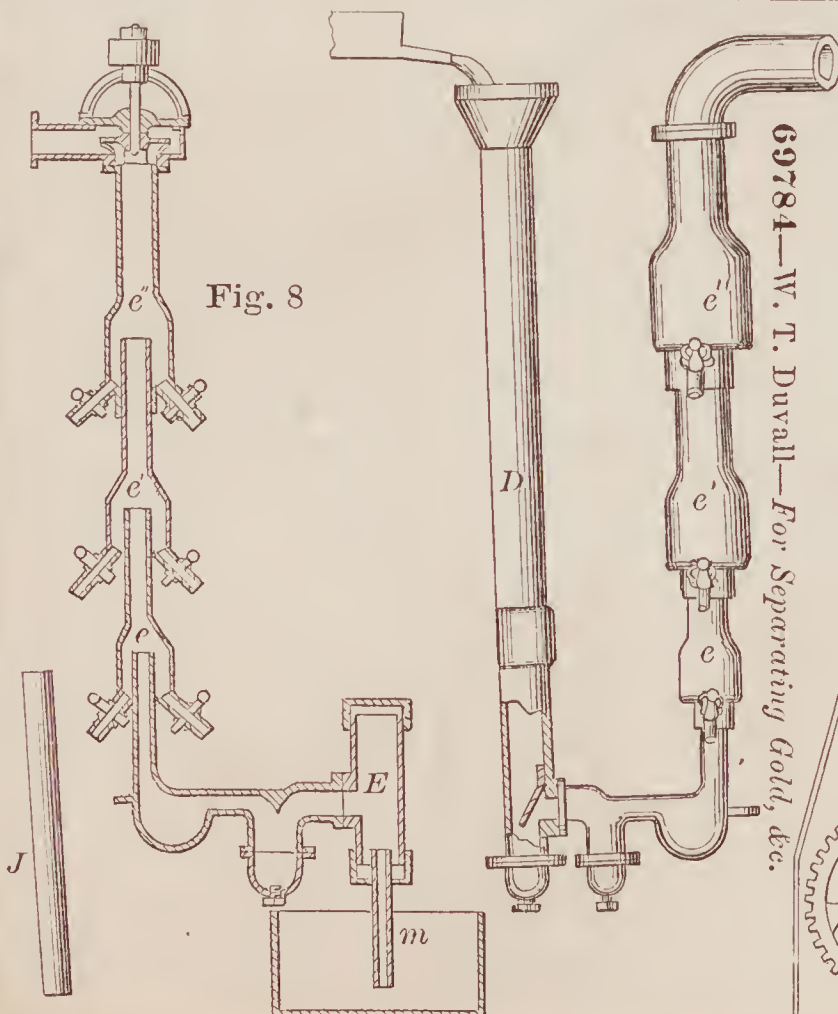
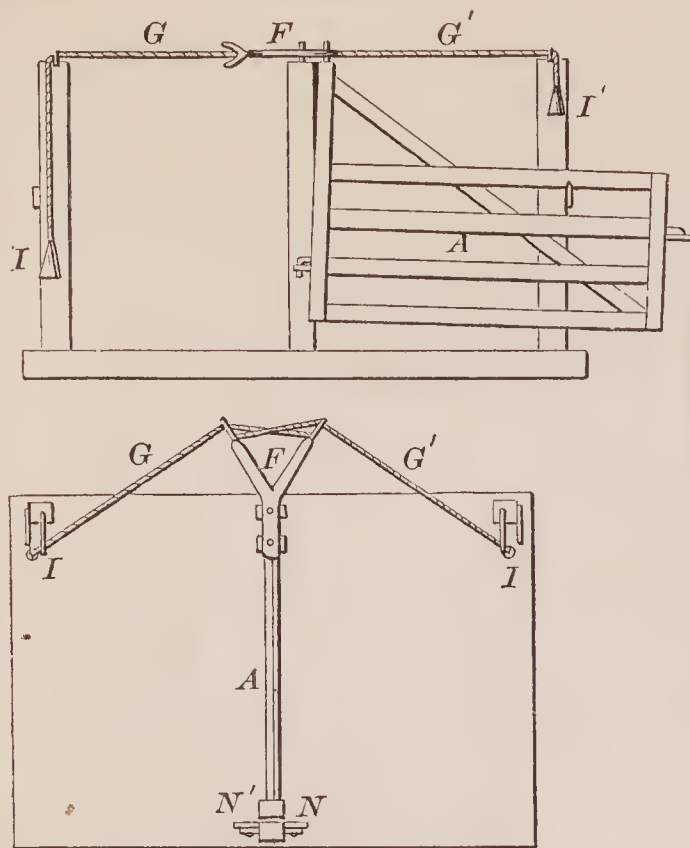
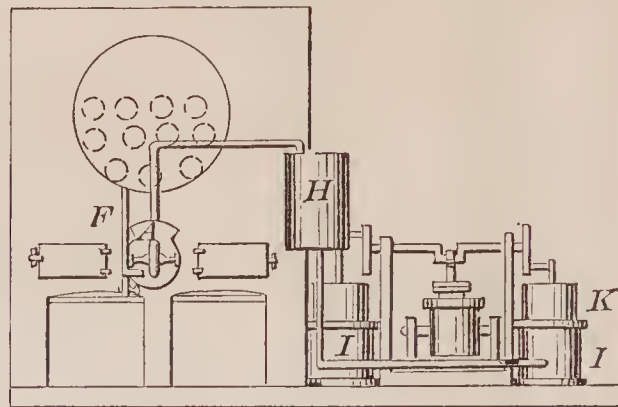
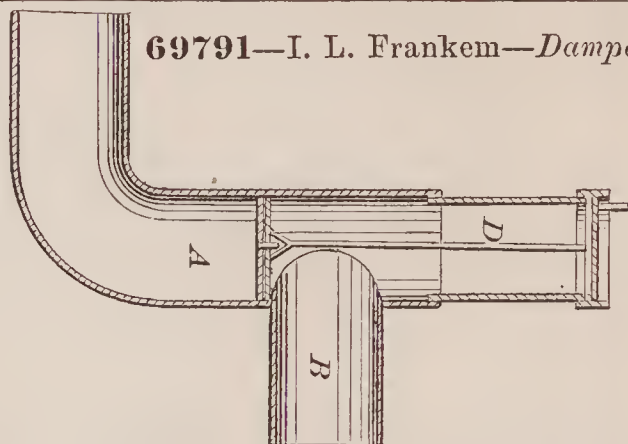
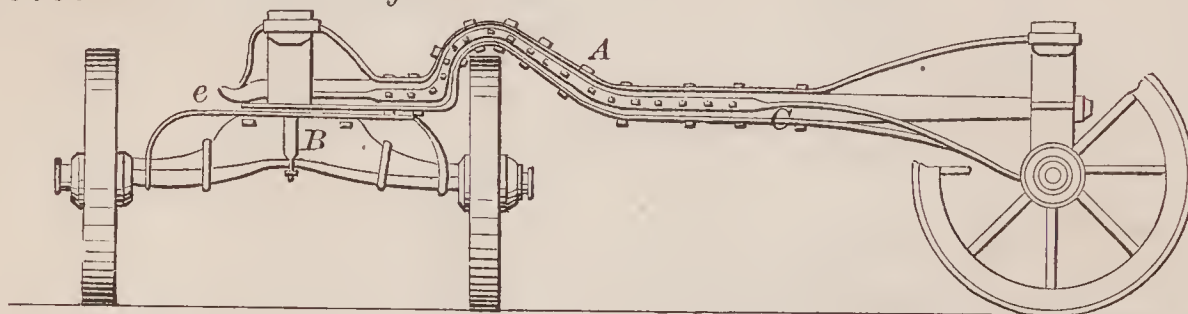
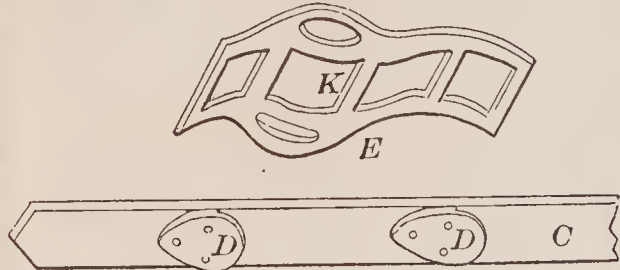
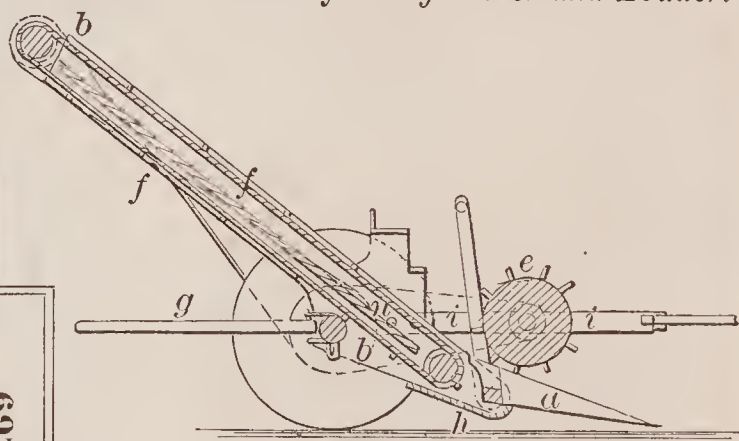
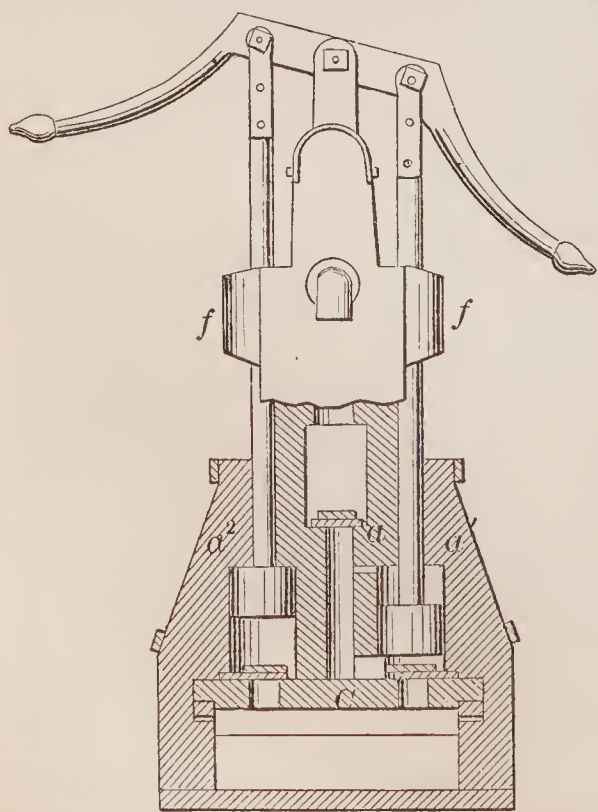
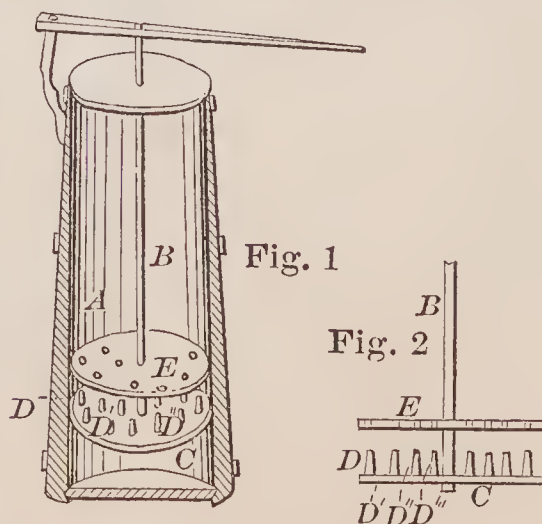


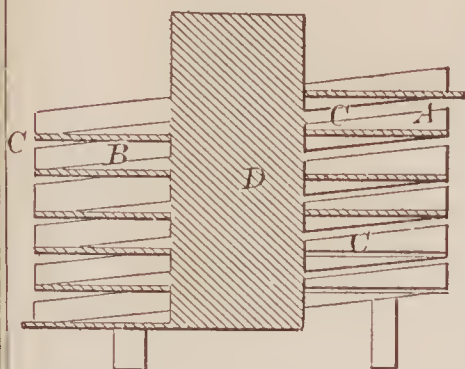
Fig. 8

69784—W. T. Duvall—For Separating Gold, &c.

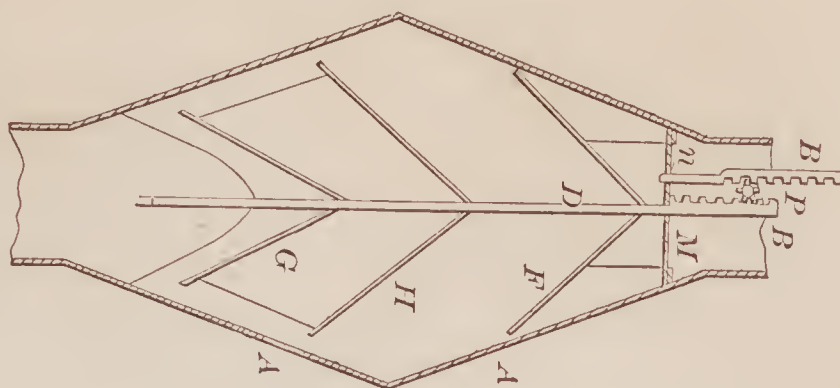


69788—D. Flint—*Gate.*69790—H. R. Foote—*Furnace for Steam Boilers, &c.*69791—I. L. Frankem—*Damper.*69789—E. F. Flood—*Wagon Reach.*69793—J. N. Gaston—*Buckle.*69794—A. Godfrey—*Hay Raker and Loader.*69795—M. C. Gordon—*Churn.*69792—W. A. Fry—*Pump.*

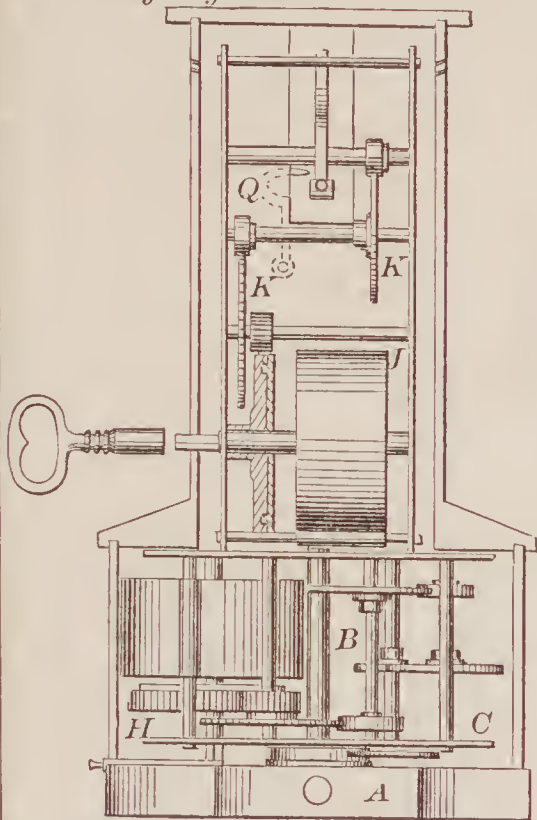
69797—M. Gould—*For Cooling Liquids.*



69798—J. Grabner—*Heat Radiating Attachment.*



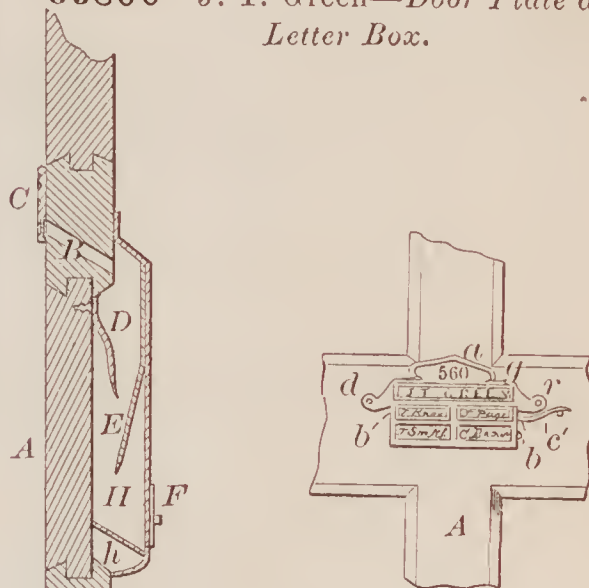
69802—Harrell & Hall—*Self-Acting Fly Fan.*



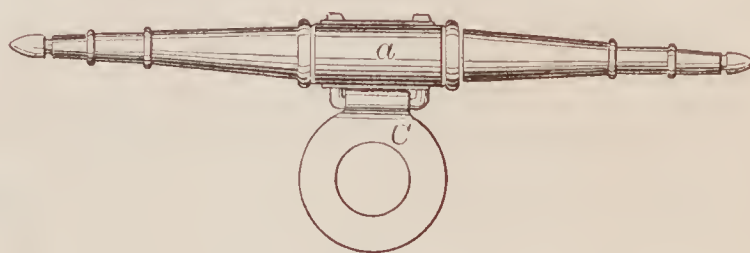
69799—J. G. Greene—*Panel Table.*



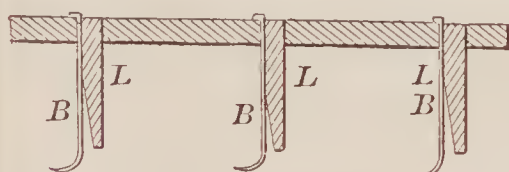
69800—J. T. Green—*Door Plate and Letter Box.*



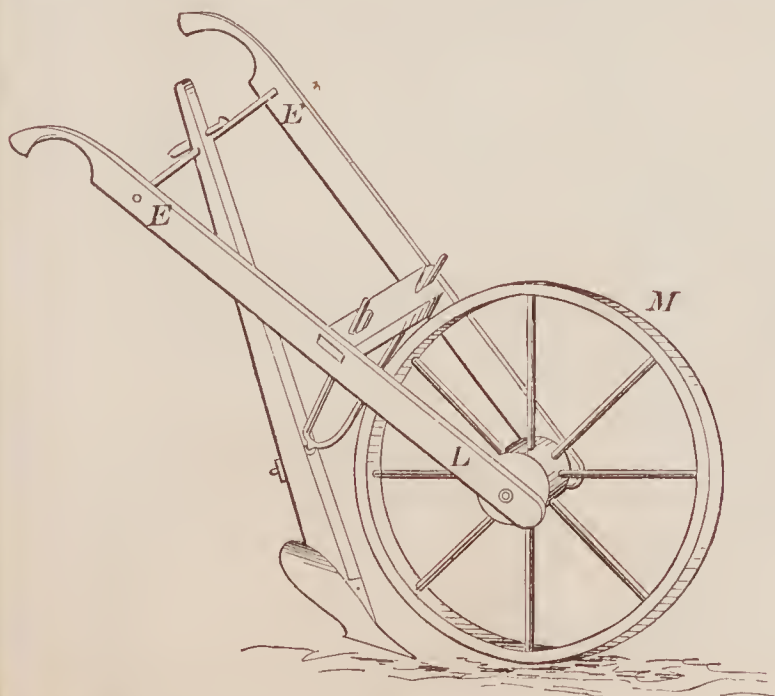
69804—T. S. Harris—*Wagon Jack.*



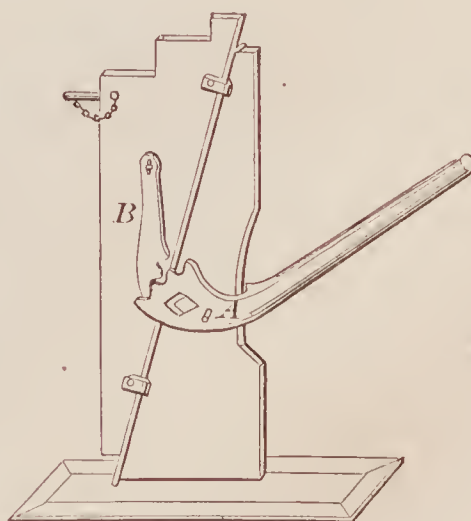
69801—D. Guptail—*Cultivator.*

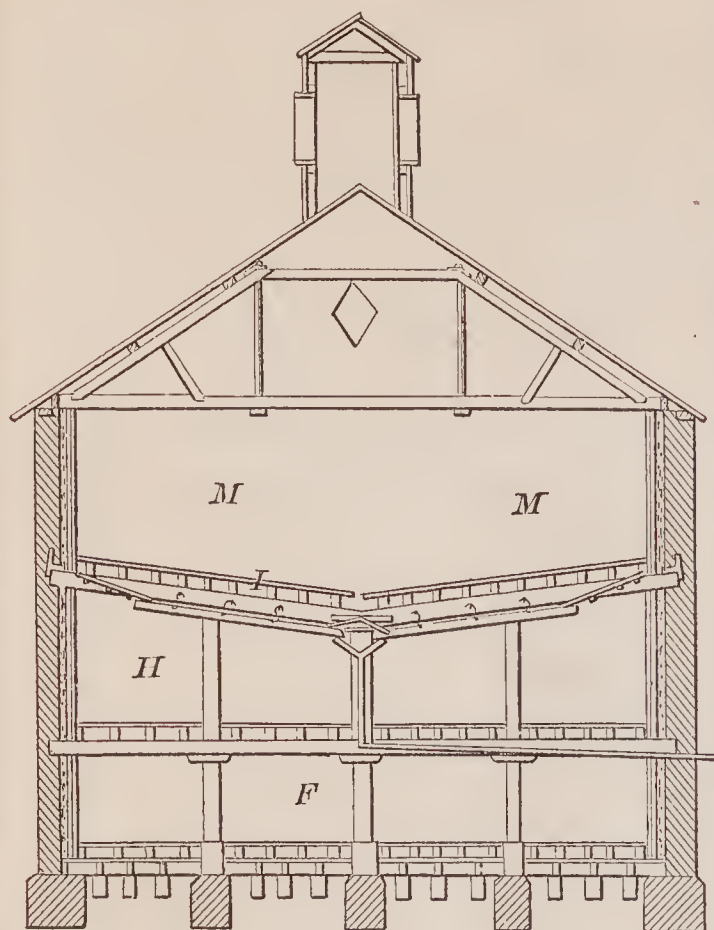
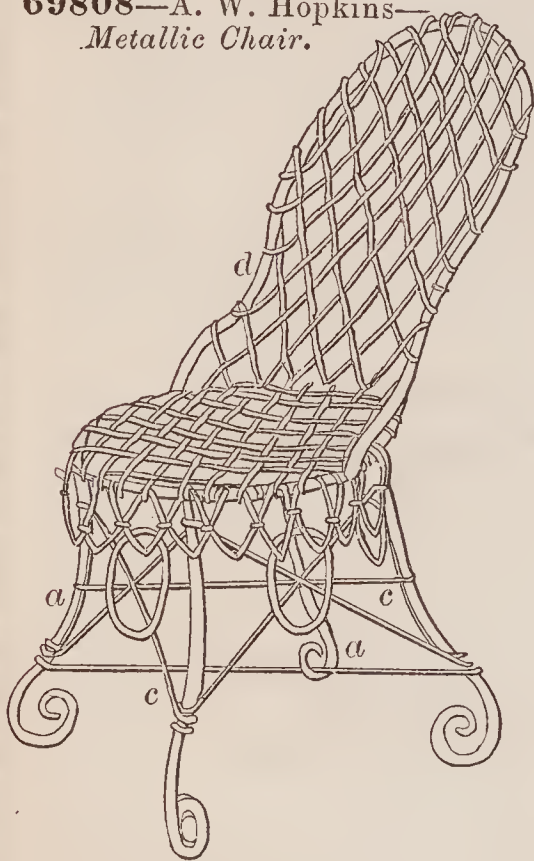
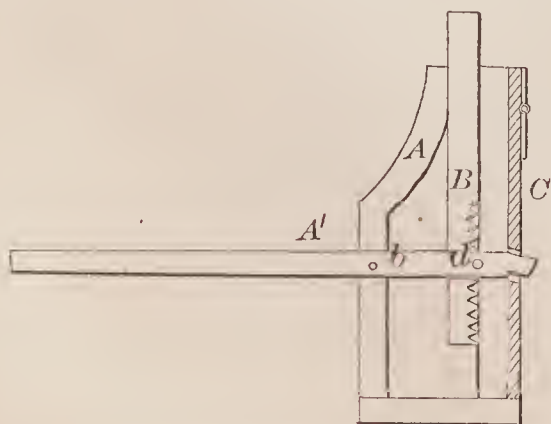
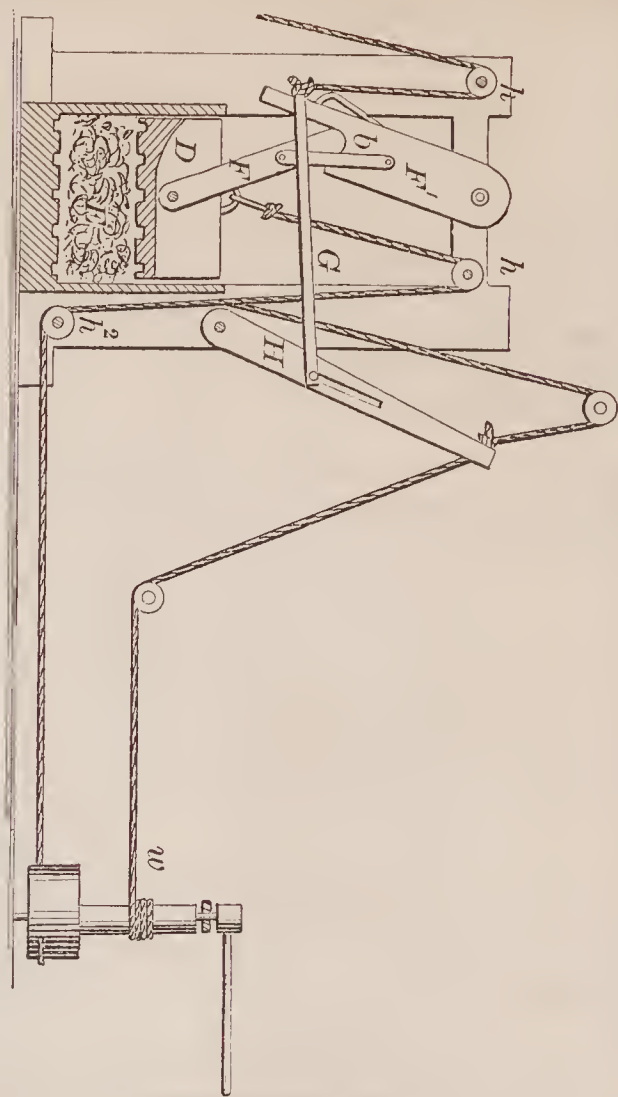
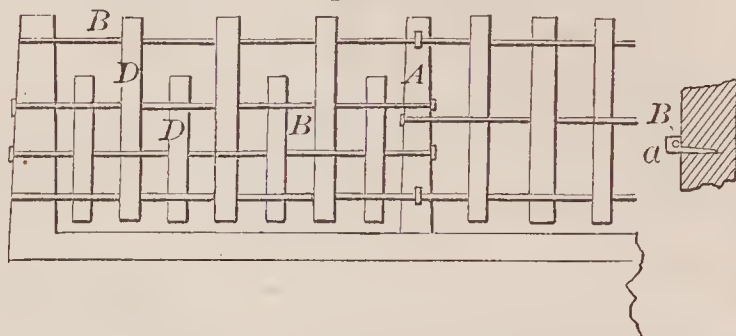
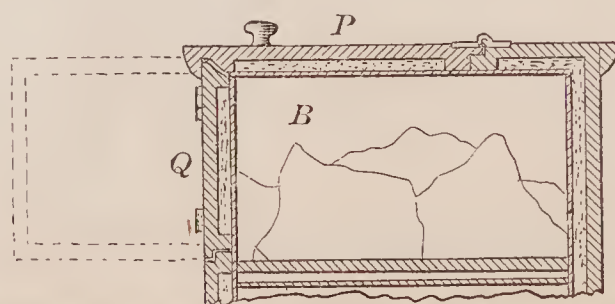
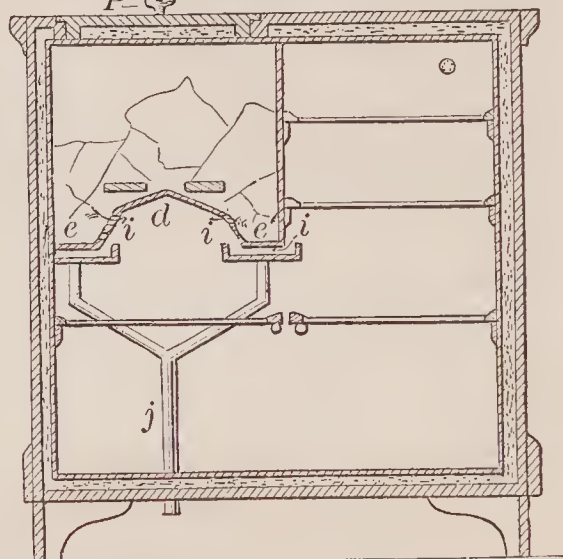


69803—C. A. Harris—*Garden Plow Cultivator.*

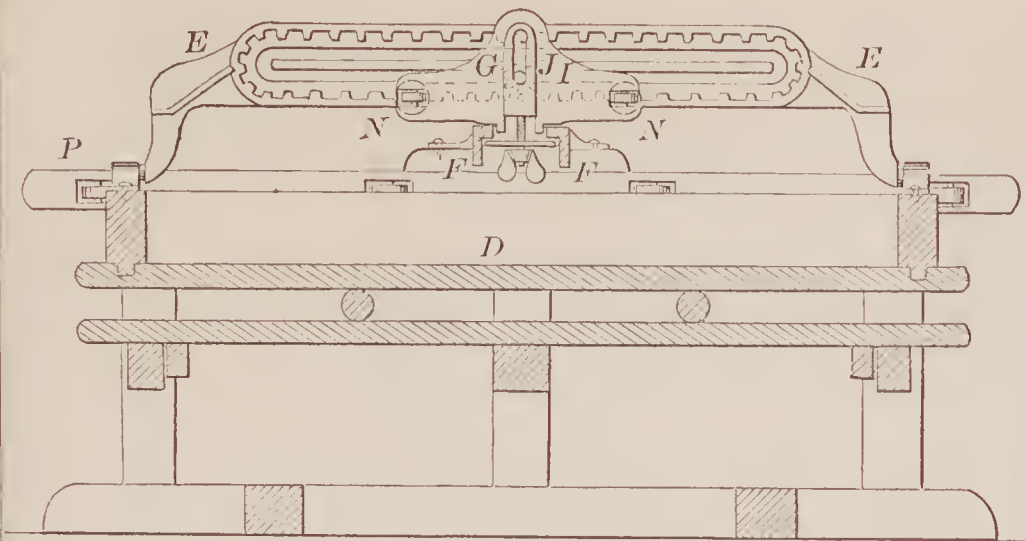


69805—T. Heaton—*Carriage Tongue Holder.*



69806—N. Hellings—*For Preserving Fruit.*69808—A. W. Hopkins—*Metallic Chair.*69810—J. Hunt, Jr.—*Wagon Jack.*69807—Hoke & Brown—*Baling Press.*69809—D. S. Humphrey—*Farm Fence.*69812—J. C. Jewett—*Refrigerator.*

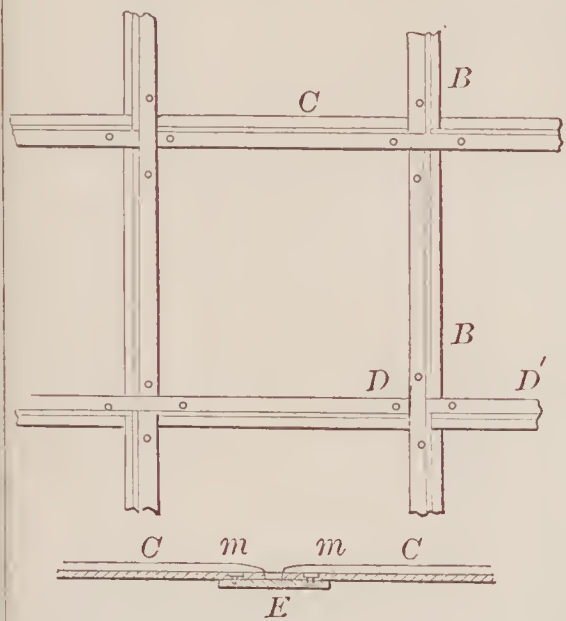
69813—J. Johansen—Mangle.



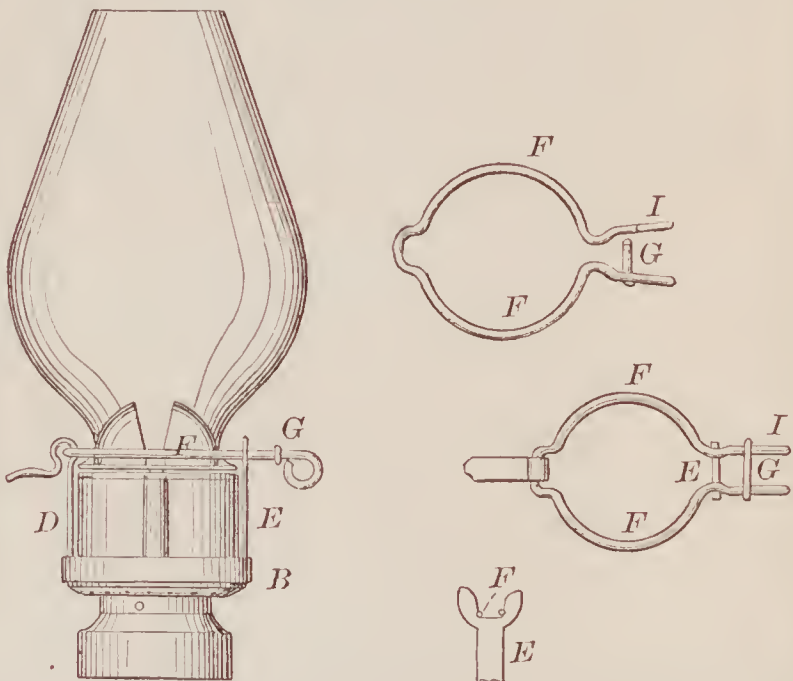
69816—J. Kaylor—Patch Bolt Machine.



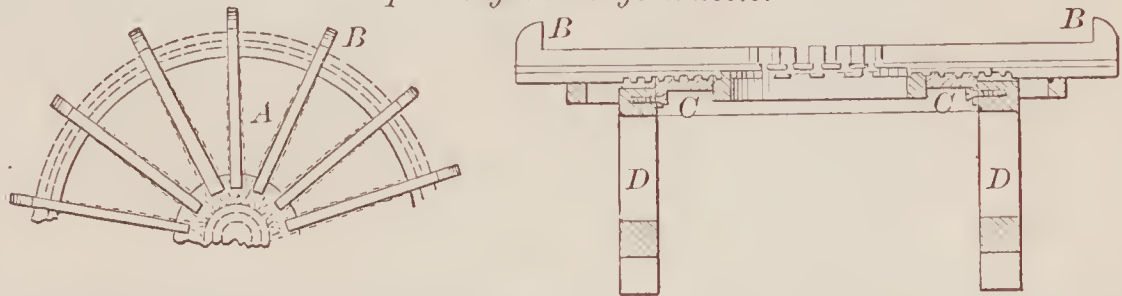
69814—C. W. Jones—Street Railway Crossing.



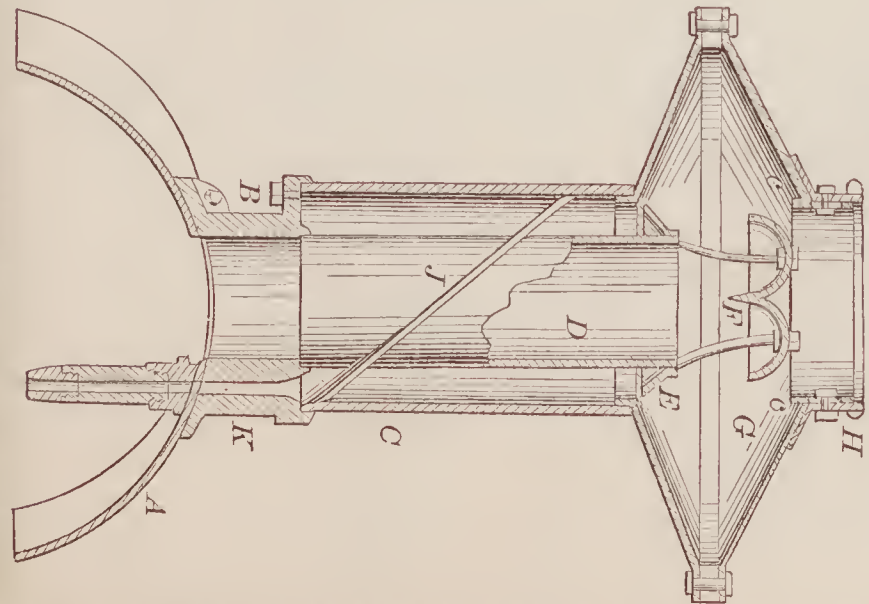
69815—A. Judson—Lamp.



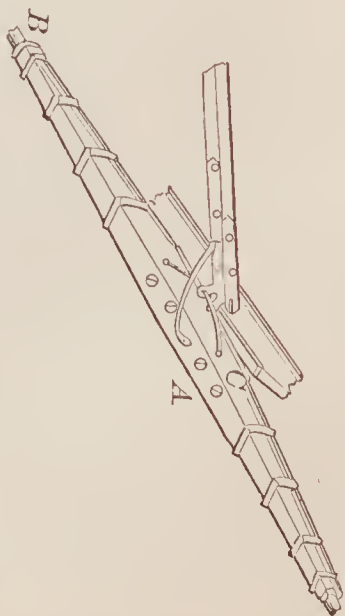
69818—H. Killam—For Compressing Carriage Wheels.

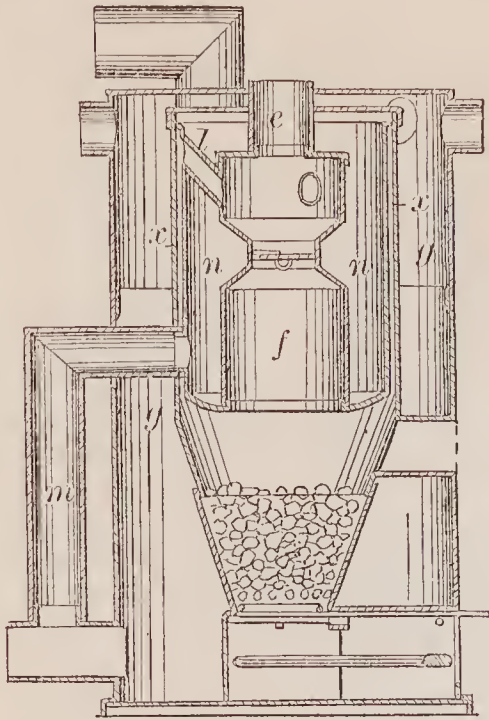
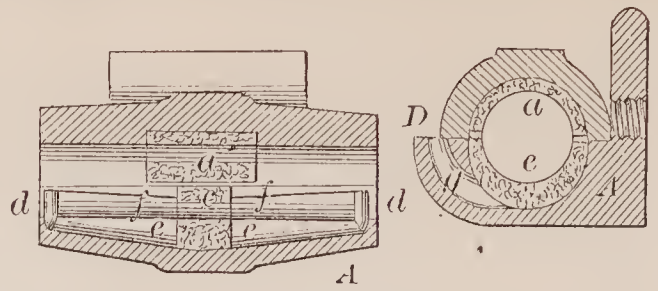
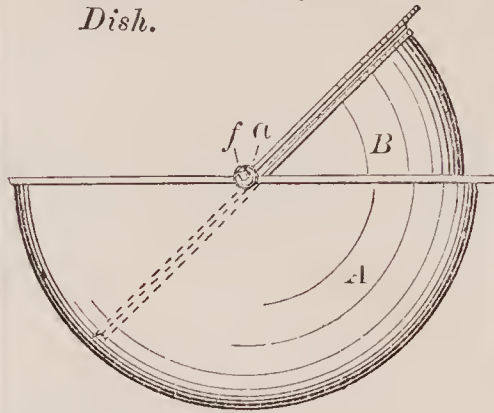
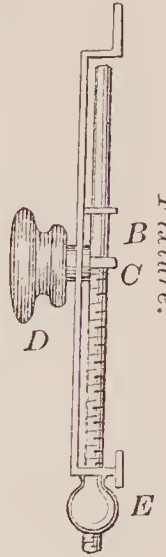
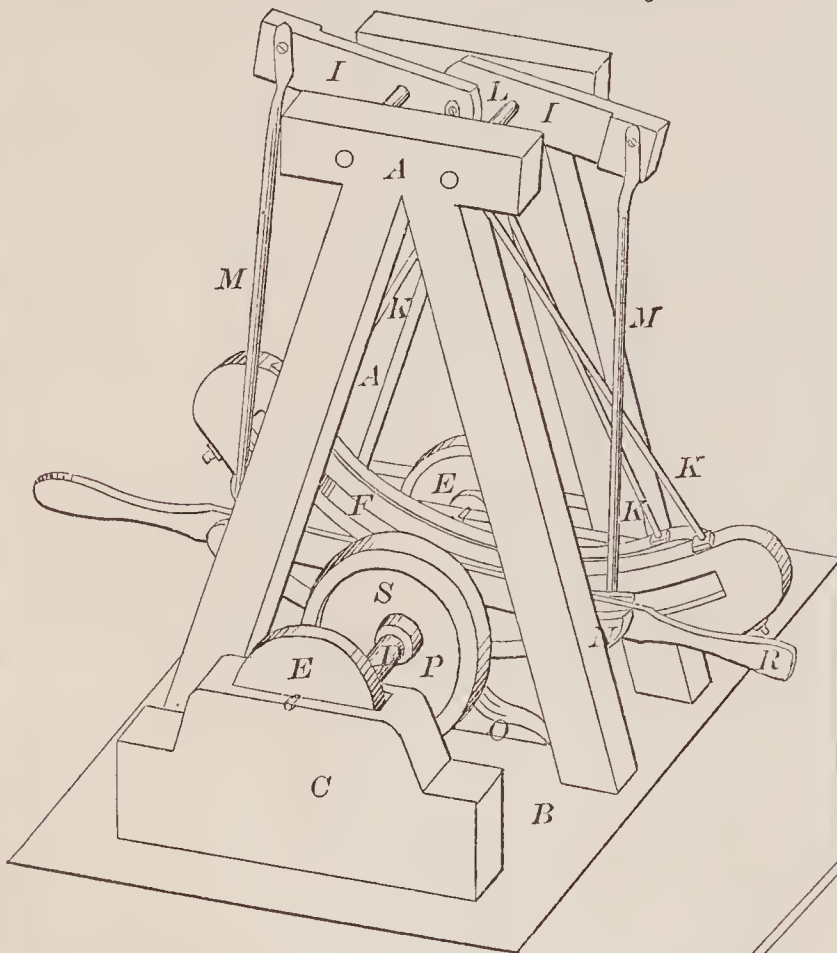
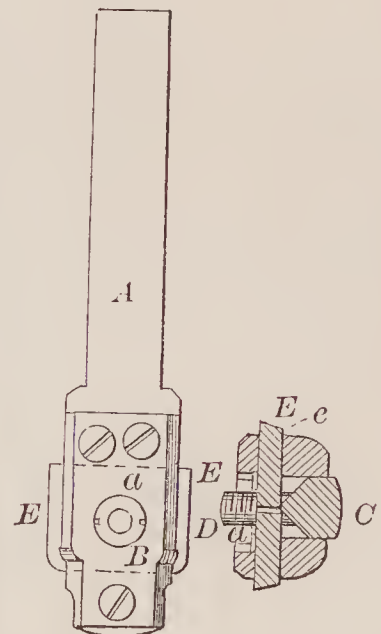
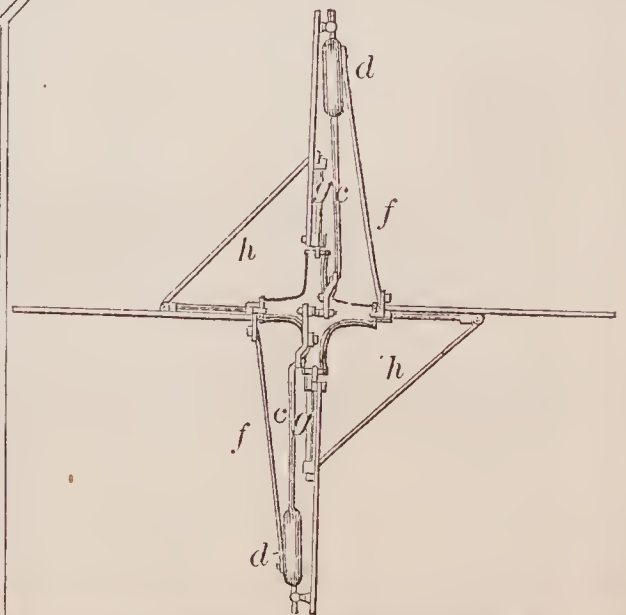
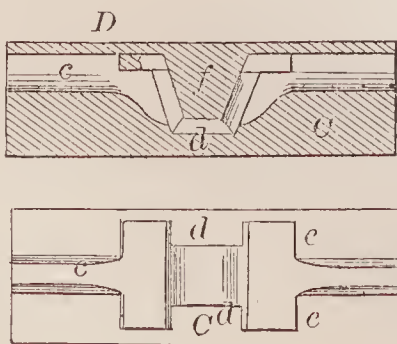
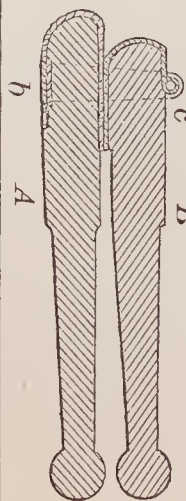


69817—P. Kelly—Spark Arrester.

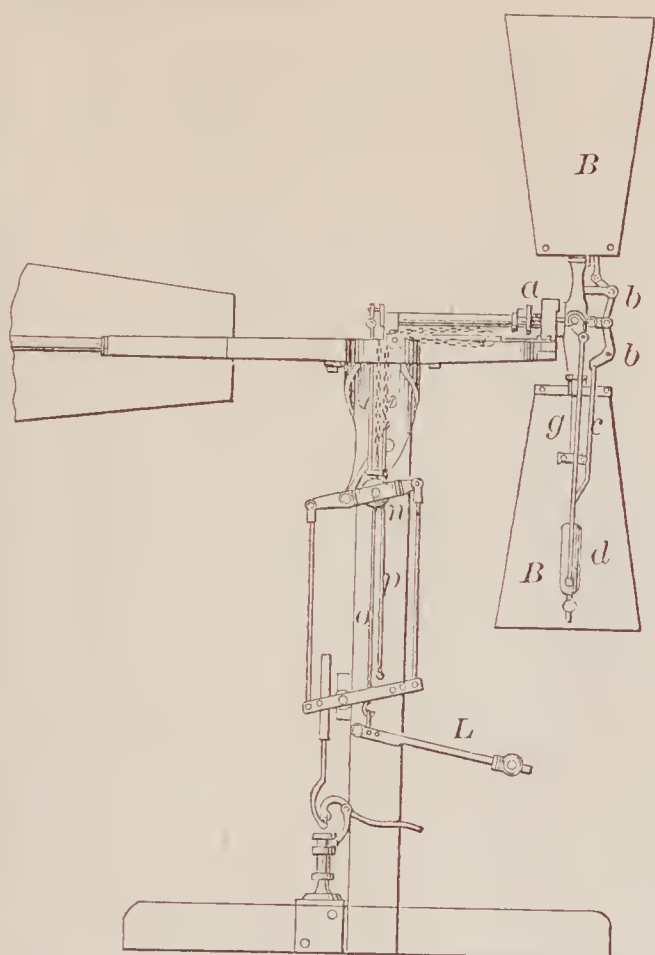


69819—G. P. Kimball—Wagons Axletree.

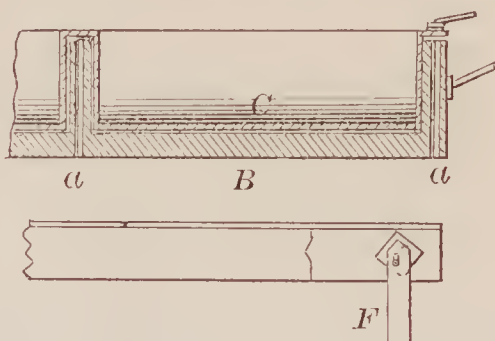


69820—A. Kohler—*Hot Air Furnace.*69822—E. F. Light—*Journal Box.*69824—D. T. Lyon—*Butter Dish.*69823—H. & A. Lovie—*Curtain Fixture.*69821—J. F. Latimer—*For Accumulating Power.*69825—G. Mackinnon—*Expansion Drill.*69828—E. W. Mills—*Wind Mill.*69827—E. Meeker—*Carriage Clip.*69826—S. Nardon—*For Straining Bands about Boxes.*

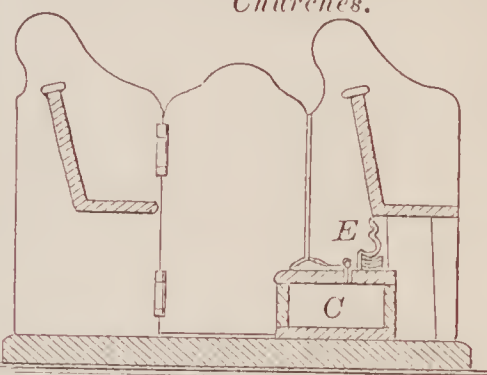
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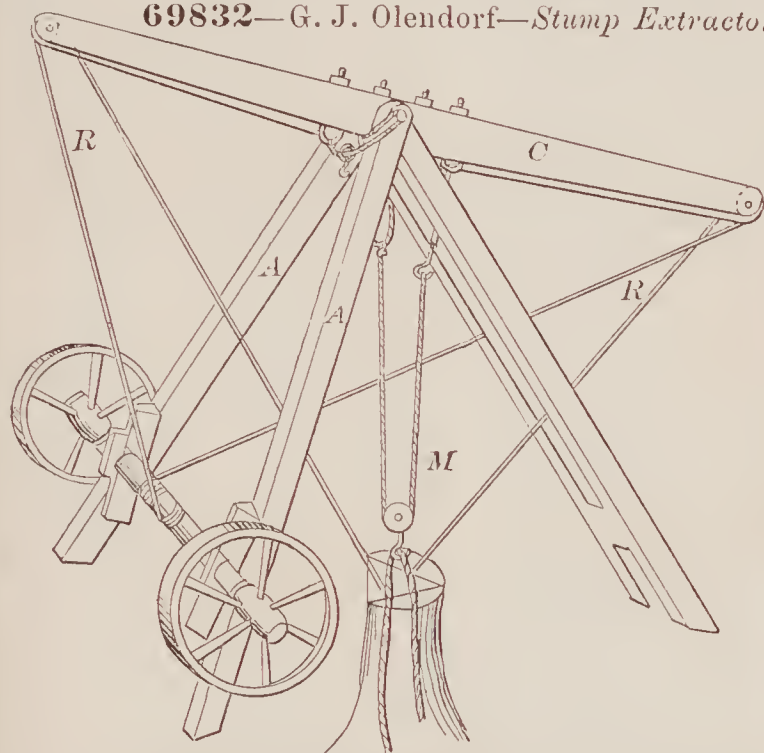
69830—G. W. Mitchell—*Baking Pan.*



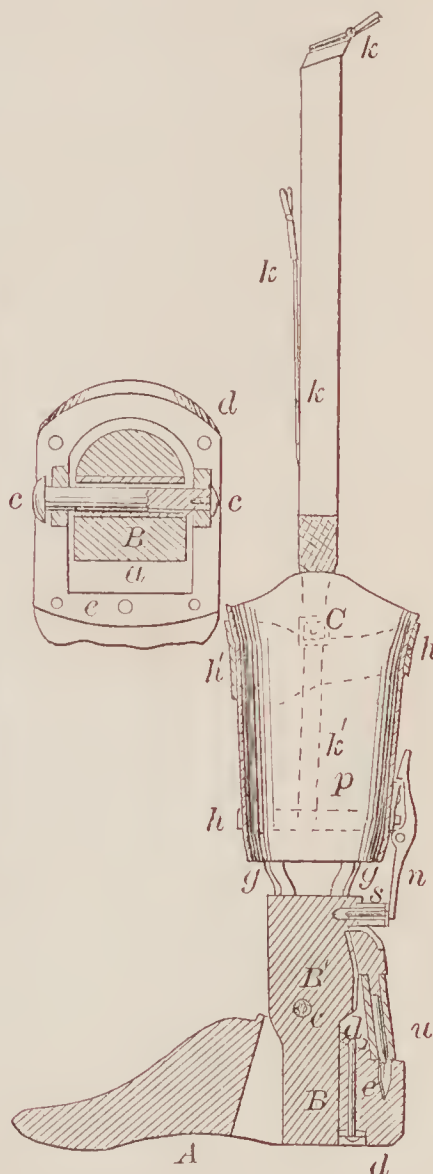
69831—L. Mooney—*Kneeling Case for Churches.*



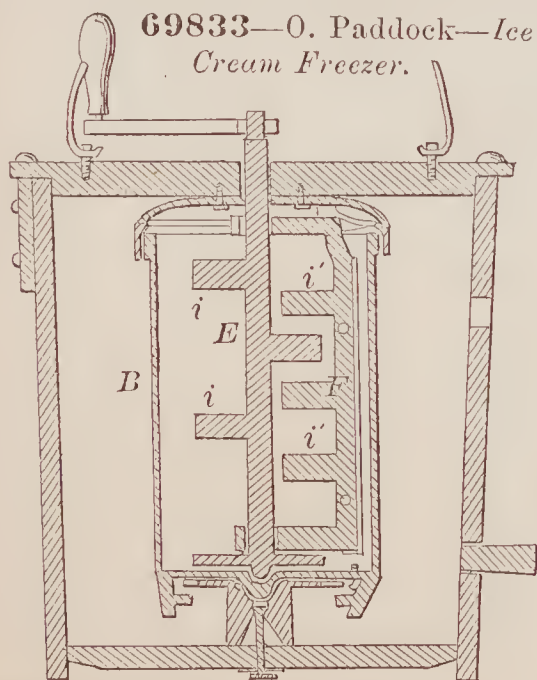
69832—G. J. Olendorf—*Stump Extractor*.



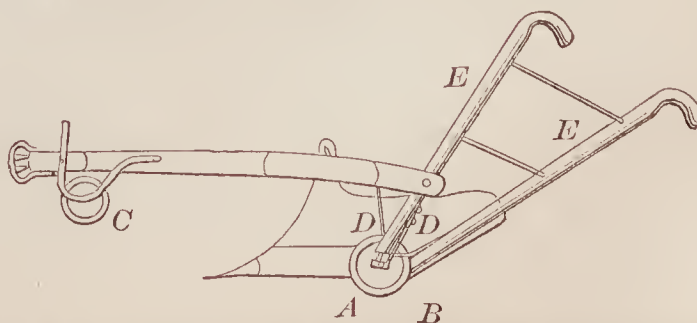
69829—II. T. Mills—*Artificial Leg.*

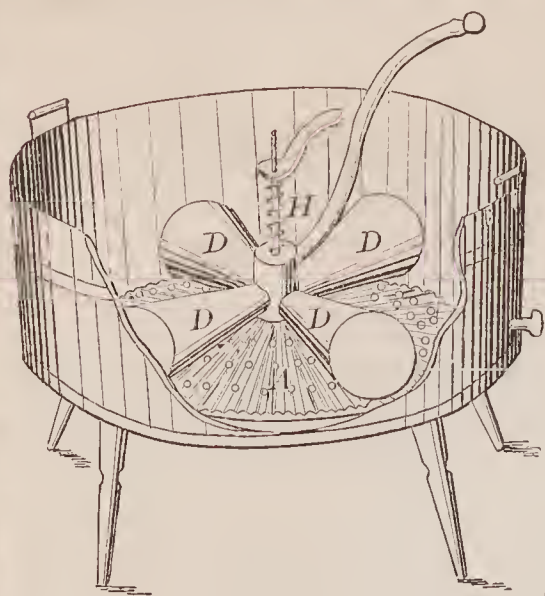
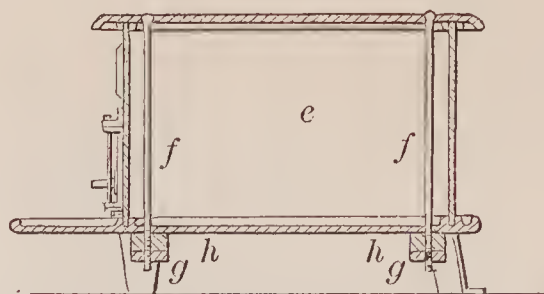
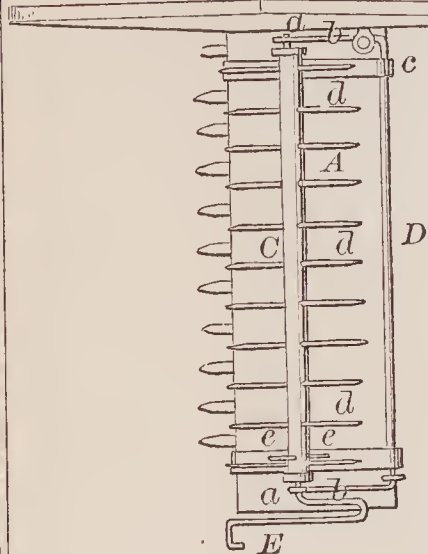
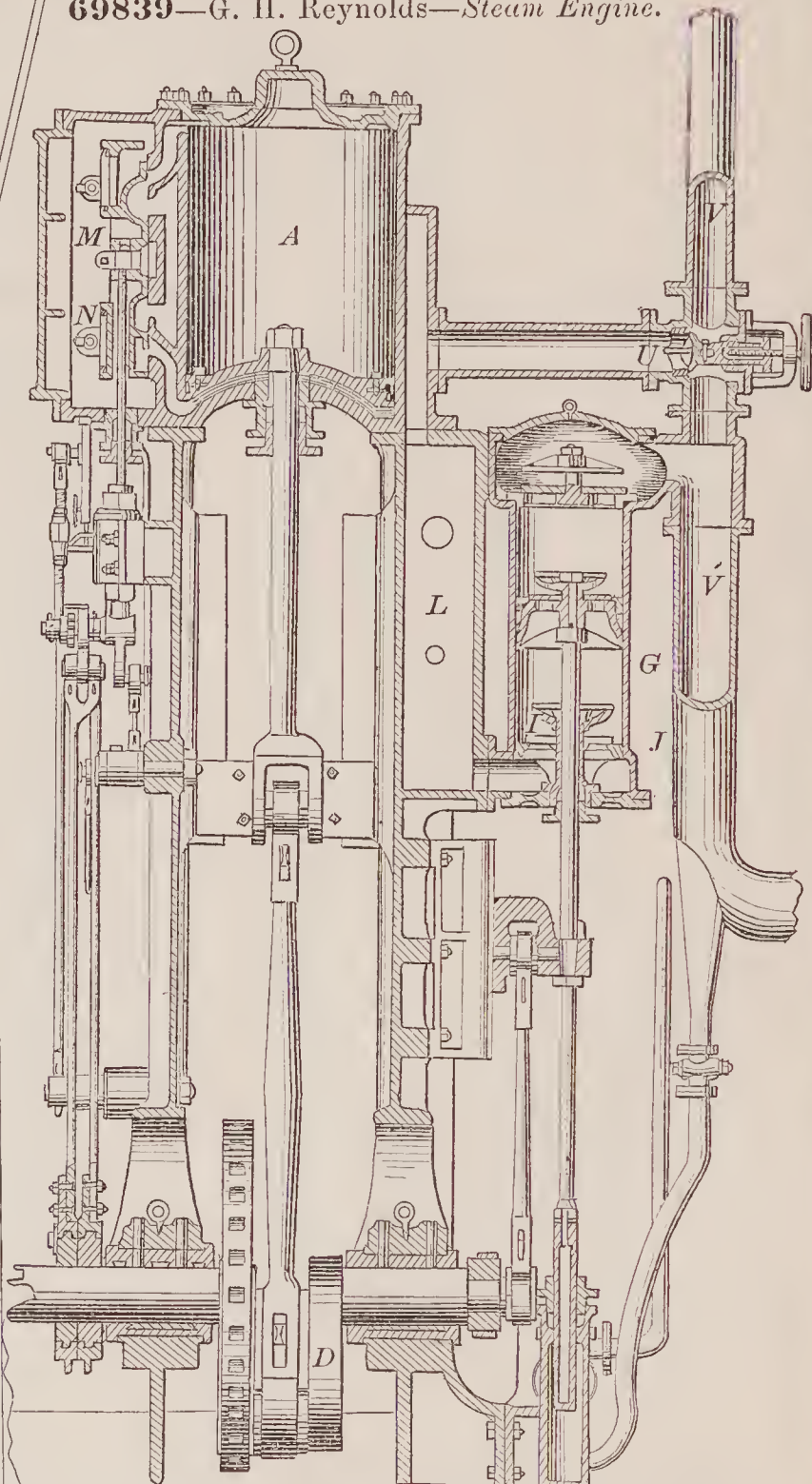
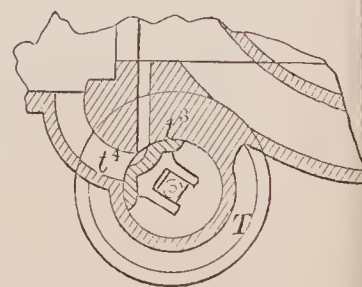
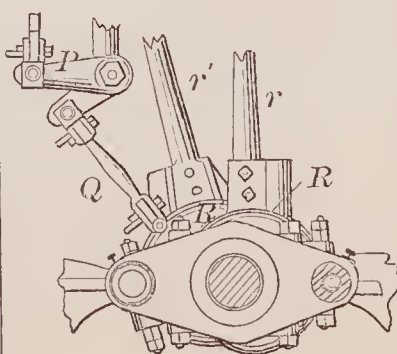
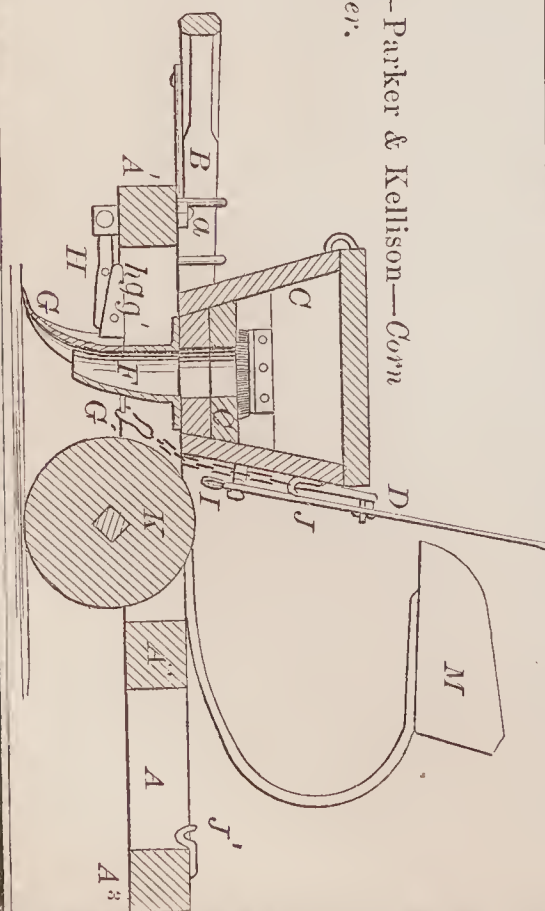


69833—0. Paddock—Ice
Cream Freezer. \

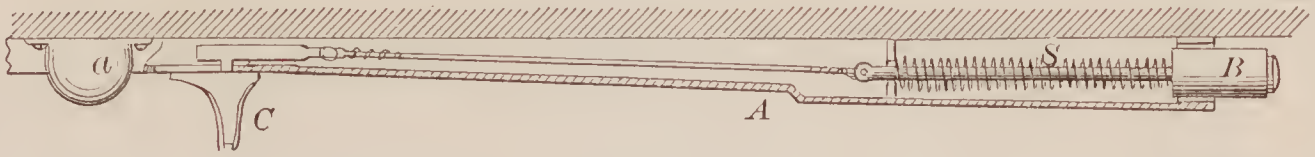


69834—L. E. Palmer—*Plow Wheel.*

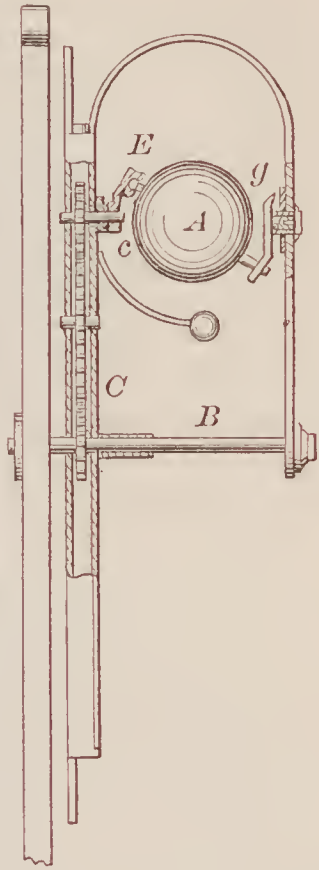


69835—J. Park—*Washing Machine.*69837—M. Pond—*Stove.*69838—K. H. C. Preston—*Harvester.*69839—G. H. Reynolds—*Steam Engine.*69836—Parker & Kellison—*Corn Planter.*

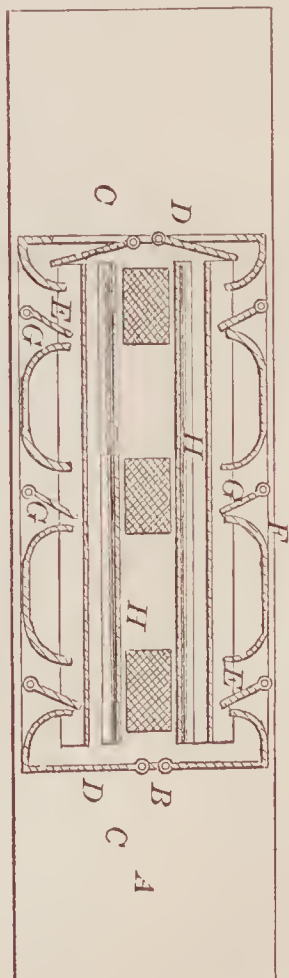
69840—S. M. Richards—*Sash Fastener.*



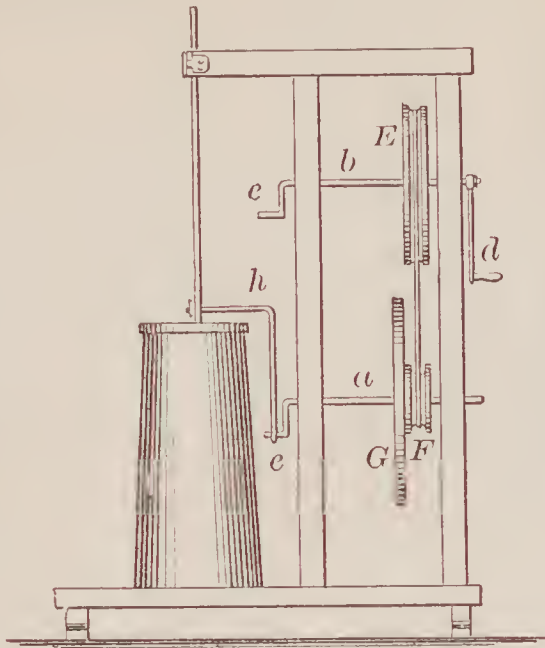
69842—E. Root—*Terrisphere.*



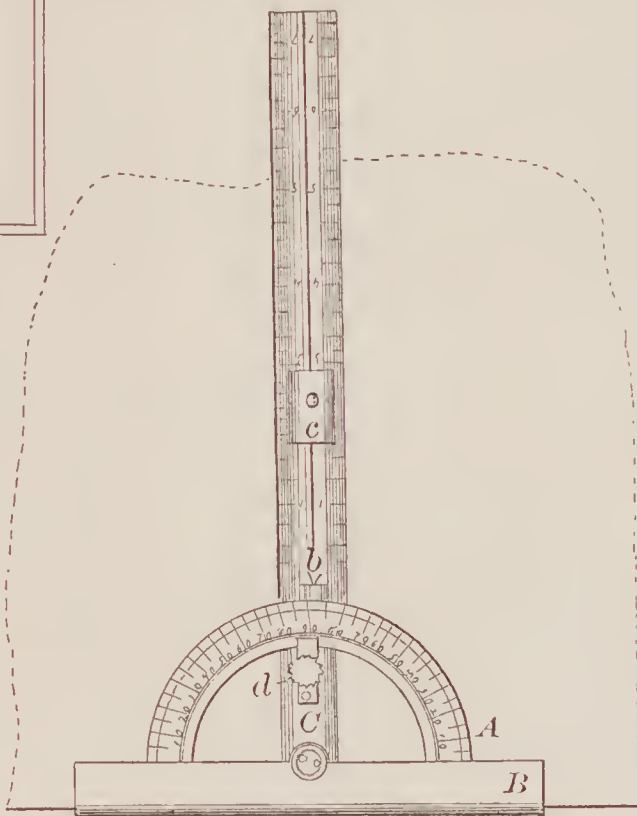
69847—J. Shaw—*Ventilating Attachment for Railroad Cars.*



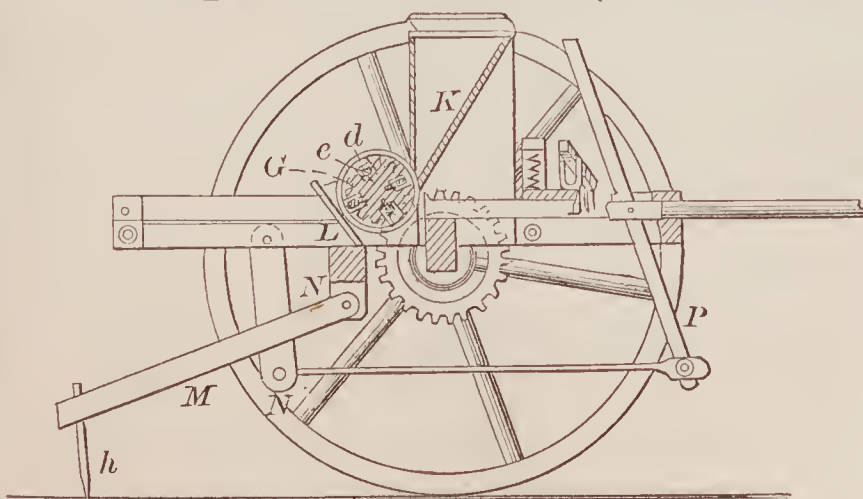
69843—E. W. Russell—*Churn.*



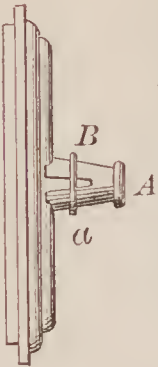
69844—W. Rutherford—*Compound Protractor.*



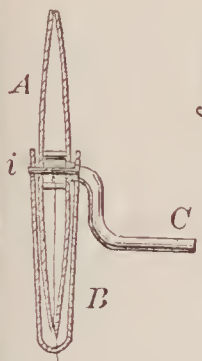
69848—B. A. Shearer—*Seeding Machine*



69841—C. H. Roberts—*Handle for Store Doors.*

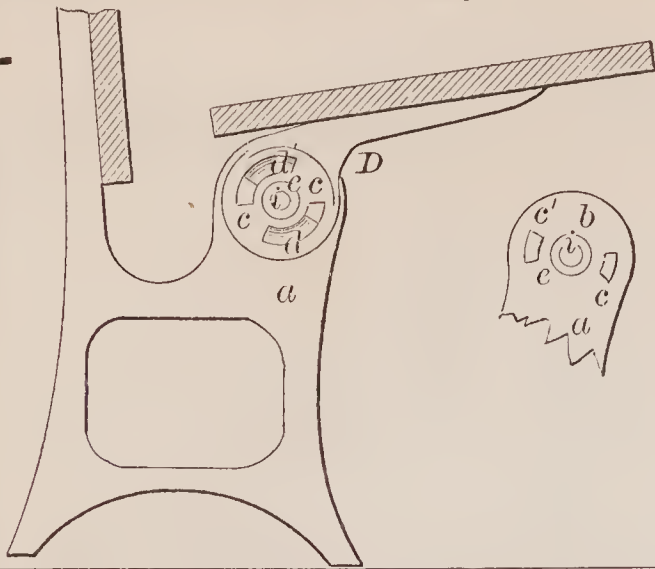
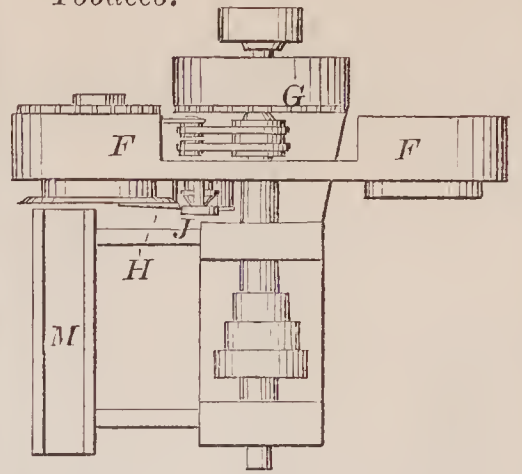
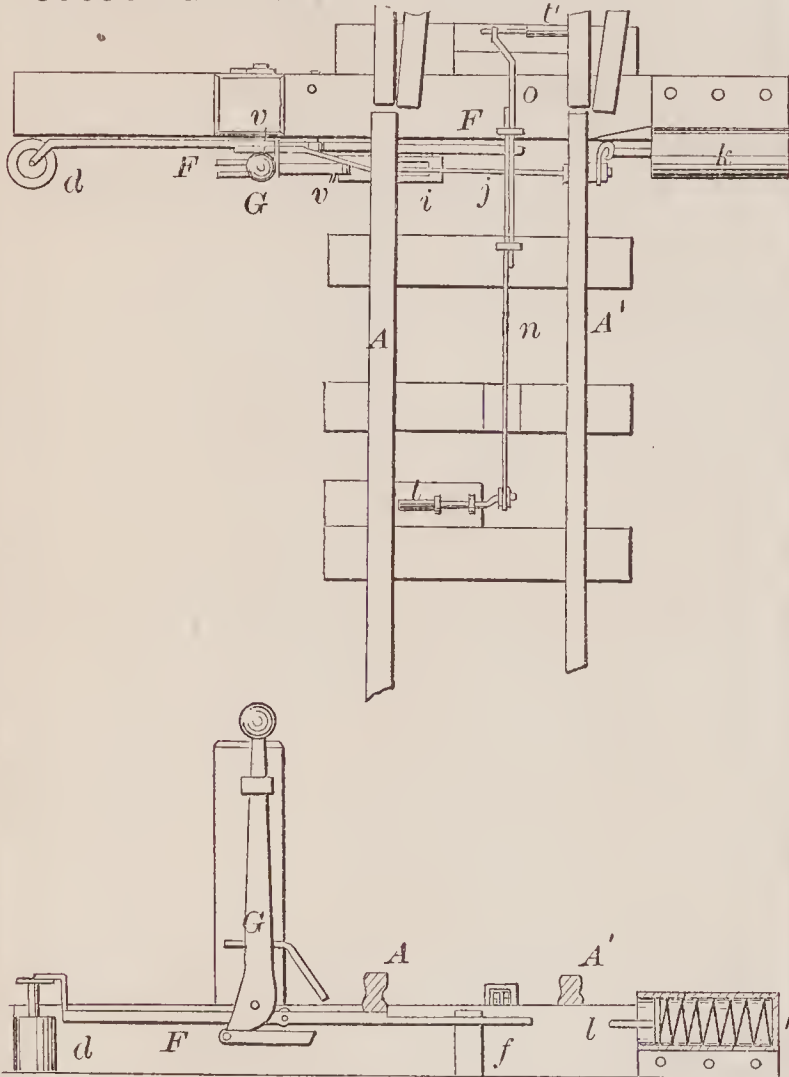
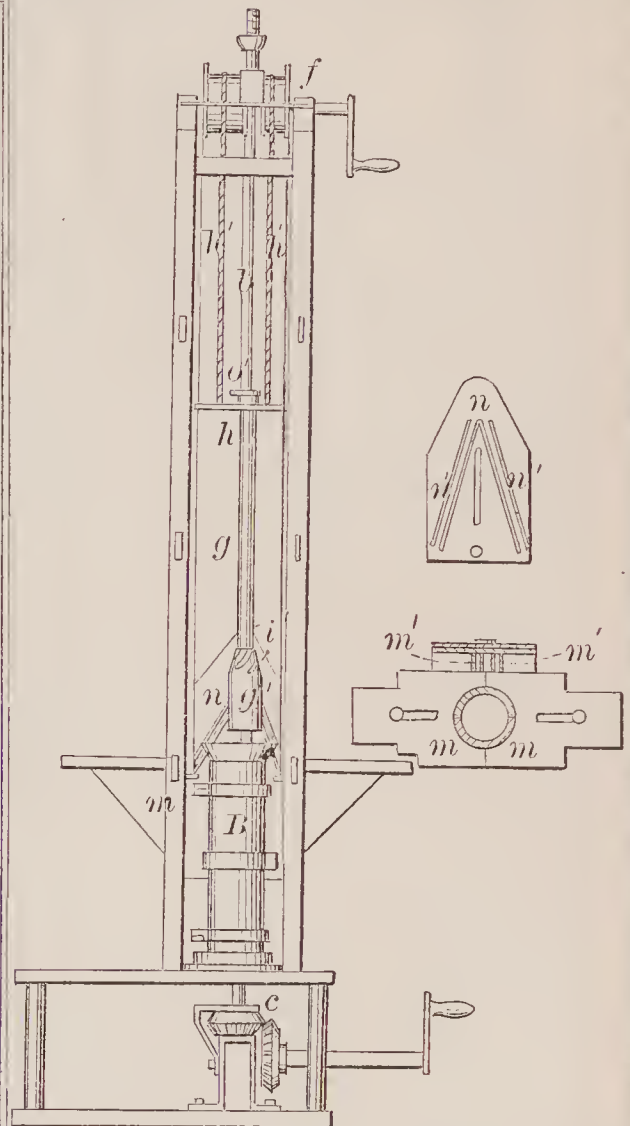
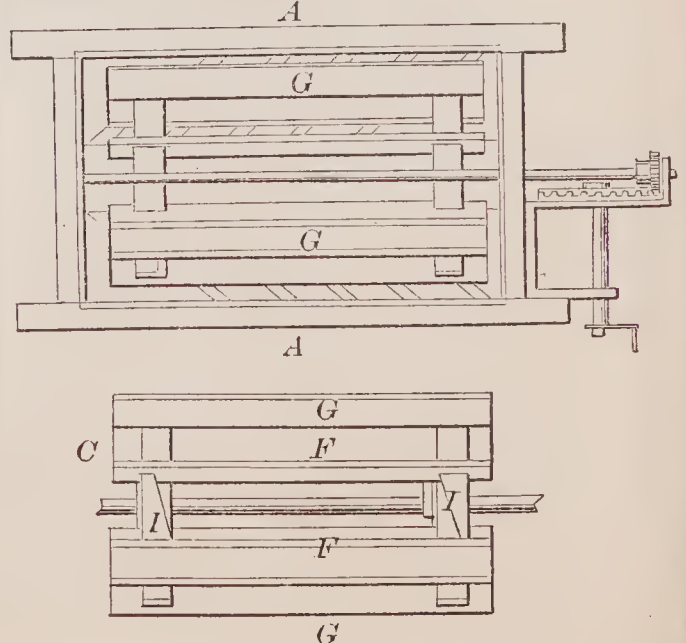
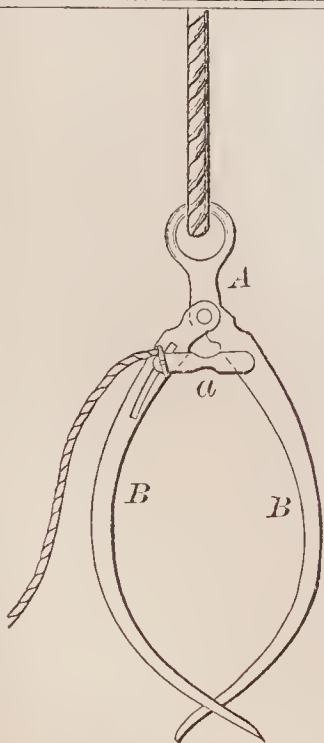


69845—S. Schofield—*Tinting Shuttle.*

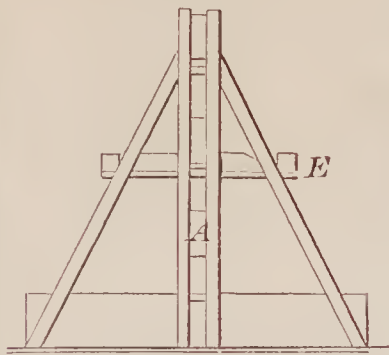


69849—J. L. Sheppard—*Cotton Bale Tie.*

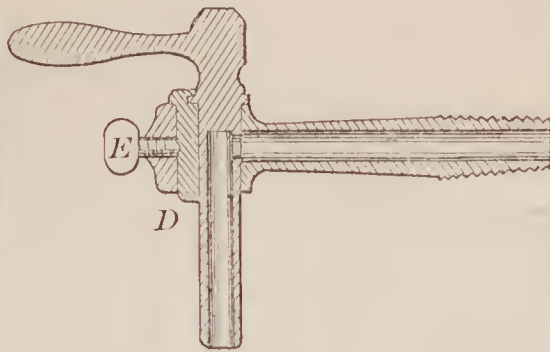


69850—G. Sherwood—*Folding Seat.*69853—J. W. Smith—*For Cutting Tobacco.*69856—G. W. Starr—*Railroad Switch.*69854—W. Smith—*For Moulding Pipe.*69855—I. H. Spelman—*Churn.*69857—B. F. Stewart—*Horse Hay Fork.*69851—W. J. Shipman—*Toy Pistol.*

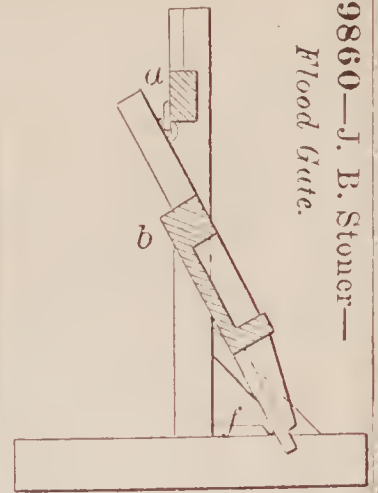
69858—E. Stiles—*Farm Fence.*



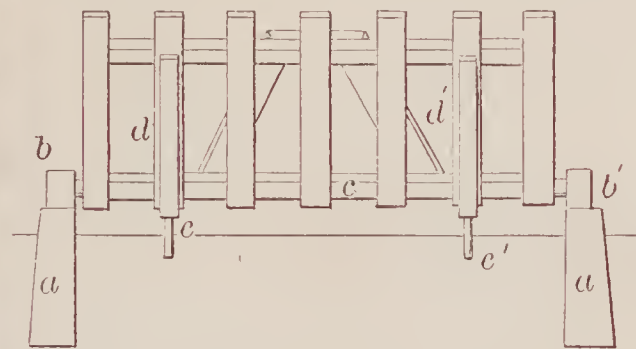
69859—S. C. Stokes—*Faucet.*



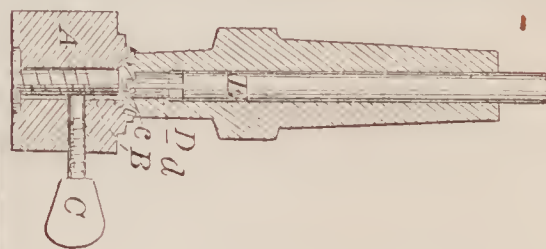
69860—J. B. Stoner—*Flood Gate.*



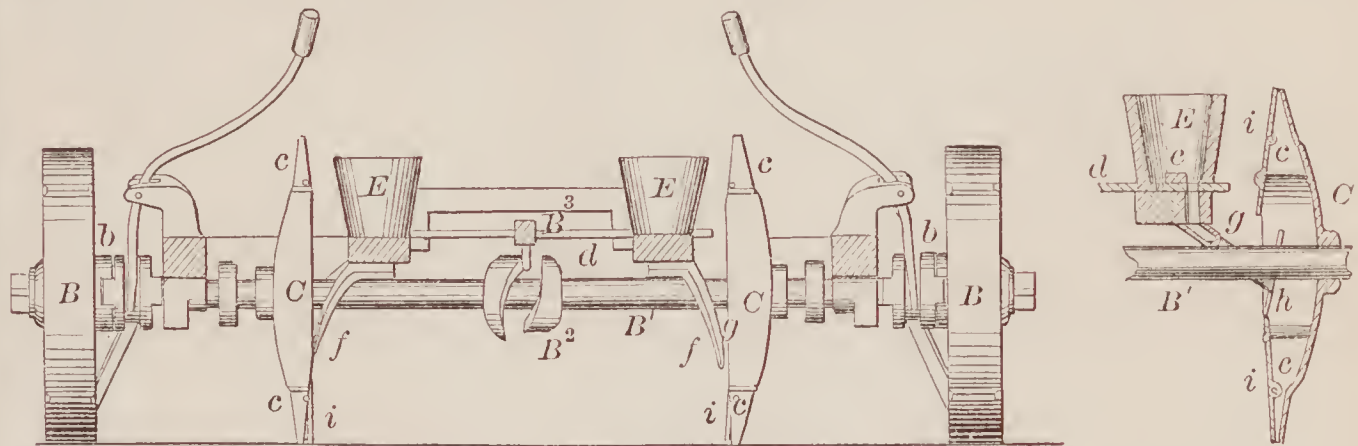
69861—J. B. Stoner—*Portable Flood Fence.*



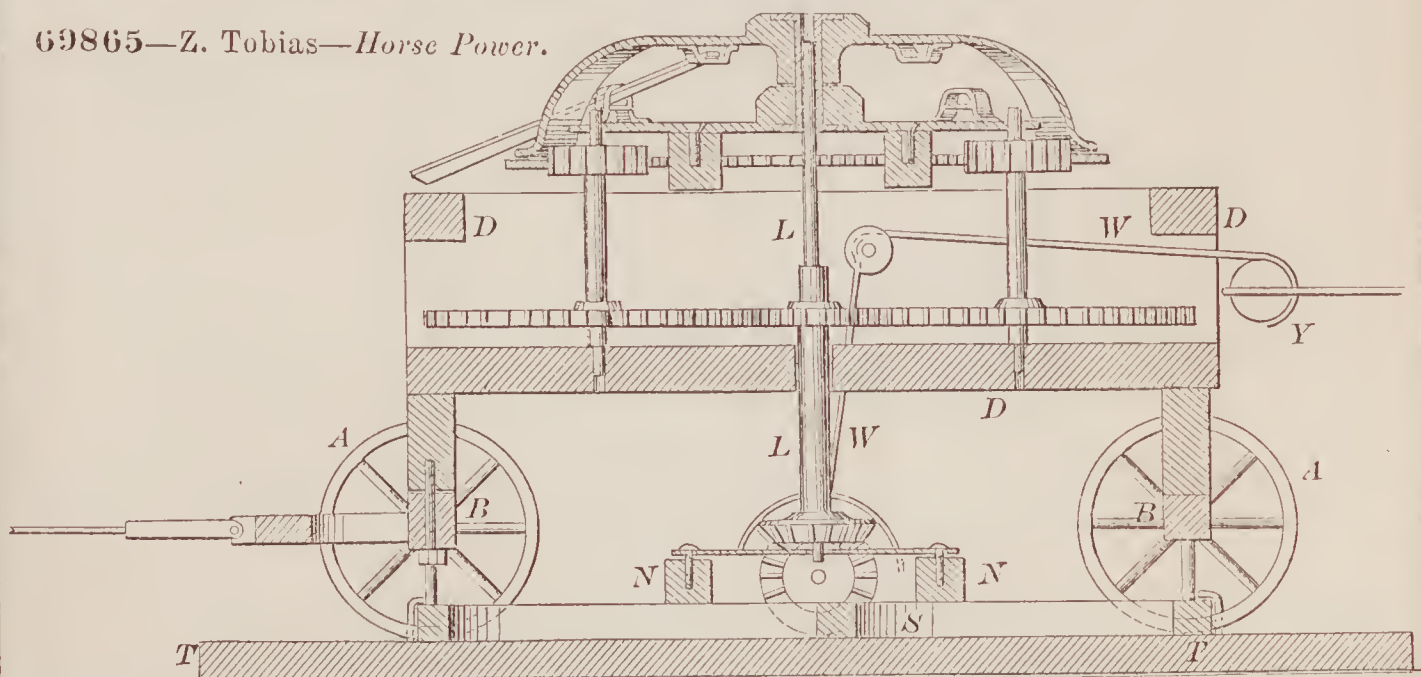
69863—O. W. Swift—*For Capping Screws.*



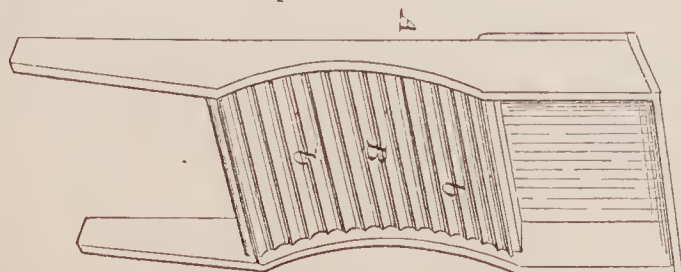
69862—L. Study—*Corn Planter.*



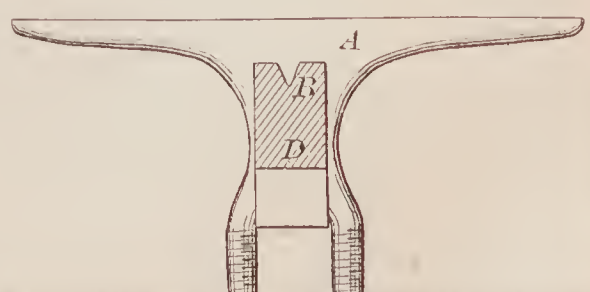
69865—Z. Tobias—*Horse Power.*



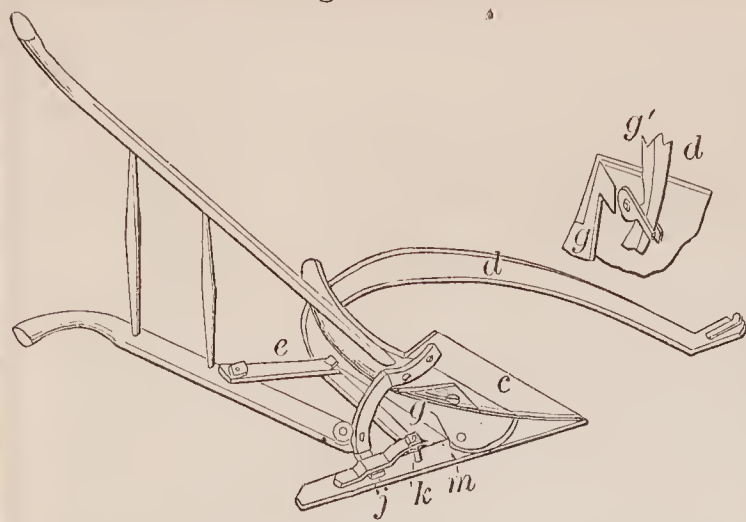
69864—J. Thompson—*Wash Board.*



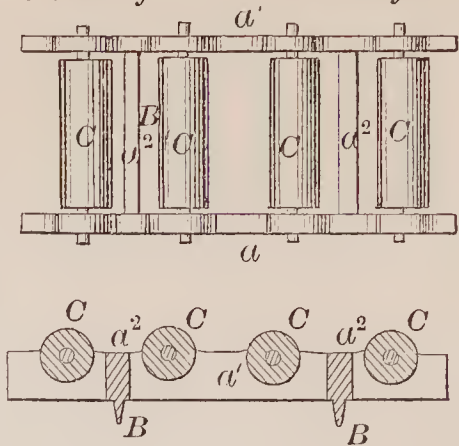
69866—I. N. Topliff—*Clip Circle.*



69867—J. Vandegrift—*Plow.*



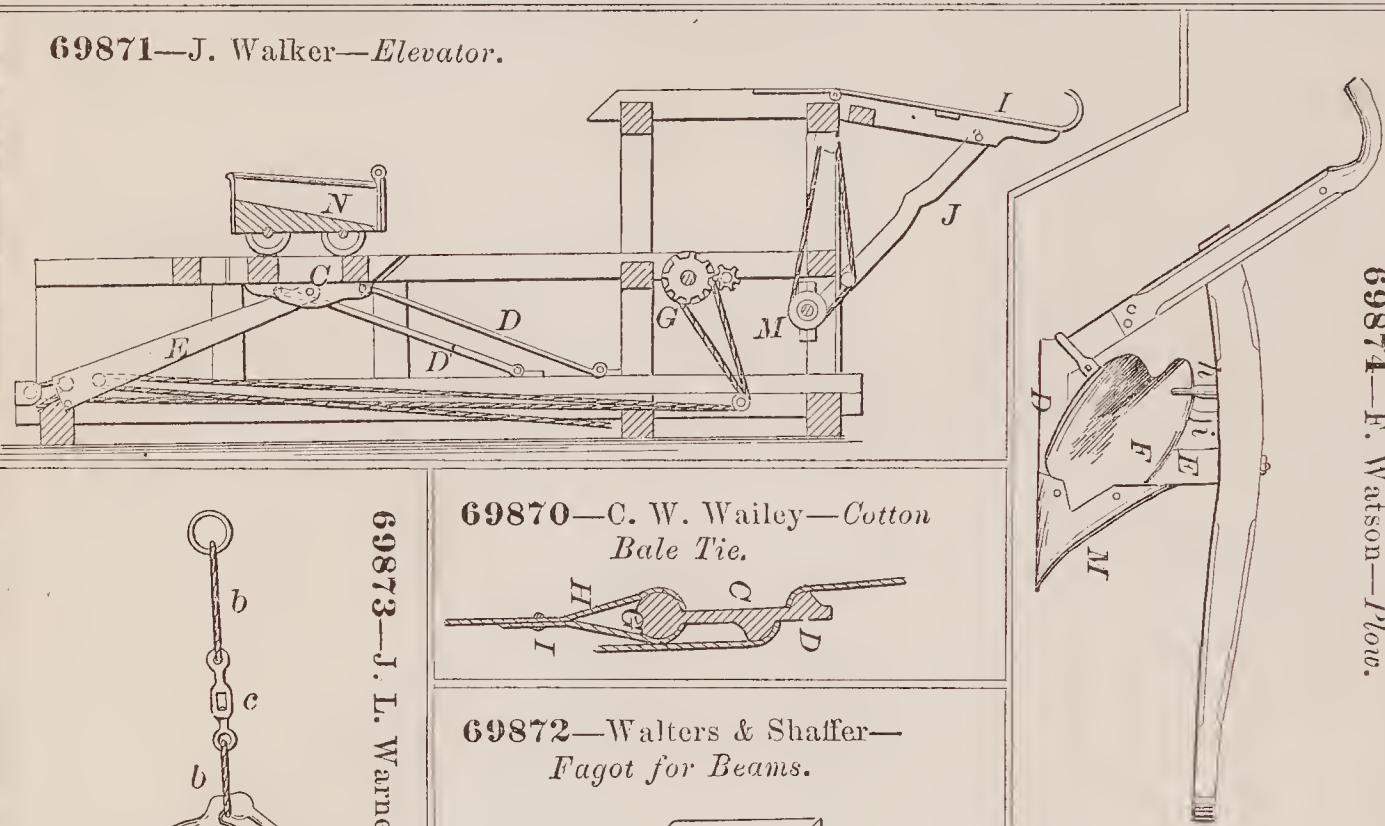
69868—R. M. Van Sickler—*Roller Frame for Elevator Platforms.*



69869—E. P. Vaux—*Pipe for the Transmission of Fluids.*

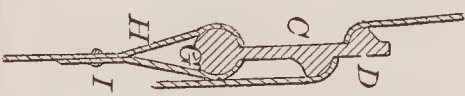


69871—J. Walker—*Elevator.*

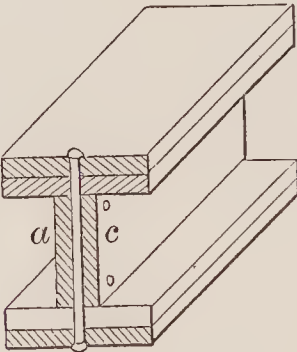


69874—F. Watson—*Plow.*

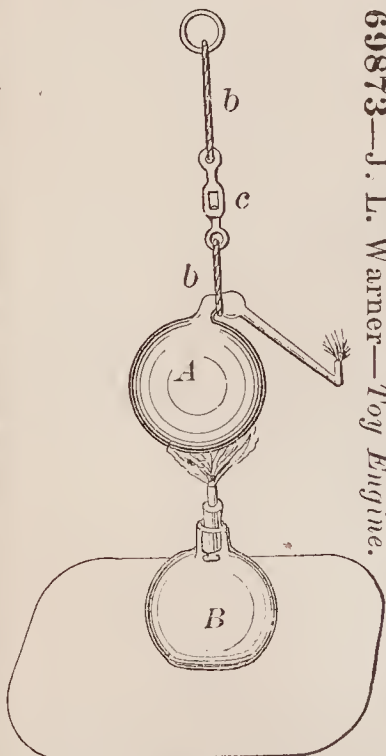
69870—C. W. Wailey—*Cotton Bale Tie.*



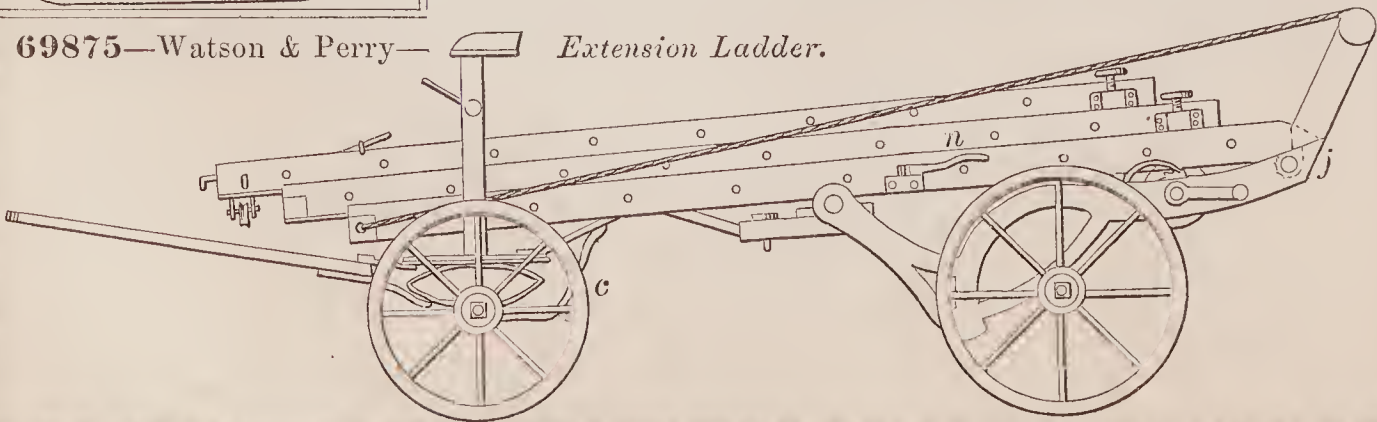
69872—Walters & Shaffer—*Fagot for Beams.*



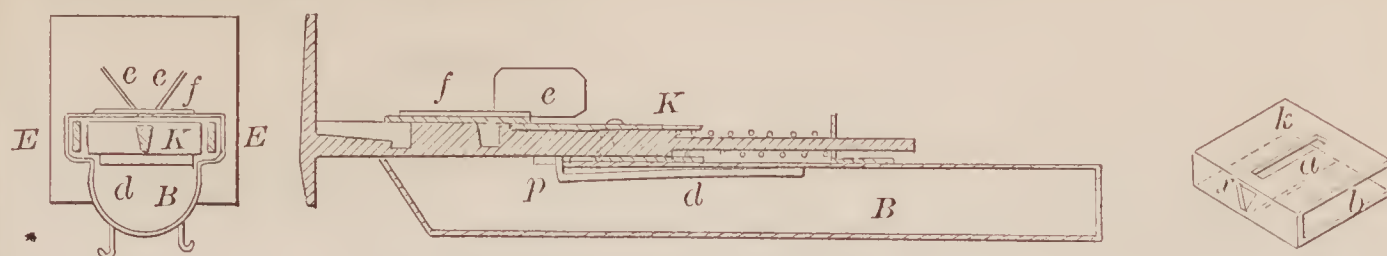
69873—J. L. Warner—*Toy Engine.*



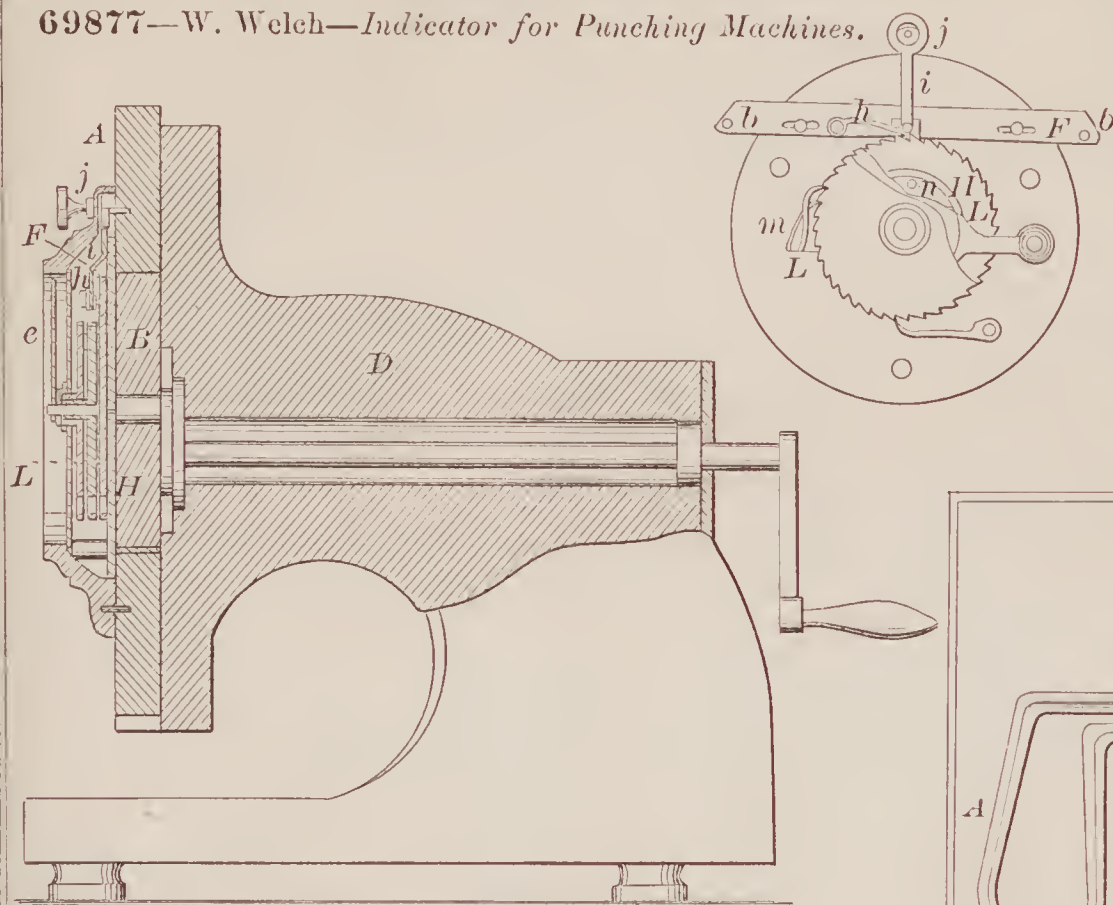
69875—Watson & Perry—*Extension Ladder.*



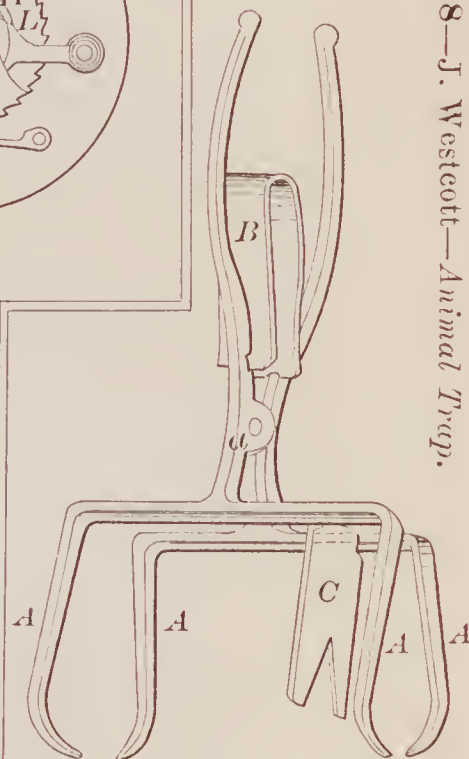
69876—L. Weaver—*Corn Dropper.*



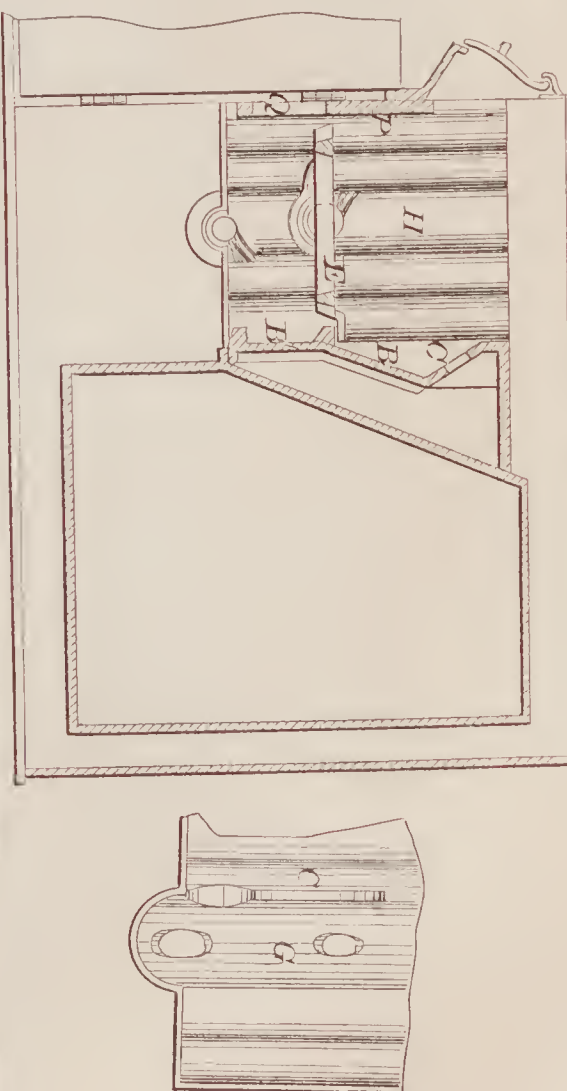
69877—W. Welch—*Indicator for Punching Machines.*



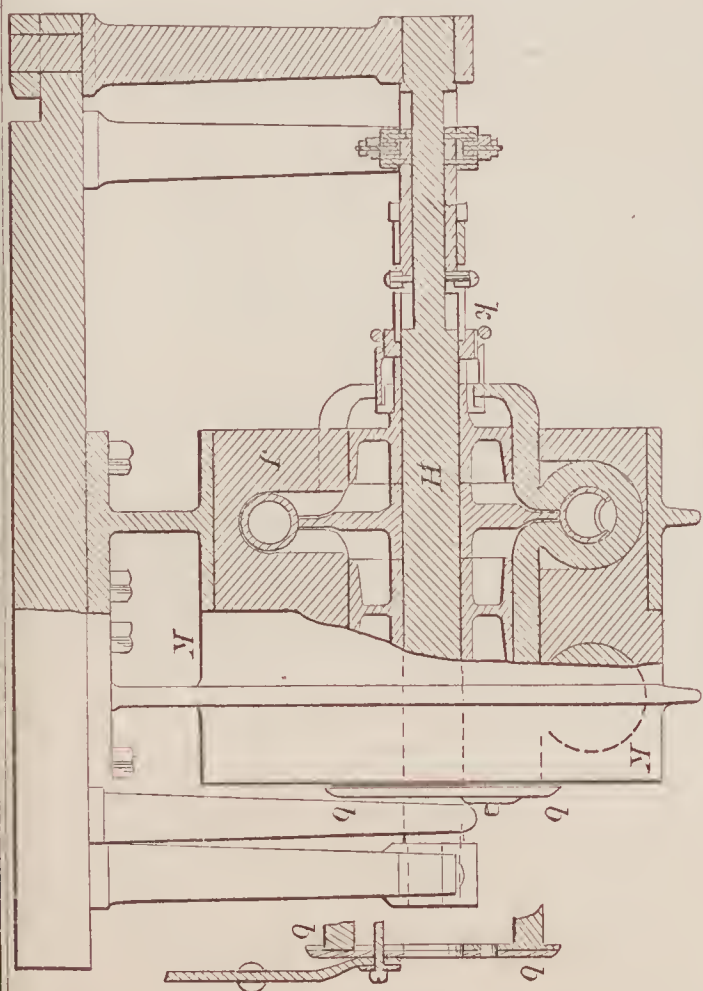
69878—J. Westcott—*Animal Trap.*

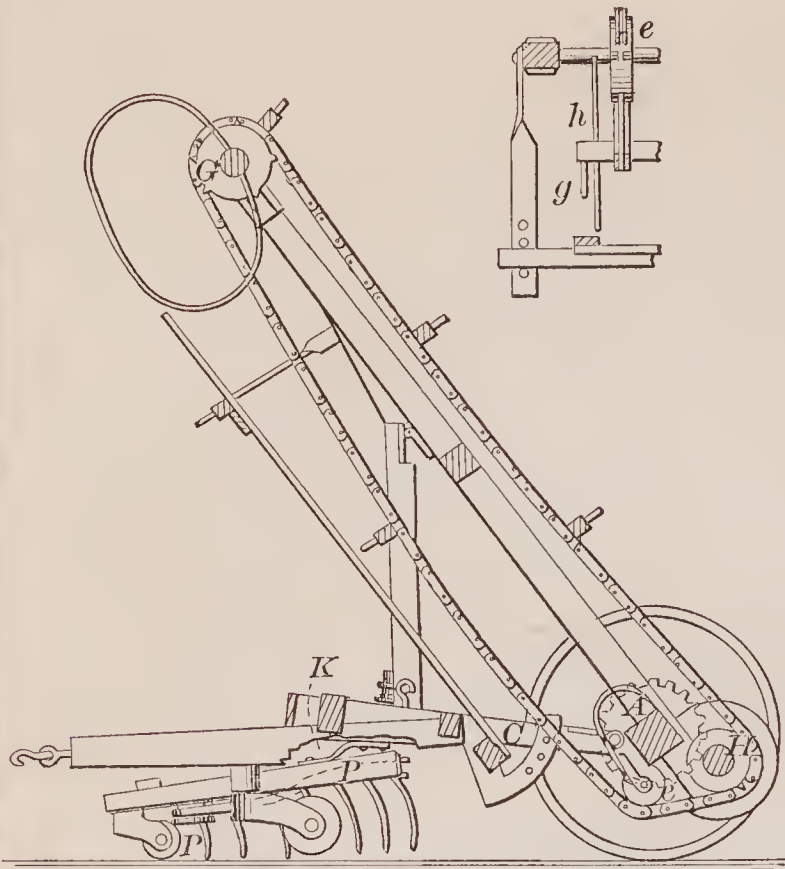
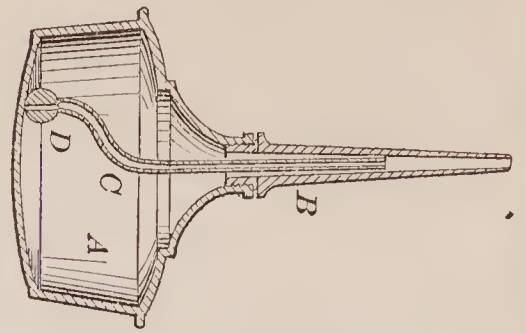
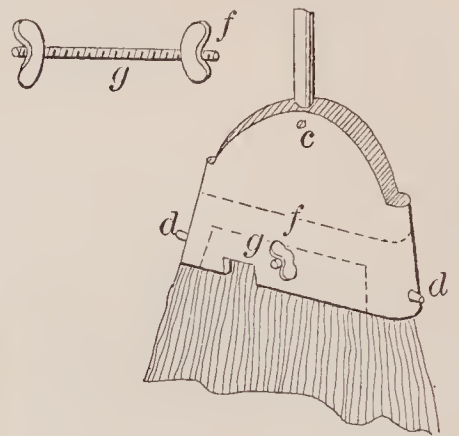
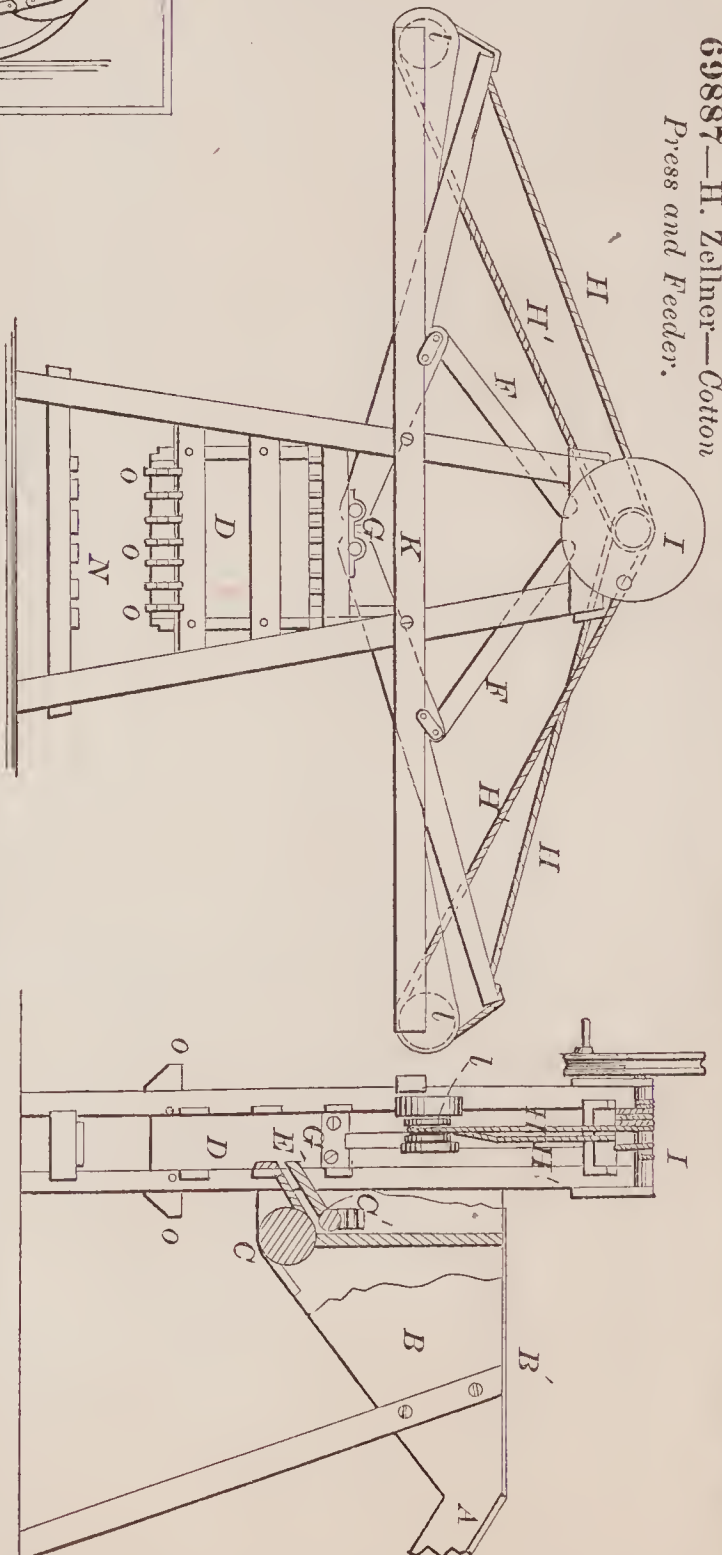
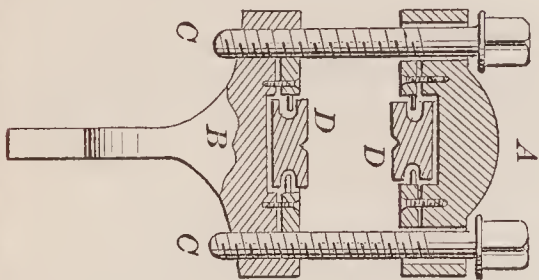
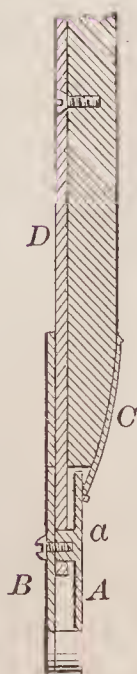
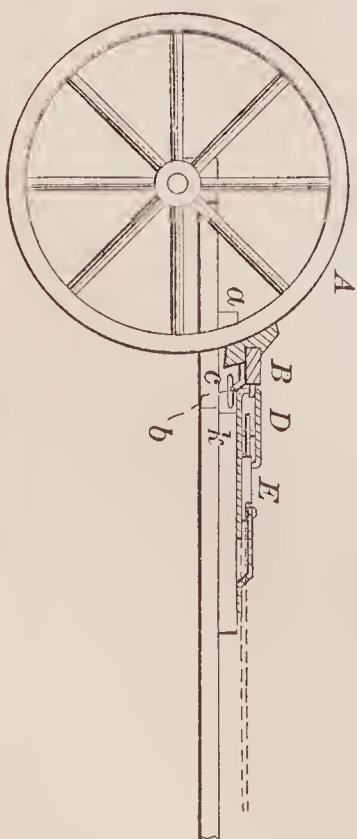


69879—W. H. Whitehead—*Cooking Stove Grate.*

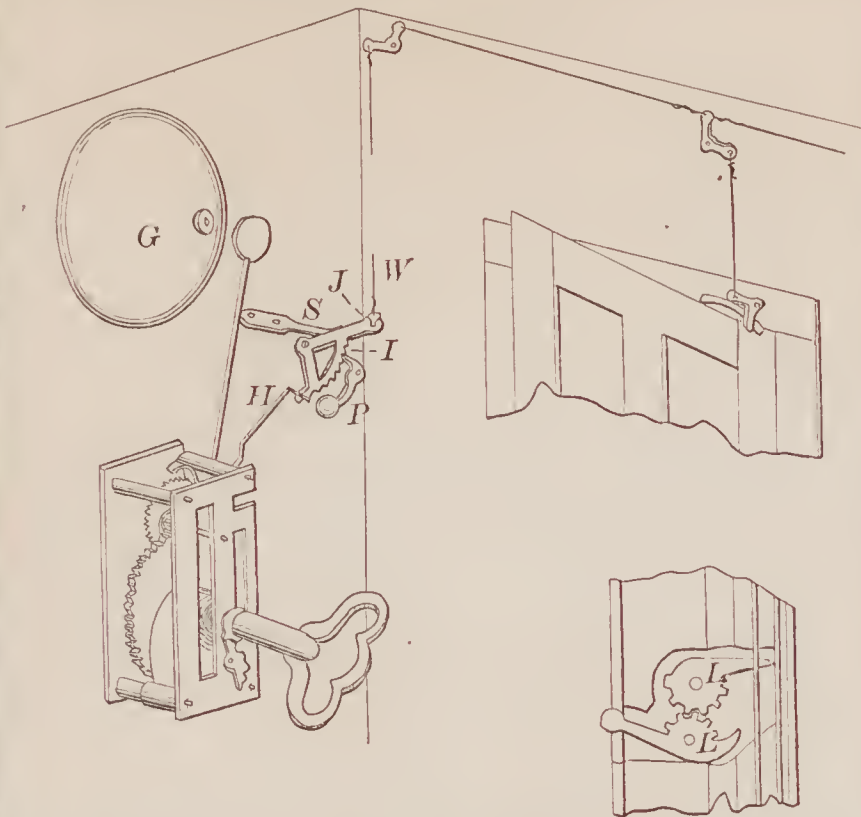


69880—W. Wickersham—*Electro-Magnetic Engine.*



69881—H. Willard—*Hay Raker and Loader.*69882—C. Williams—*Oil Cup.*69884—Wisner & Rose—*Broom Head.*69887—H. Zellner—*Cotton Press and Feeder.*69883—N. Wilton—*Jaw for Lathe Dogs and Bench Vises.*69885—G. & A. Woerber—*Carriage and Buggy Top Bolt Iron.*69886—L. E. Woodard—*Wagon Brake.*

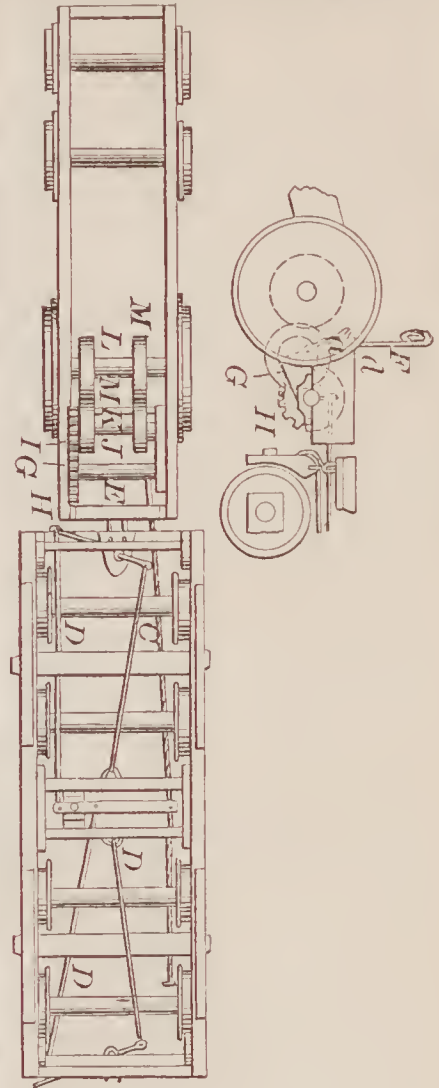
69888—G. S. Acker—*Burglar Alarm.*



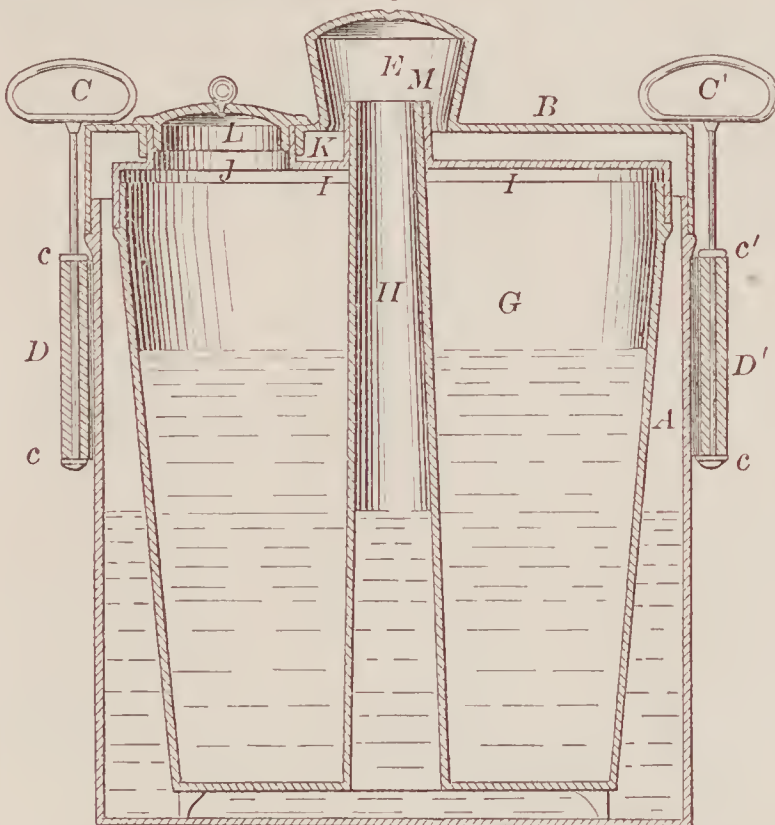
69891—E. Andrews—*Matches.*



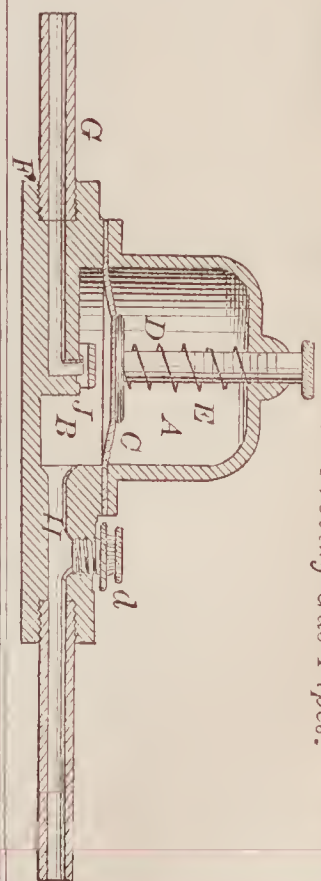
69892—J. L. Barnes—*Car Brake.*



69890—H. Adler—*Boiler.* e



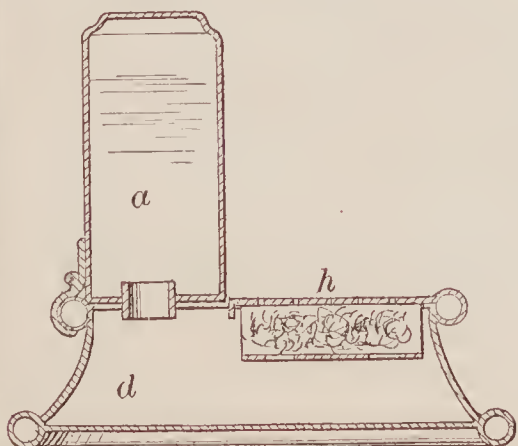
69894—A. C. Beardslee—*For Proving Gas Pipes.*



69893—W. R. Beans—*Bridle.*



69895—Benn & Luckman—*For Damping and Gumming Labels.*



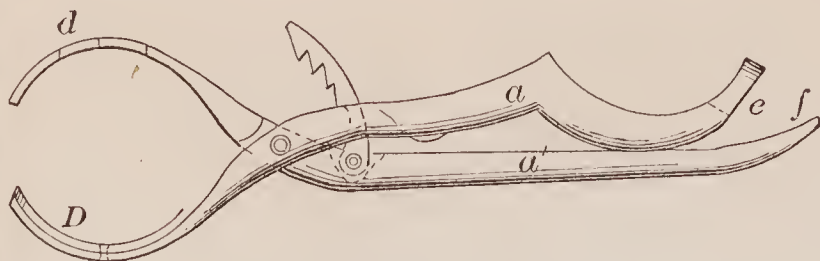
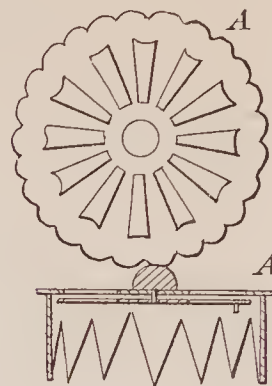
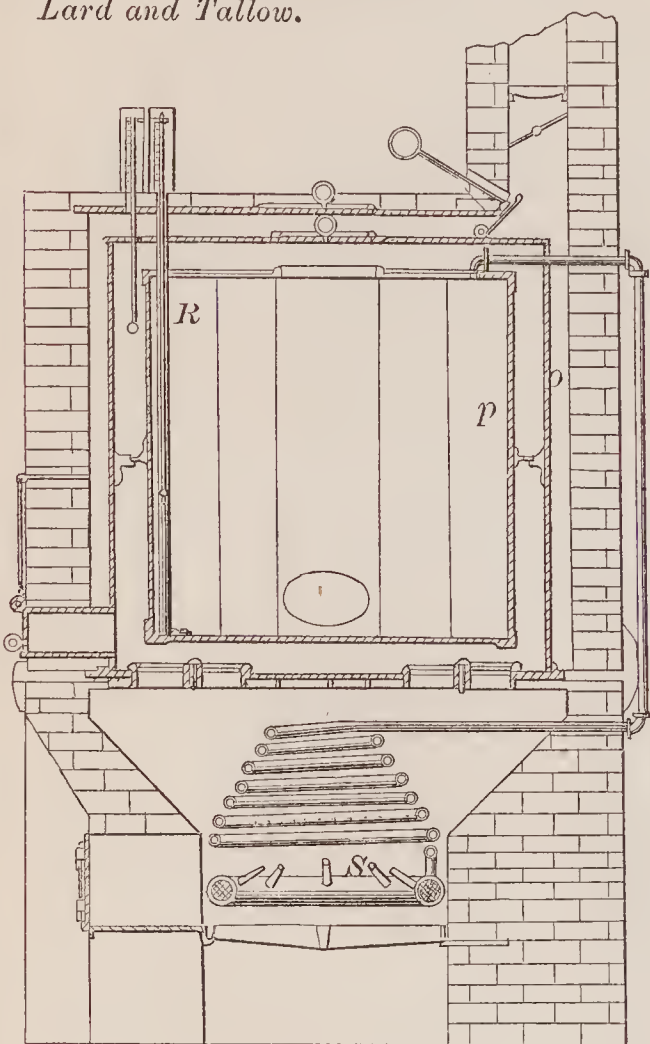
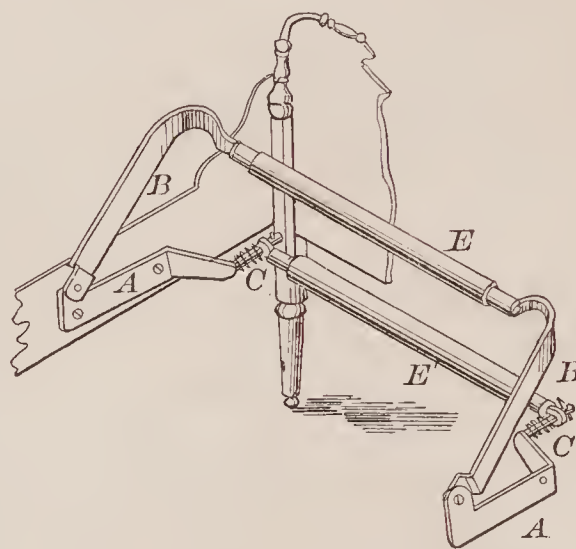
69896—H. Bitter—*Hose Tongs, Clamp, Winch and Pick.*69900—C. H. Coffin—*Hat Ventilator.*69897—A. Broadnax—*For Rendering Lard and Tallow.*69898—M. D. Brooks—*Bed Clothes Holder.*69899—C. C. Burrows—*Rowlock for Boats.*

Fig. 3

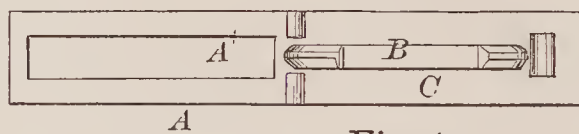
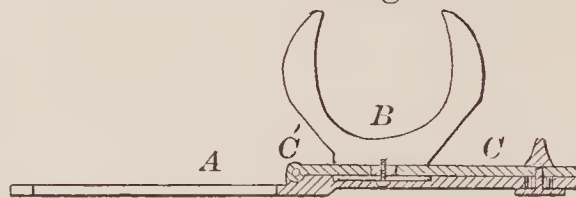
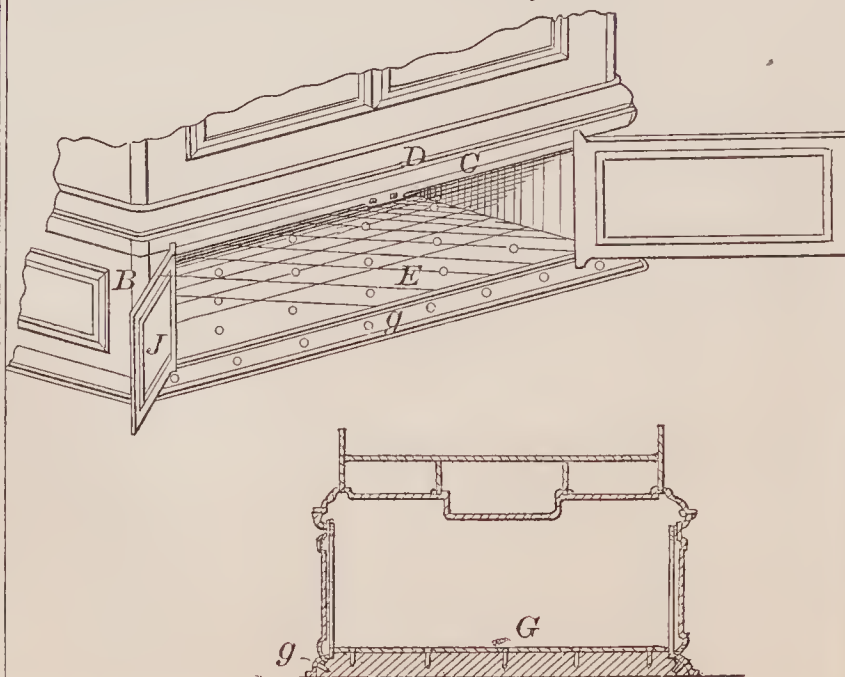
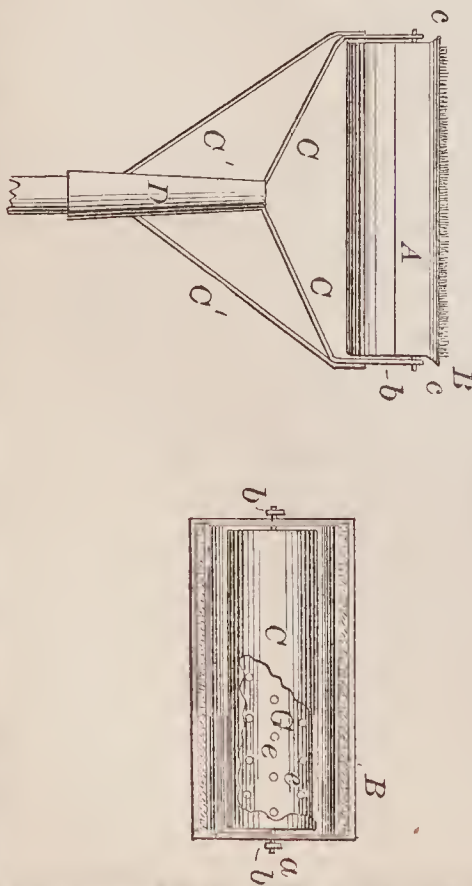
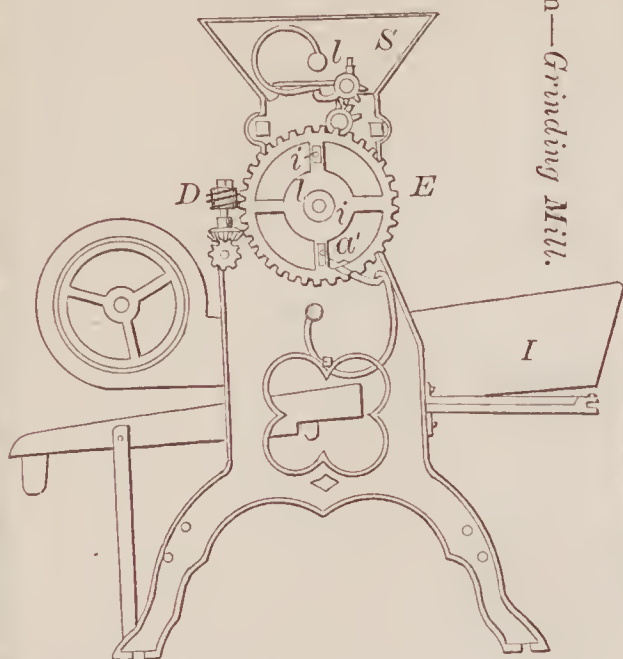
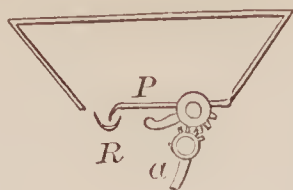


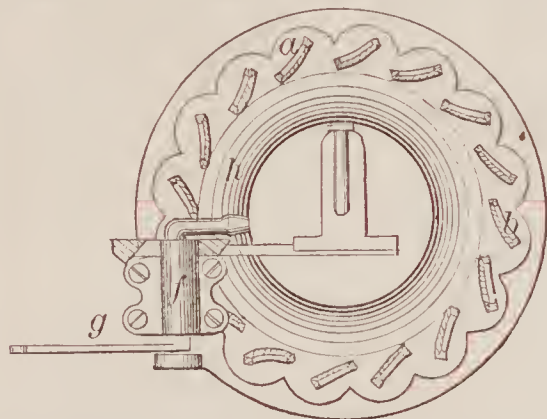
Fig. 4

69902—W. C. Davis—*Cooking Stove.*69901—J. Davis—*Fountain Brush.*

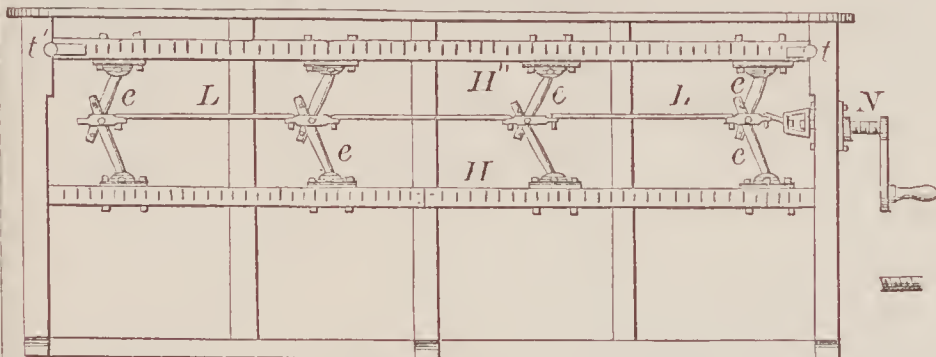
69903—J. Donaldson—*Grinding Mill.*





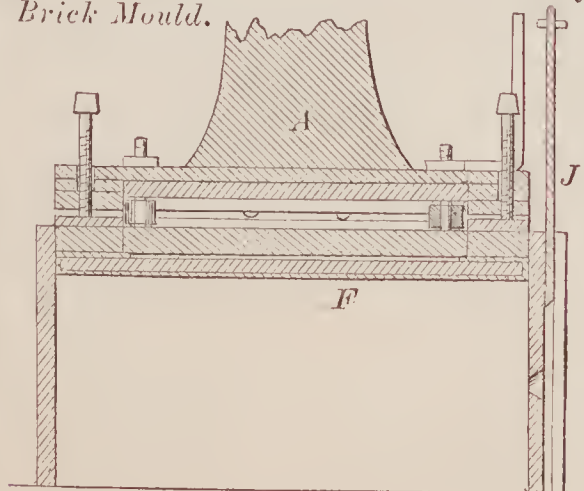
69908—J. Fox—*Harvester.*



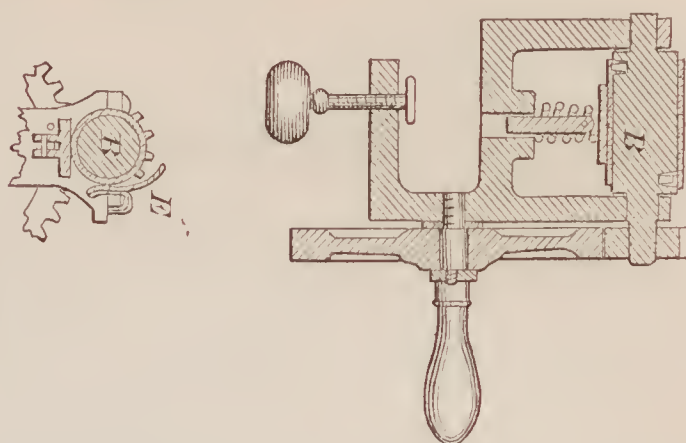
69907—Force & Renwick—*Tenter Bar.*



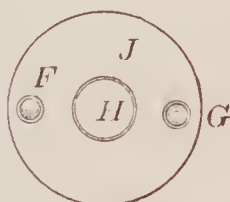
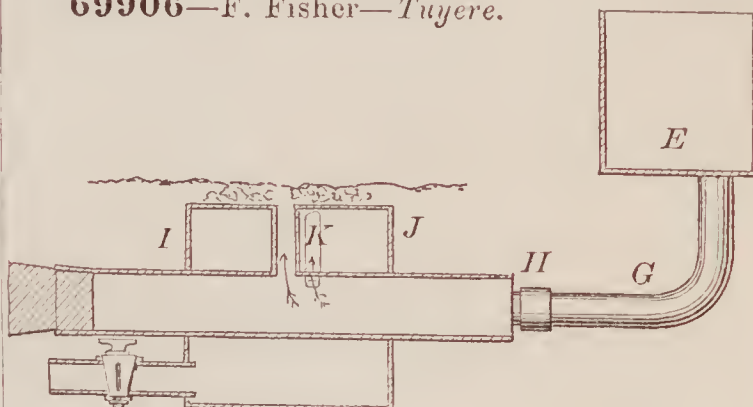
69909—Franklin, McIntire & Whitely—
Brick Mould.  



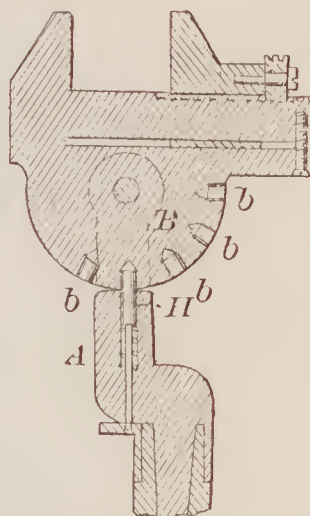
69905—J. A. Ewins—*Knife Cleaner.*



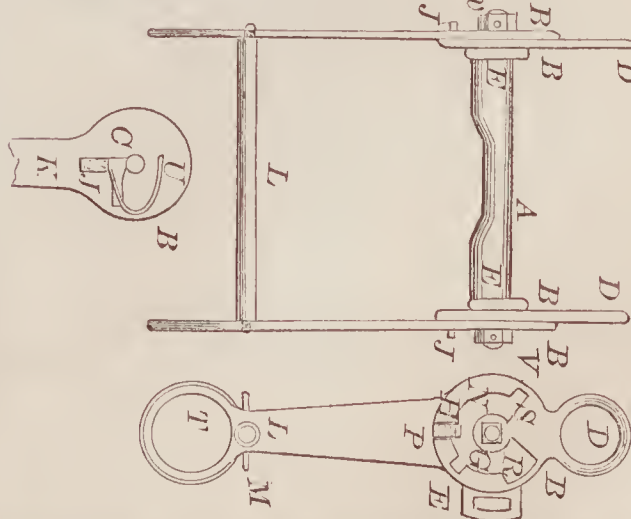
69906—F. Fisher—*Tuyere*.

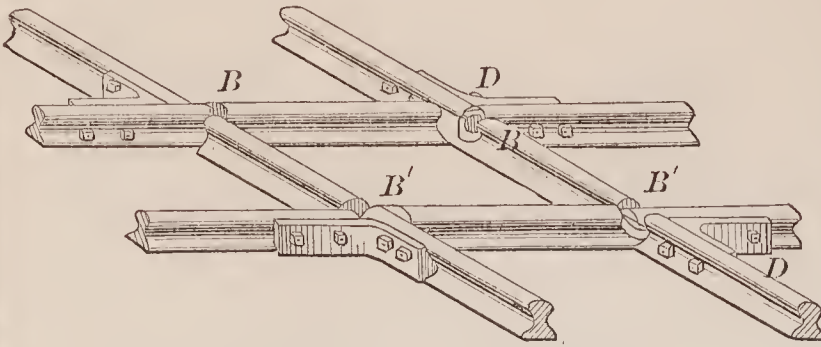
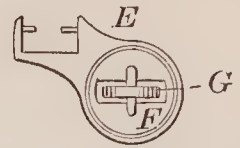
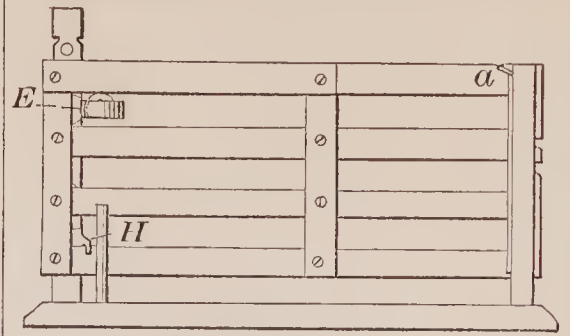
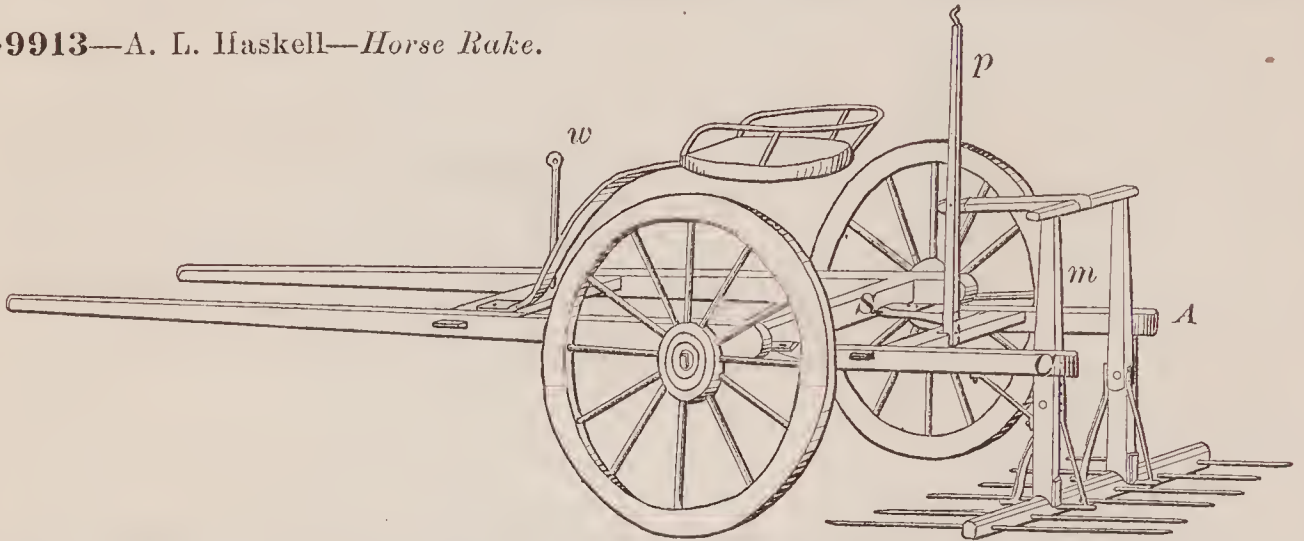
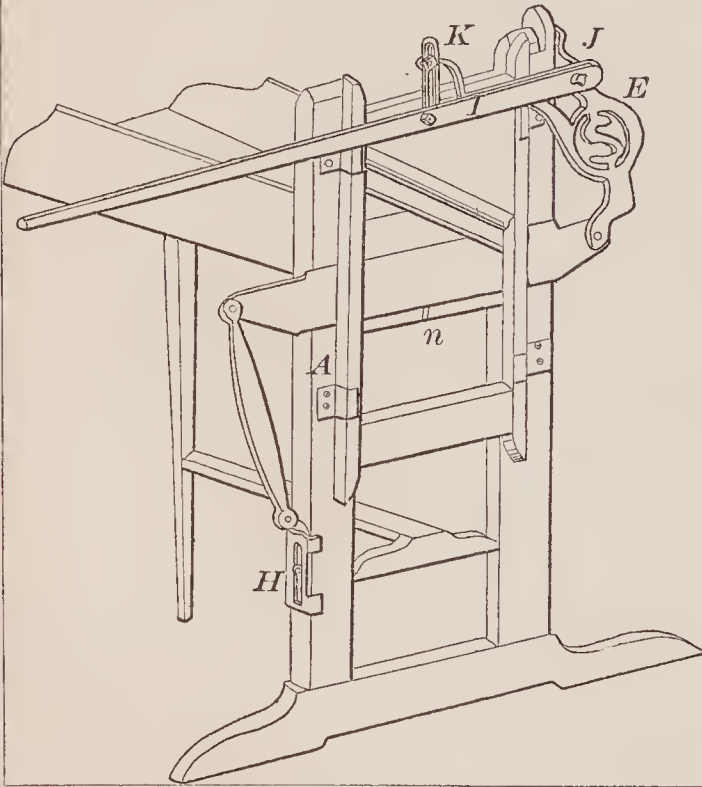
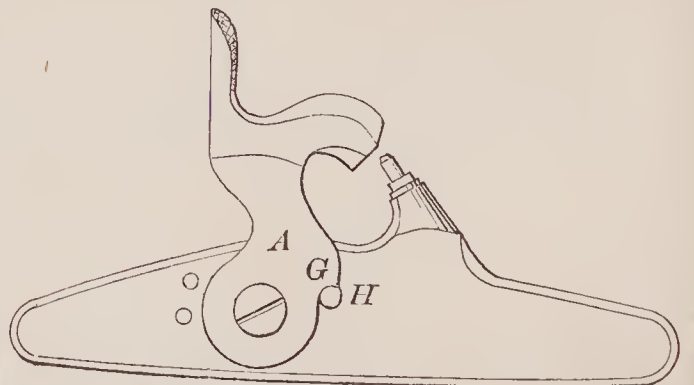
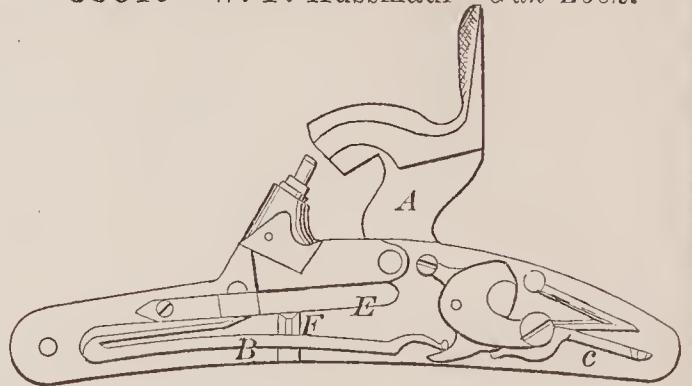
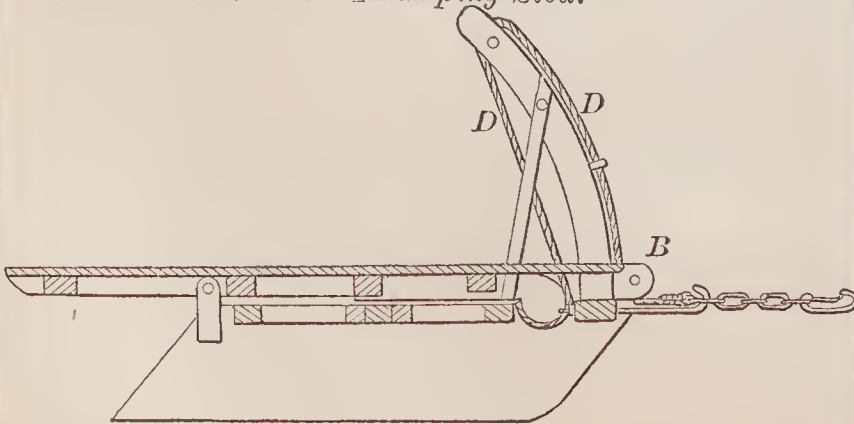
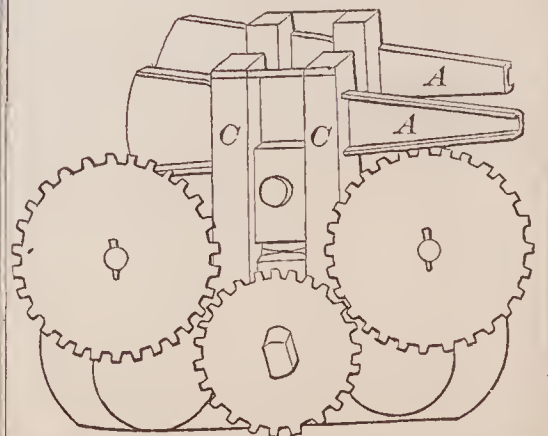


69911—D. Harrigan—Wrench.

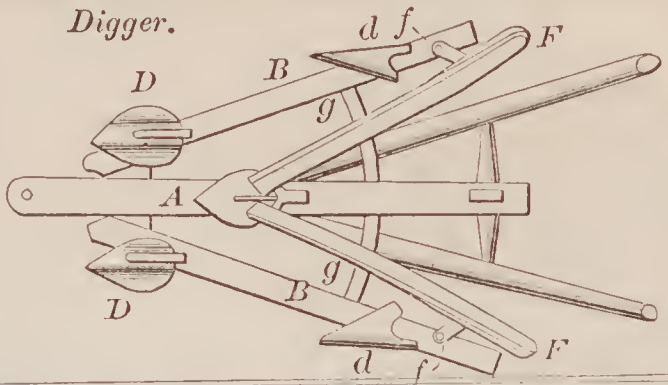


69910—J. P. Gates—*Bridle Bit.*

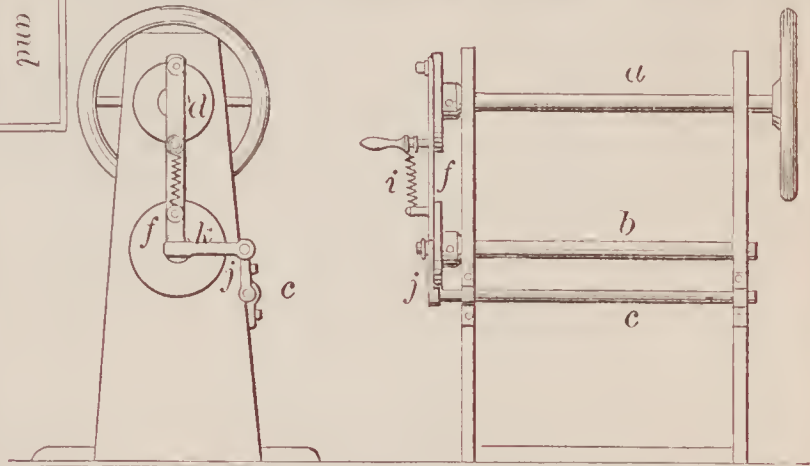


69912—Harris & Elliot—*Railroad Crossing.*69914—L. Hermance—*Gate.*69913—A. L. Haskell—*Horse Rake.*69915—N. Holmes—*Straw Cutter.*69919—W. F. Kussmaul—*Gun Lock.*69918—J. L. Knoll—*Dumping Sled.*69916—G. Huntington—*Bending Machine.*

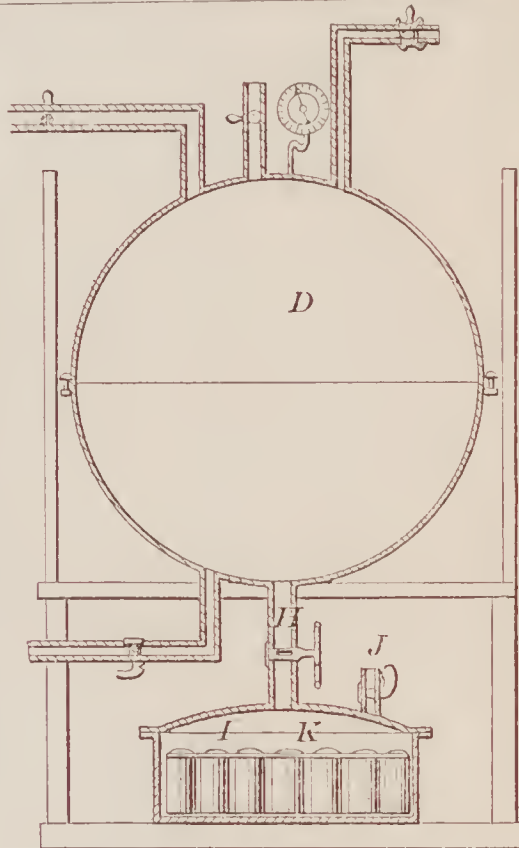
69928—Morris & Green—Hoe and Potato Digger.



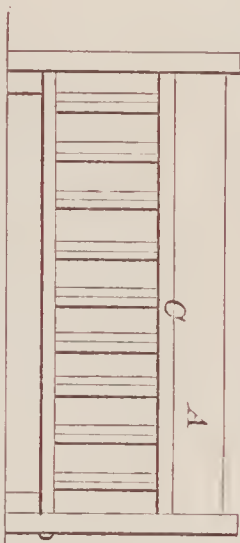
69929—J. Niebergall—Mechanical Movement.



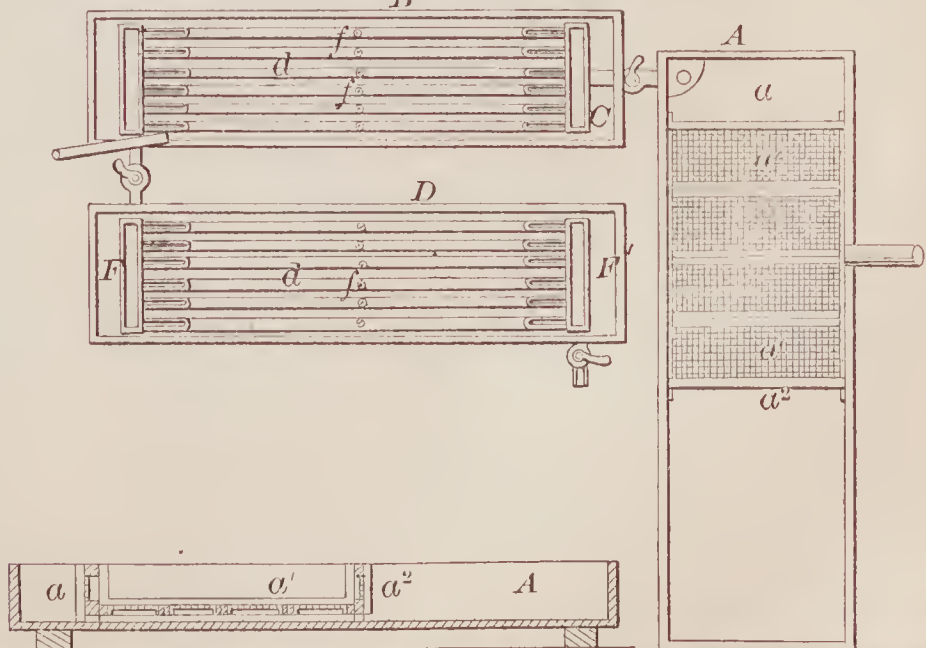
69924—J. G. McMillan—For Preserving Fruit, &c.



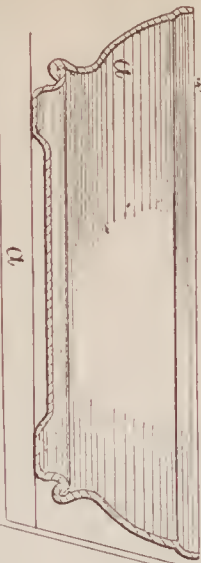
69925—G. McWilliams—Sheep Shed and Rack.



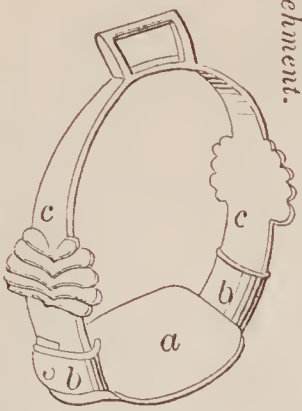
69920—W. Partington—For Cooling Malt Liquor.



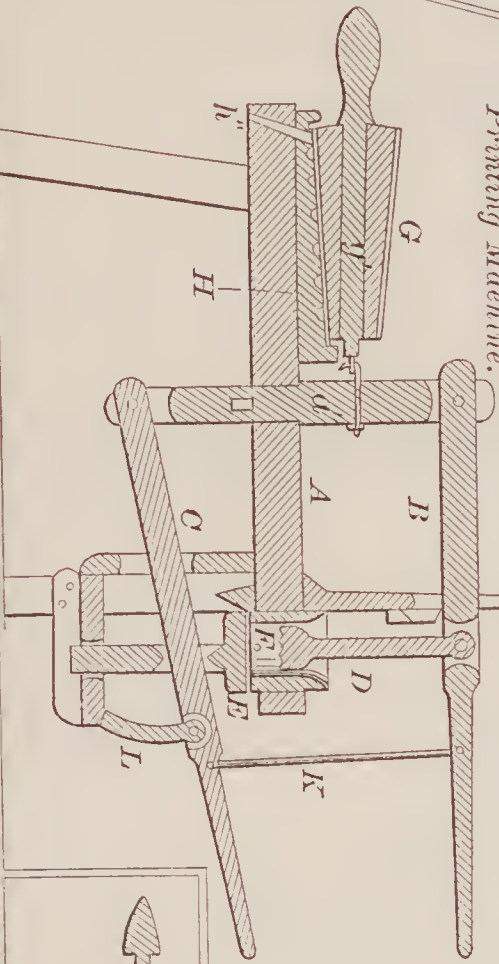
69922—W. W. Lyman—Tea and Coffee Pot.



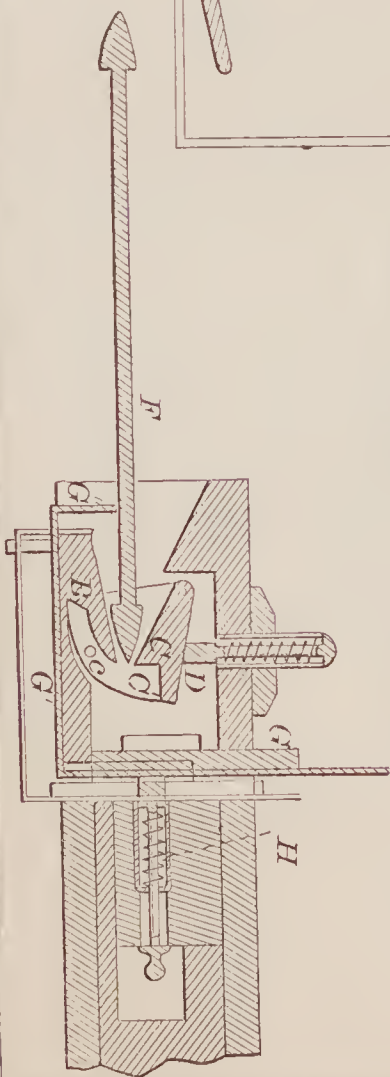
69920—I. L. Landis—Stirrup Attachment.



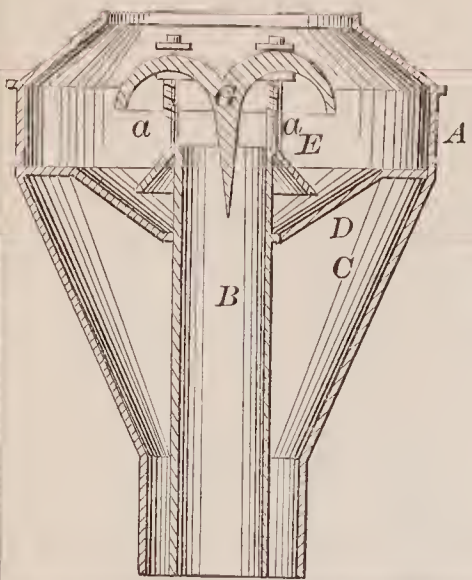
69923—A. S. & S. B. McDowell—Butter Working and Printing Machine.



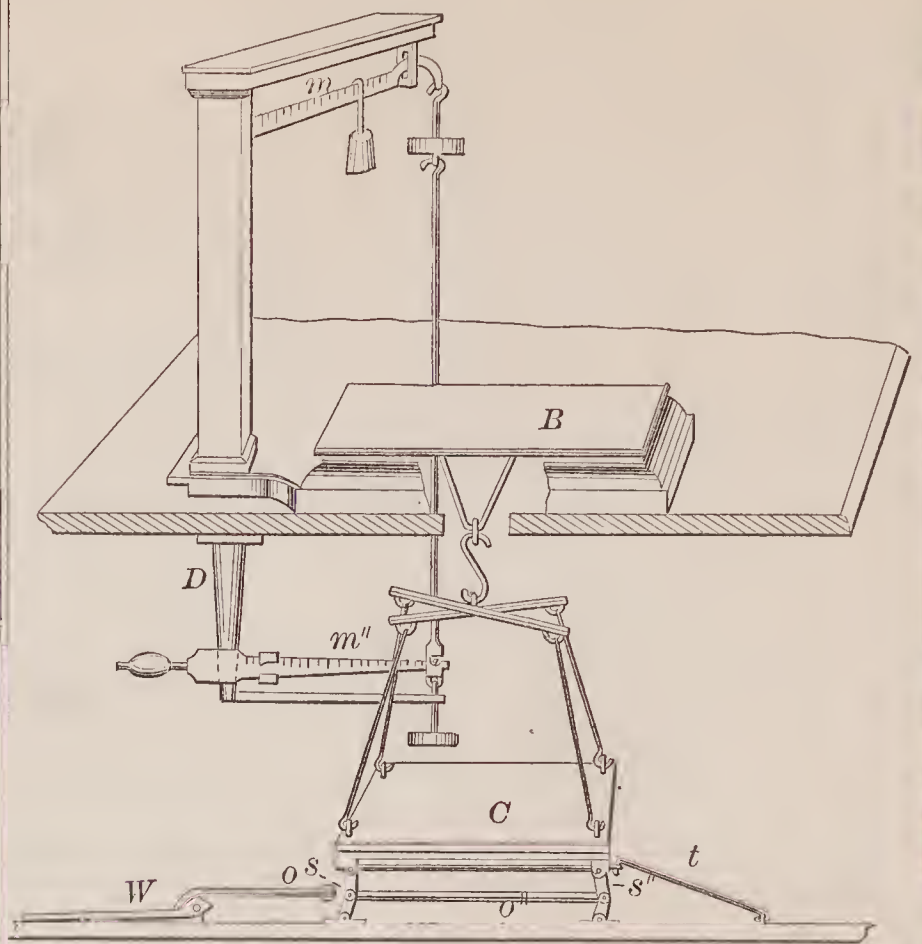
69927—J. Miller—Car Coupling.



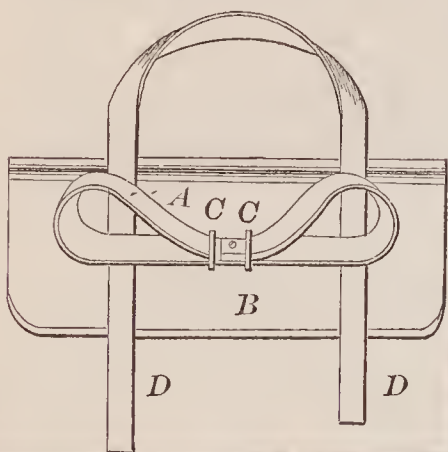
69931—A. Pearsall—*Spark Arrester.*



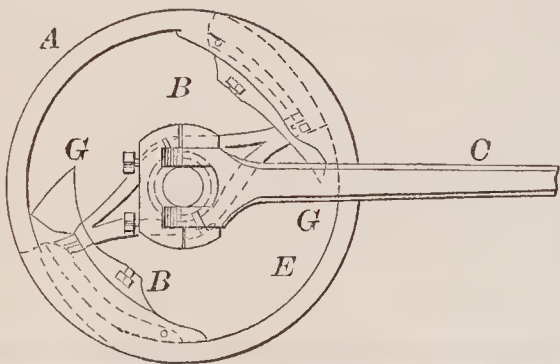
69933—Pope & Whipple—*Weighing Scale.*



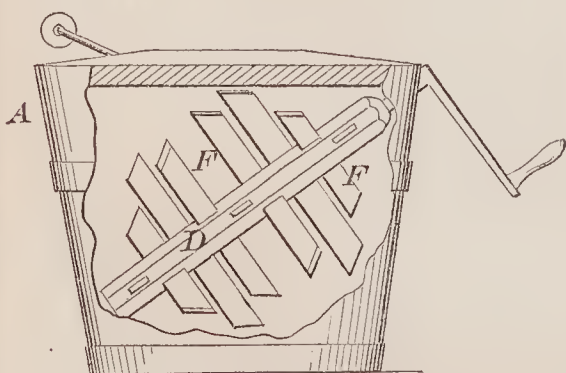
69935—Potter & Barling—*Rein Holder.*



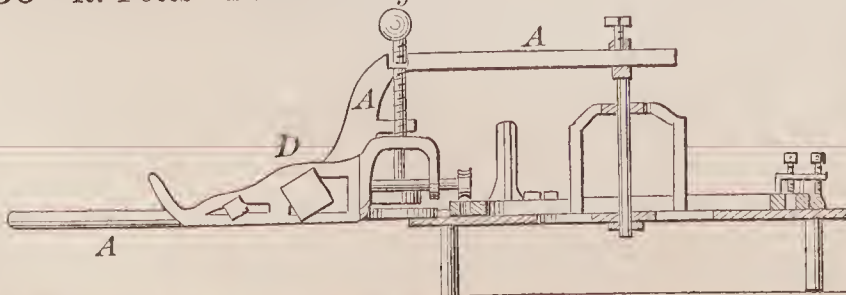
69932—P. D. Pike—*Water Wheel.*



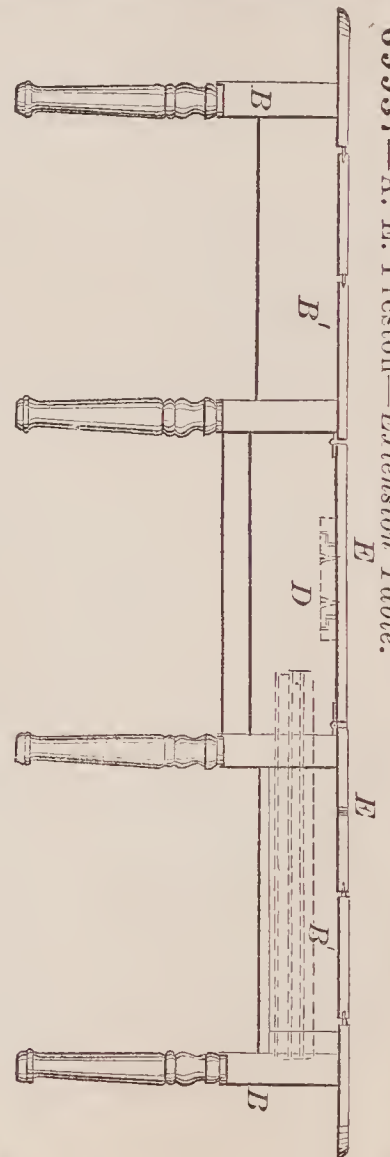
69934—E. Porter—*Churn.*



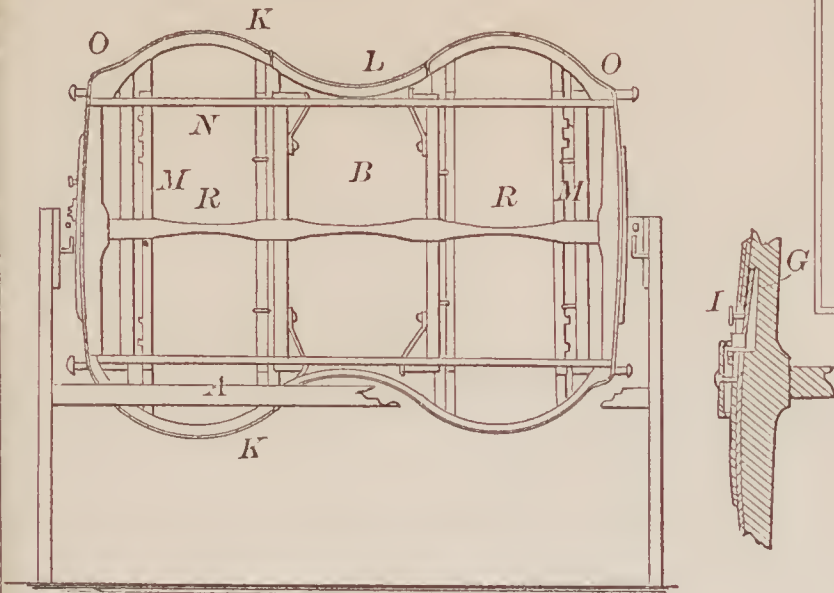
69936—R. Potts—*For Bending Metals.*



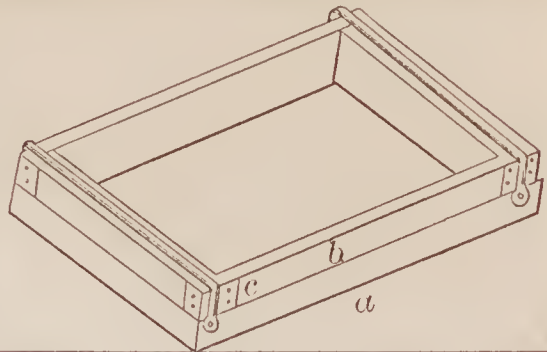
69937—A. E. Preston—*Extension Table.*



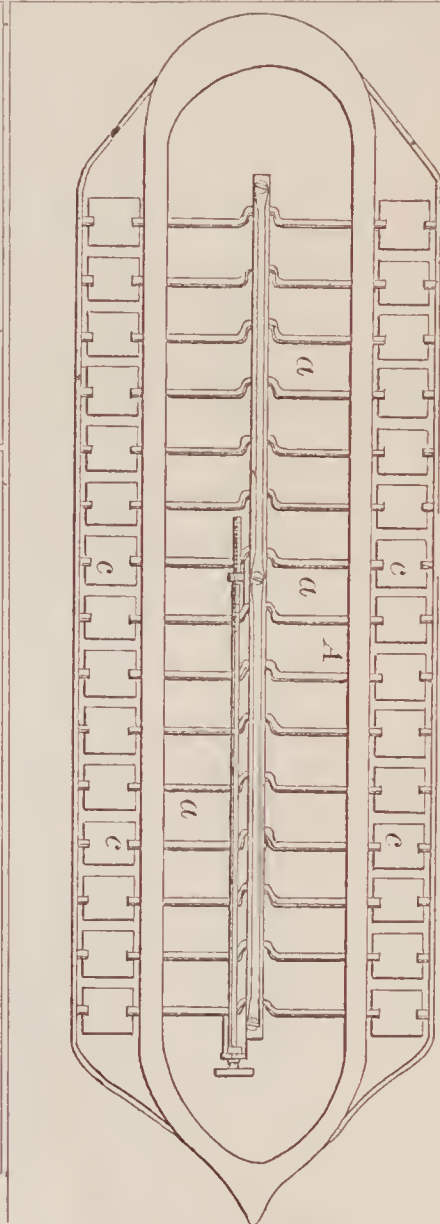
69938—Rhoades & Carroll—*Railway Car Seat.*



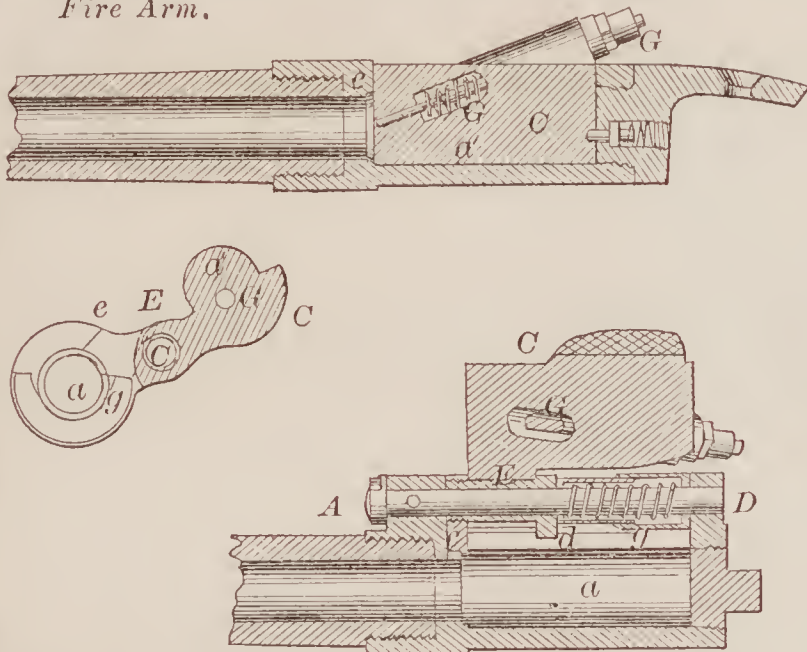
69939—T. C. Riddell—*Baking Frame.*



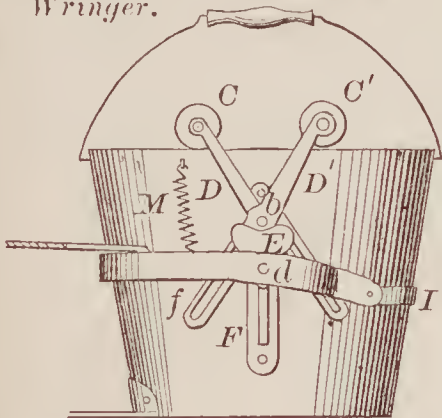
69940—E. C. B. Riek—*Submarine Vessel.*



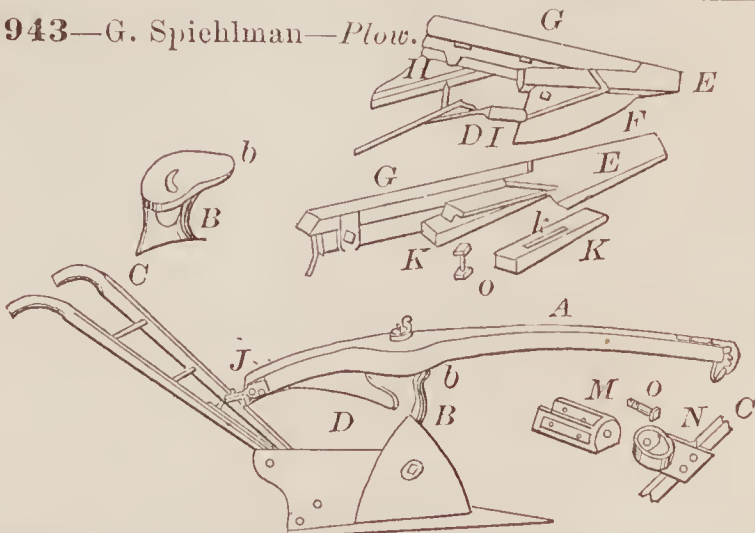
69941—A. Snider, Adm'x—*Breech-Loading Fire Arm.*



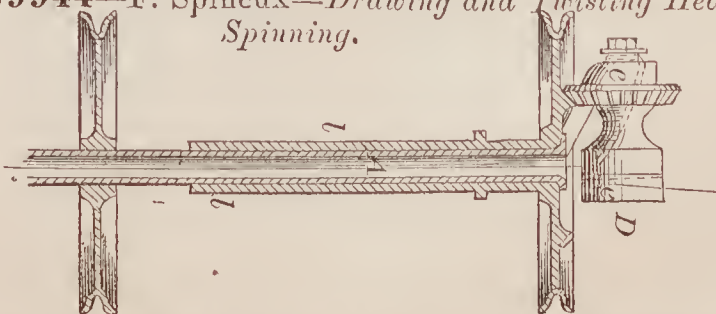
69942—R. W. Soper—*Mop Wringer.*

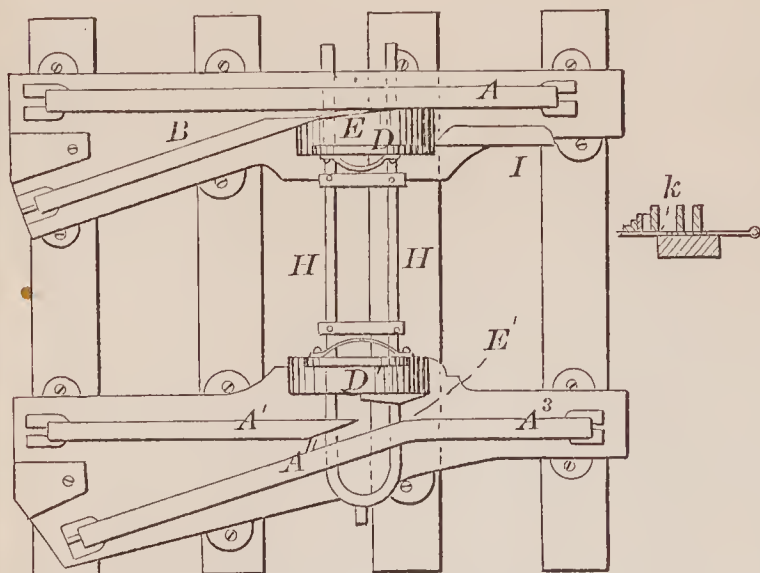
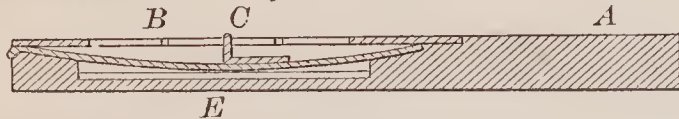
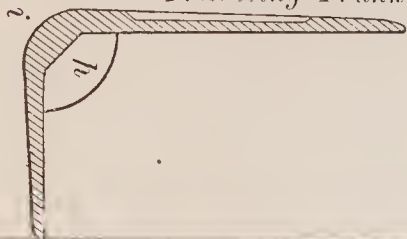
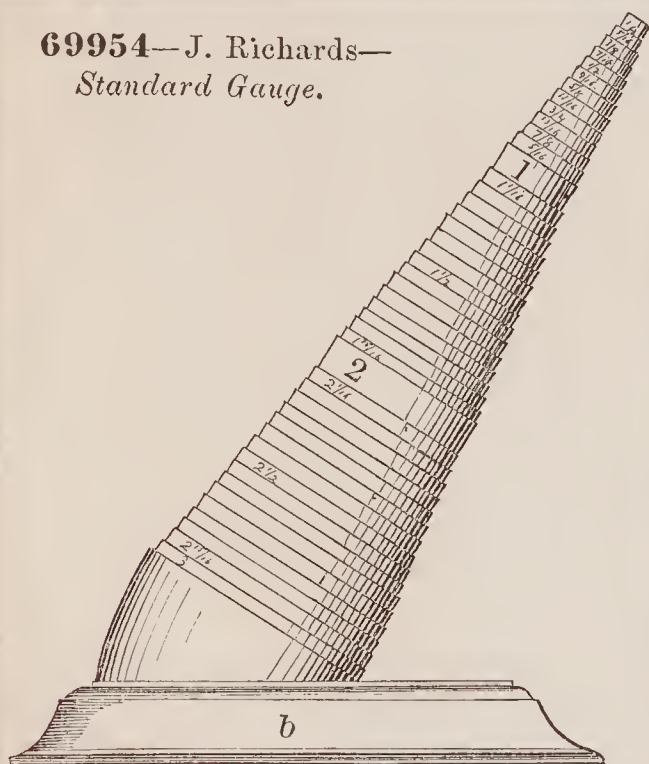
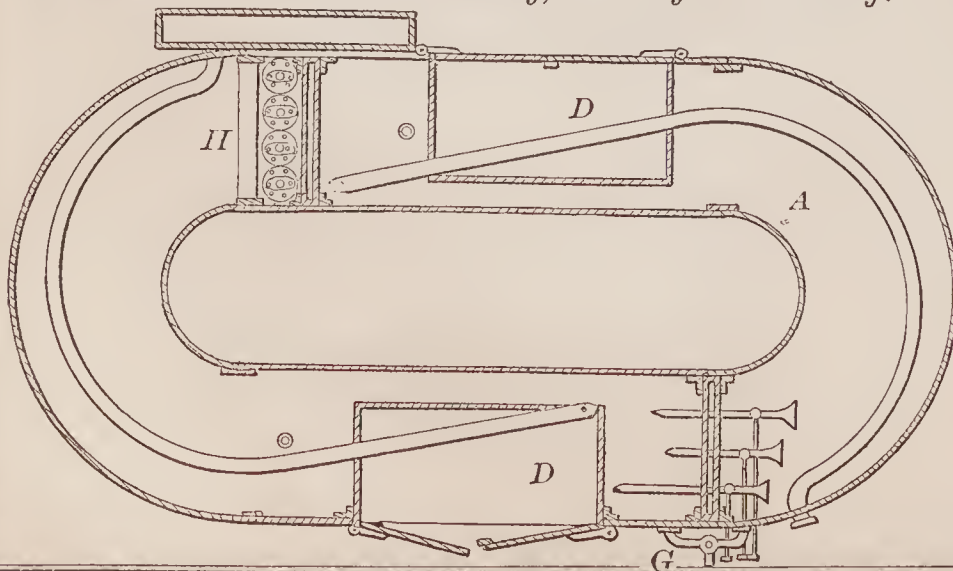
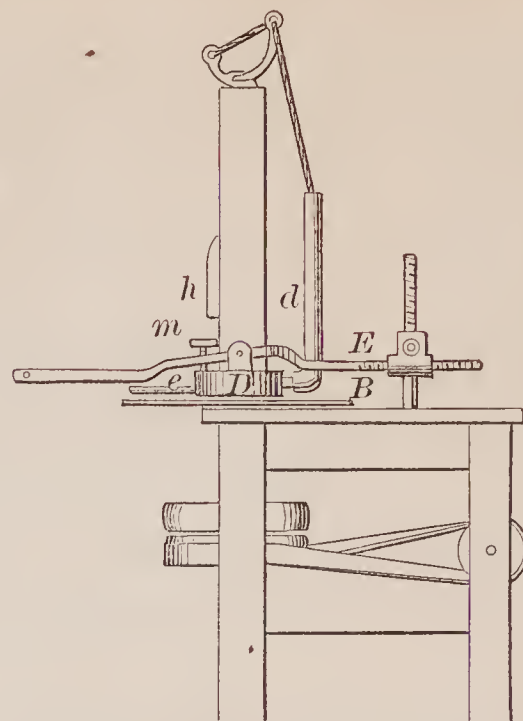
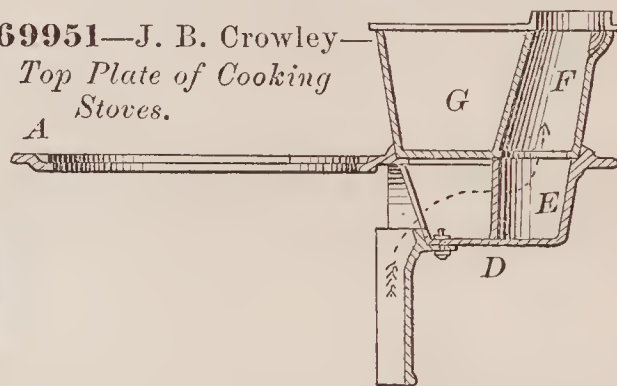
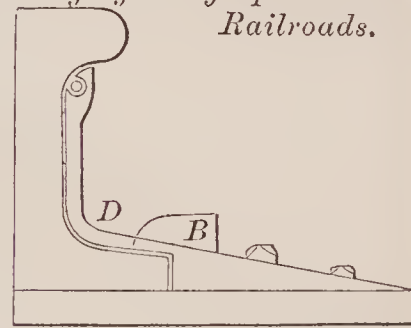
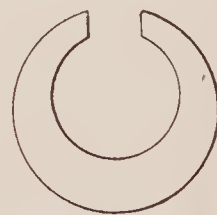
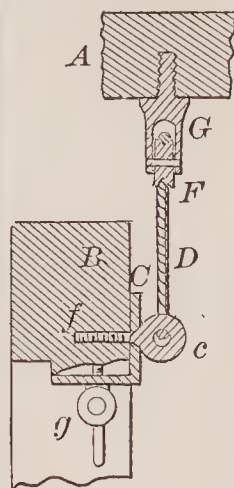
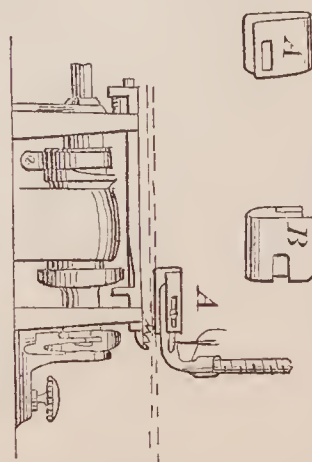


69943—G. Spielman—*Plow.*

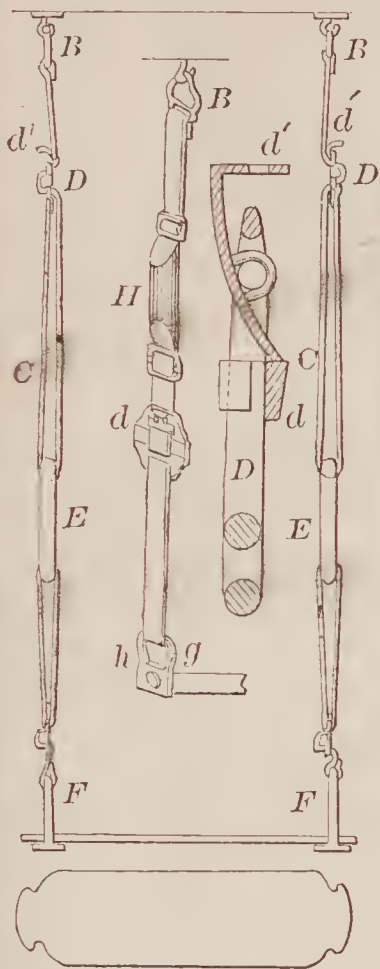


69944—F. Spineux—*Drawing and Twisting Head for Spinning.*

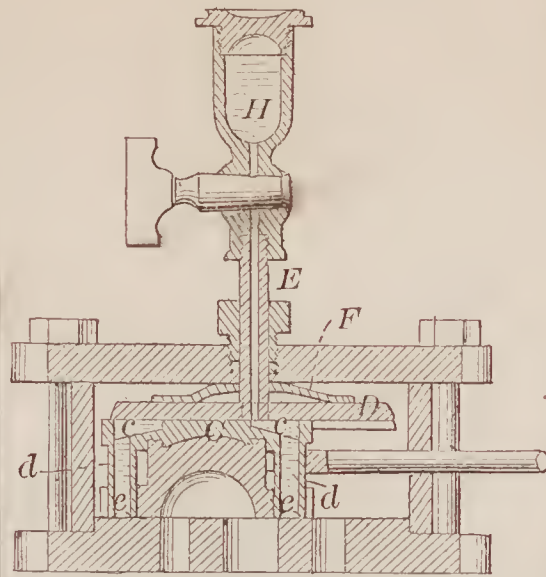


69945—W. H. Staats—*Railway Switch.***69948**—T. G. Taylor—*Rule and Letter Scale.***69949**—J. W. Thorne—*Clamp for Traveling Trunks.***69954**—J. Richards—*Standard Gauge.***69955**—D. E. Somes—*For Cooling, Freezing and Heating.***69950**—J. T. Waring—*For Ironing Hats.***69951**—J. B. Crowley—*Top Plate of Cooking Stoves.***69947**—D. W. Strong—*Laying Telegraph Wires on Railroads.***69953**—J. Richards—*Fixed Caliper Gauge.***69952**—J. L. Ferre—*Window Sash Elevator.***69946**—A. Steward—*Ruffler for Sewing Machines.*

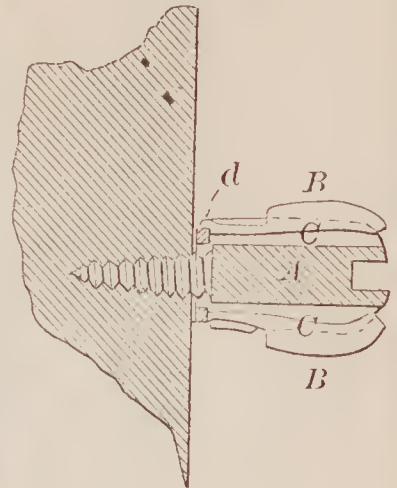
69956—G. W. Bacon—*Gymnastic Apparatus.*



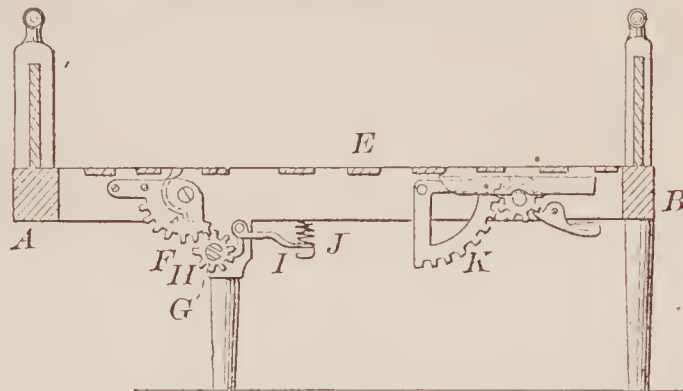
69957—S. H. Badger—*Slide Valve Lubricator.*



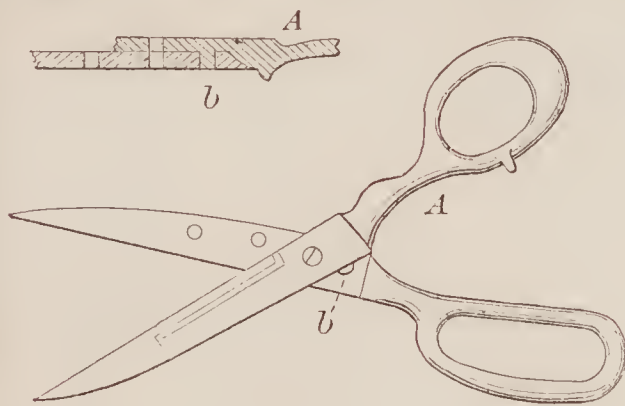
69959—J. Barelay—*Carriage Knob.*



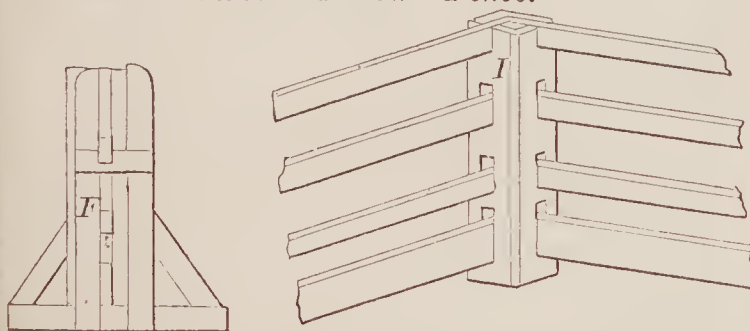
69958—C. S. Baker—*Invalid Bedstead.*



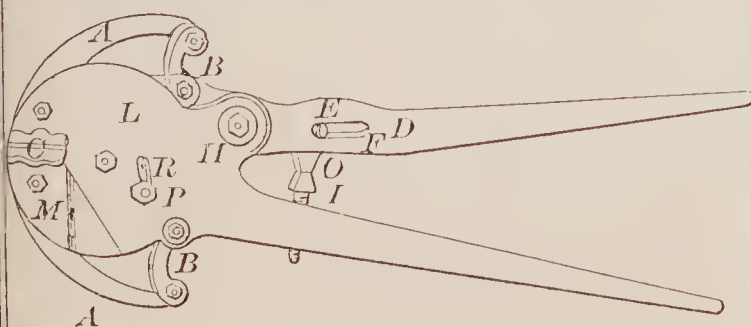
69960—W. B. Barnard—*Scissors and Shears.*



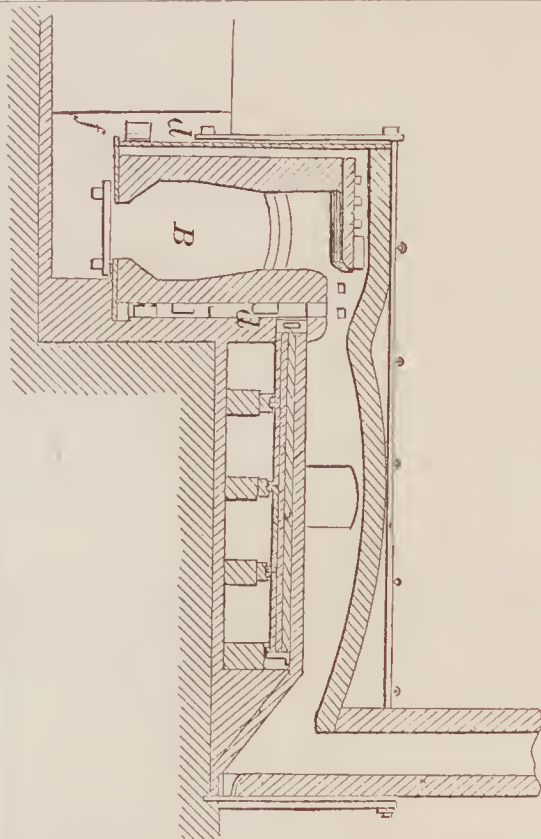
69961—H. Bartholomew—*Fence.*



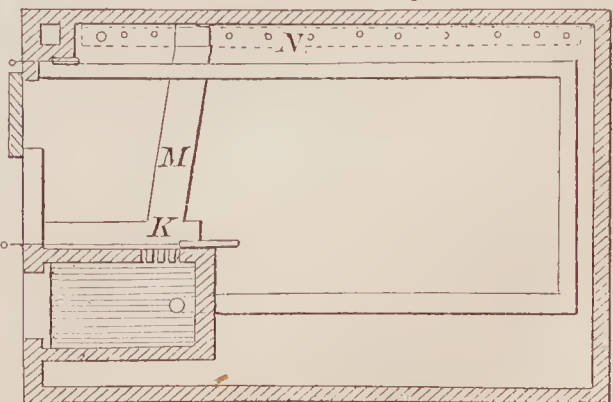
69962—J. Blackinton—*Bolt Trimmer.*



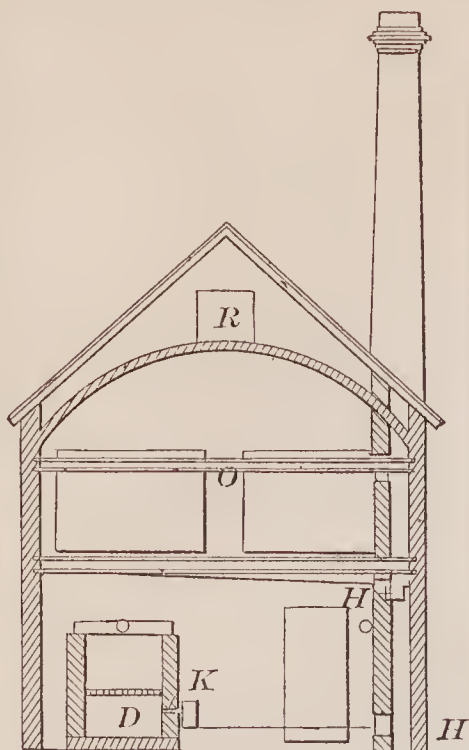
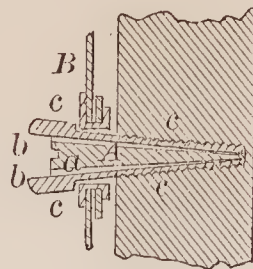
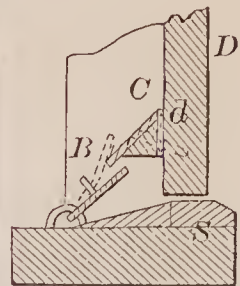
69963—H. Boetius—*Metallurgic Furnace.*



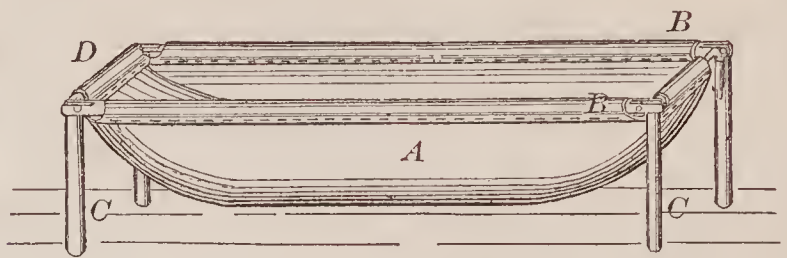
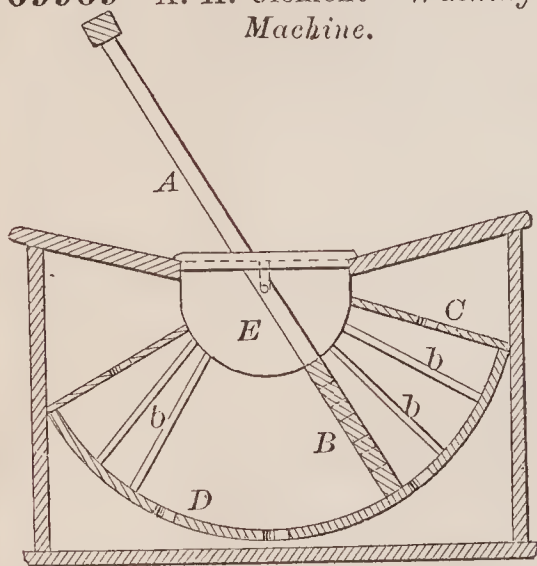
69964—H. G. Bulkley—*For Drying and Desiccating.*



69964—Continued.

69965—Case & Barclay—
Carriage Knob.69966—J. Chadwick—
Weather Strip for Doors.

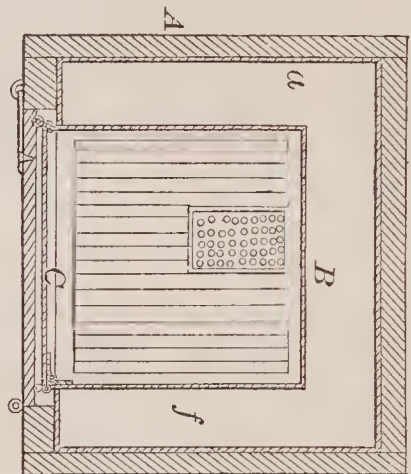
69968—J. C. Clapp—Bath Tub.

69969—A. H. Clement—Washing
Machine.

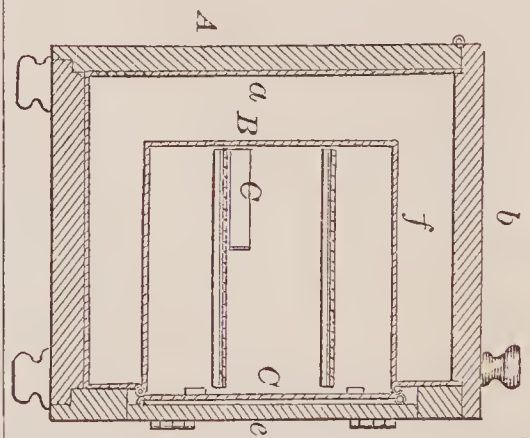
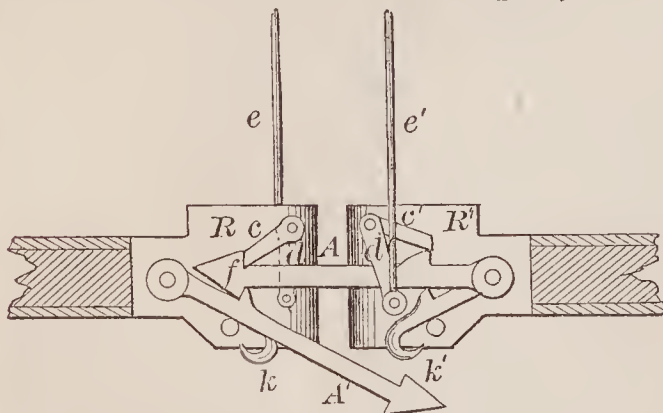
69967—J. Chase—Clouded Yarn.



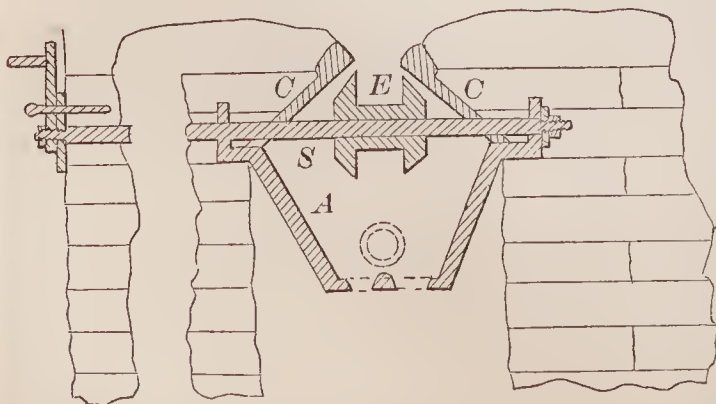
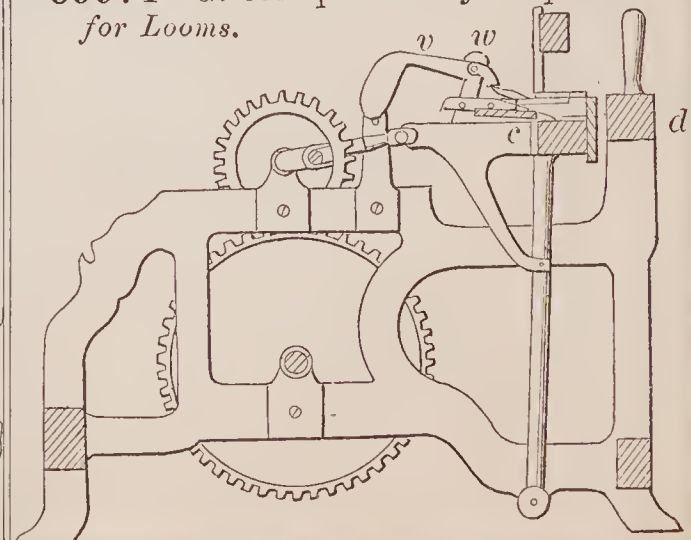
69971—E. S. Colton—Ice Cream Refrigerator.



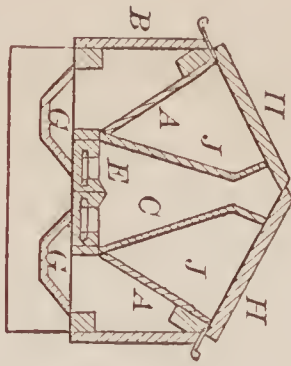
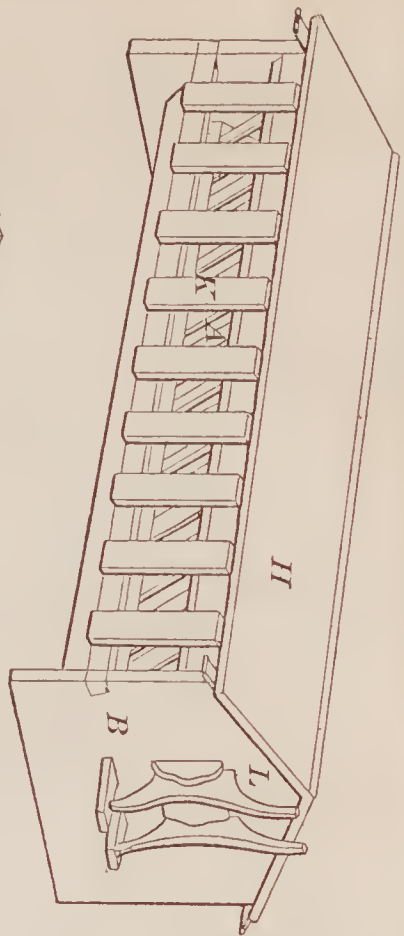
69972—T. F. Conner—Car Coupling.



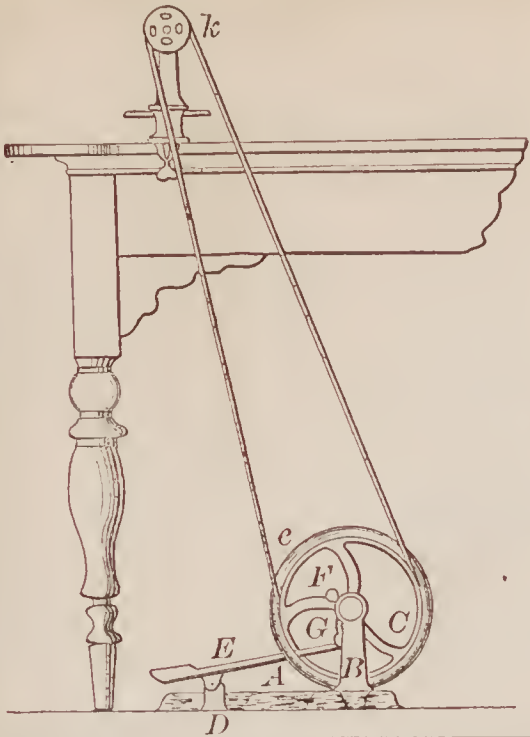
69973—J. W. Crannell—Tuyere.

69974—G. Crompton—Weft Stop Motion
for Looms.

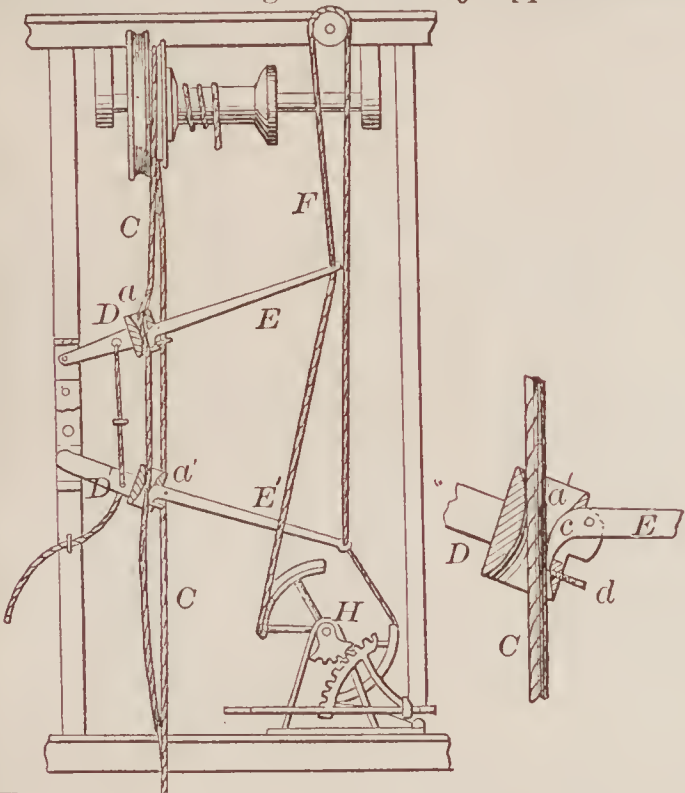
69976—G. Febles—*Sheep Rack and Trough.*



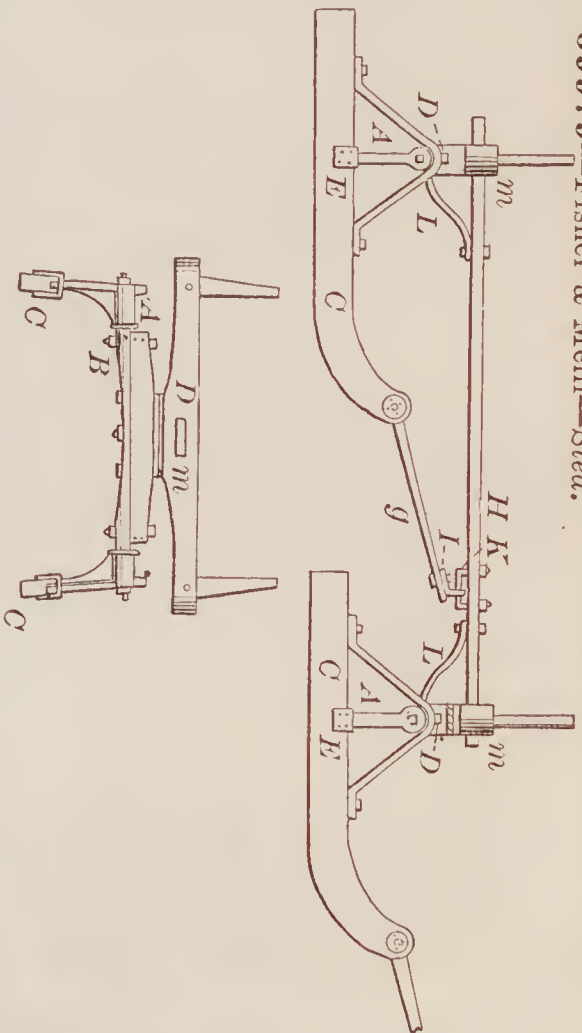
69975—W. J. Demorest—*Movable Treadle.*



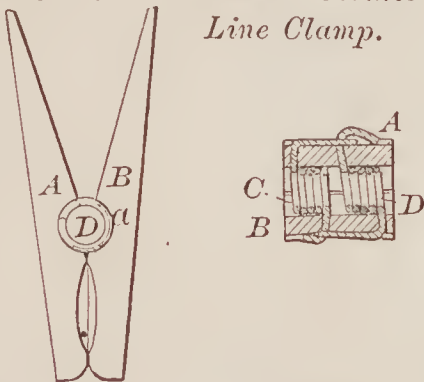
69978—R. Finnegan—*Hoisting Apparatus.*



69979—Fisher & Meili—*Sted.*



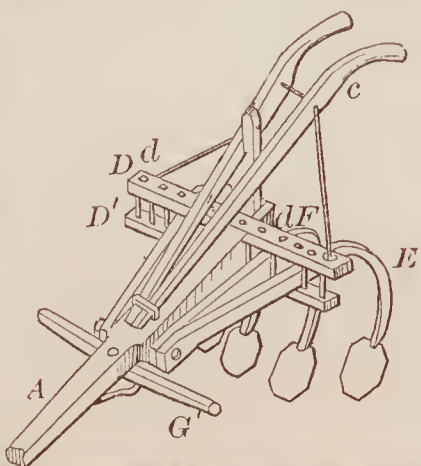
69977—C. C. Fellows—*Clothes Line Clamp.*



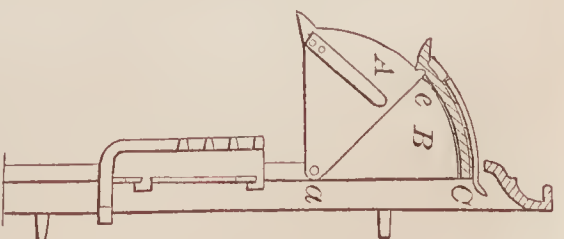
69980—T. Flagler—*Fruit Gatherer.*

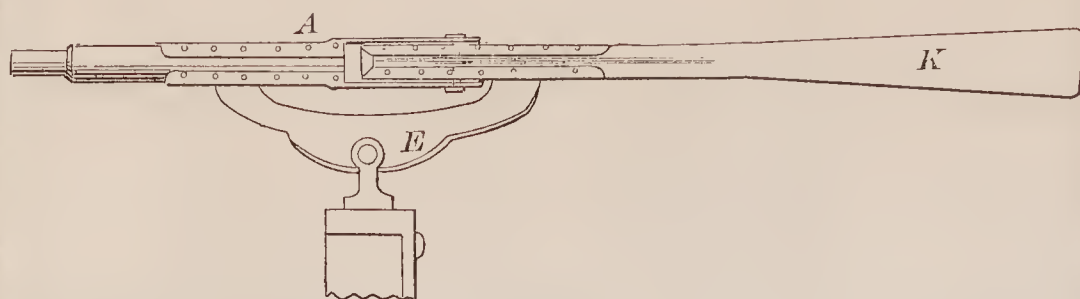
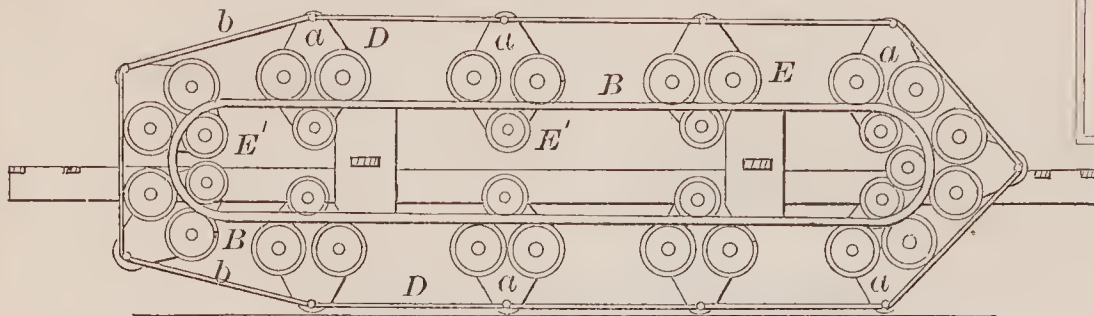
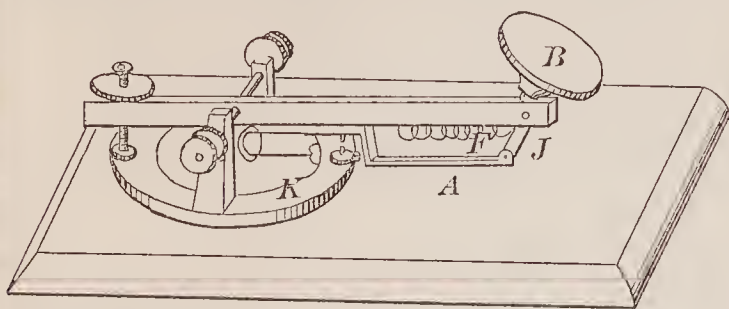
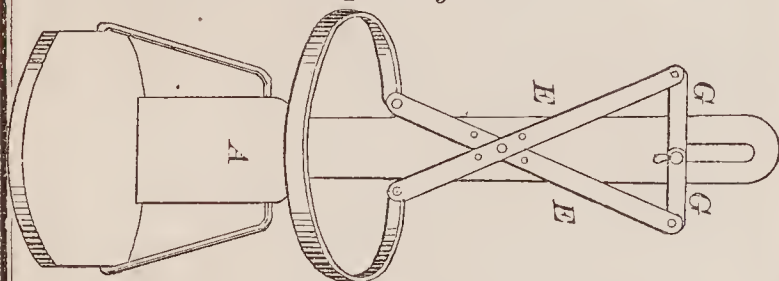
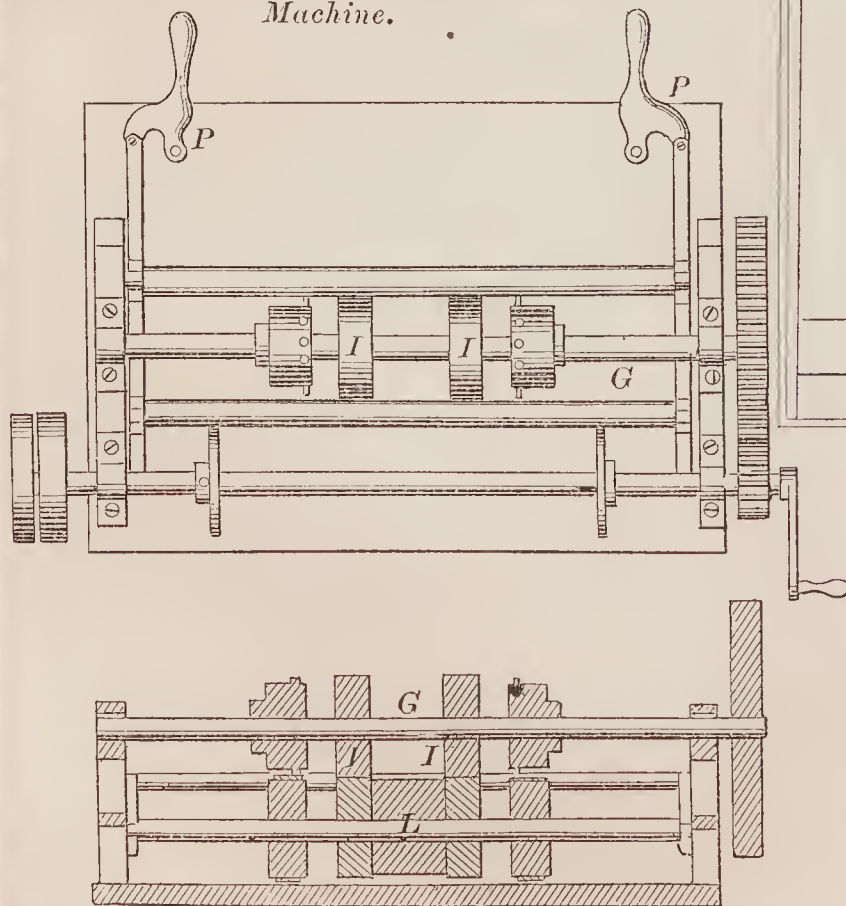
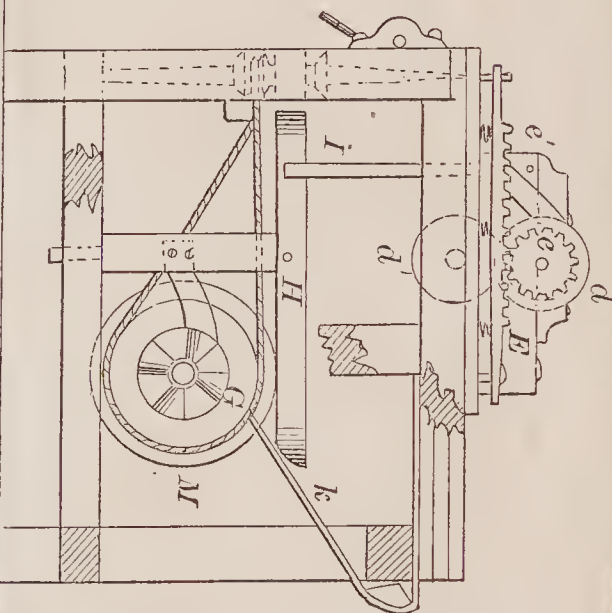
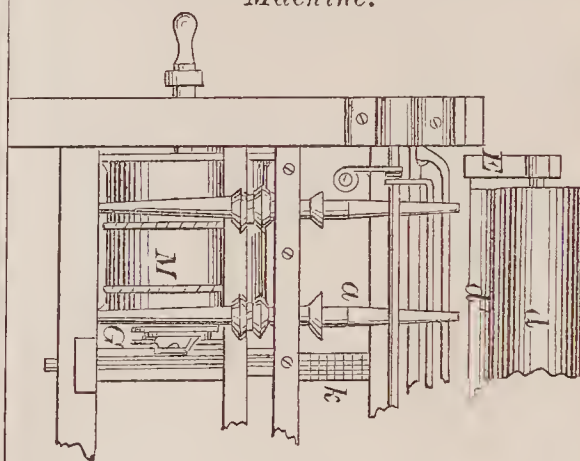
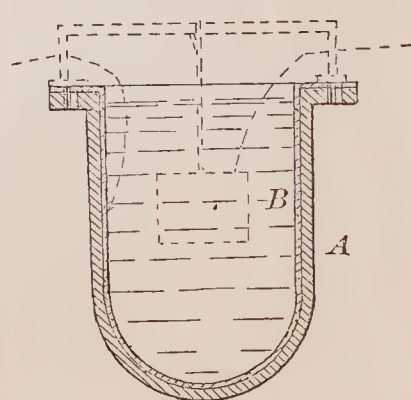
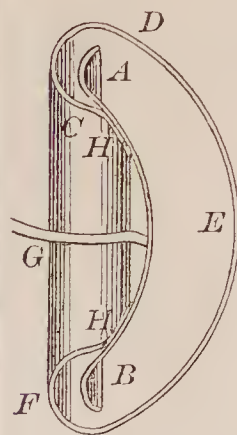


69981—C. Flory—*Corn Cultivator.*

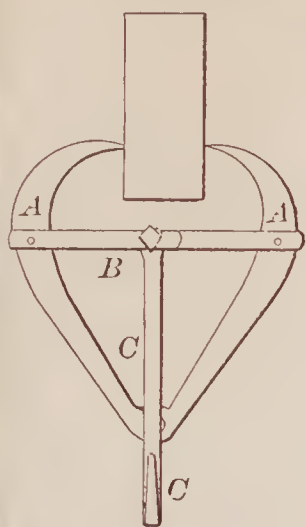


69982—W. T. Foster—*Hood for Coal Grates and Fireplaces.*

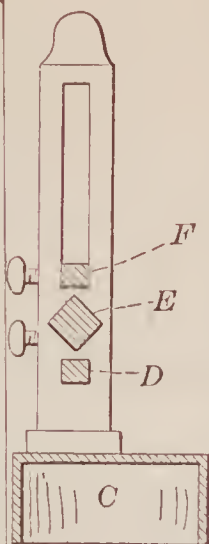


69983—S. W. Francis—*Oar.*69987—J. K. Glenn—*Motive Power.*69984—W. M. Franz—*Operating Telegraph Key.*69989—T. Harding—*Bag Holder.*69991—J. H. Haskell—*Leather Punching Machine.*69990—J. M. Hart—*Hand Spinning Machine.*69986—W. Gee—*Lining Soda Fountains.*69988—E. W. Glover—*Bosom Pad.*

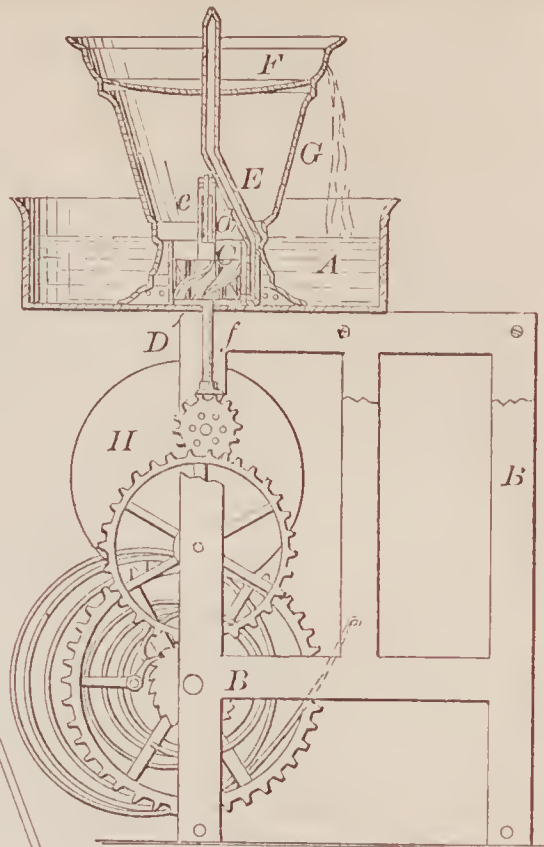
69992—W. H. Hawley—*Grappling Iron.*



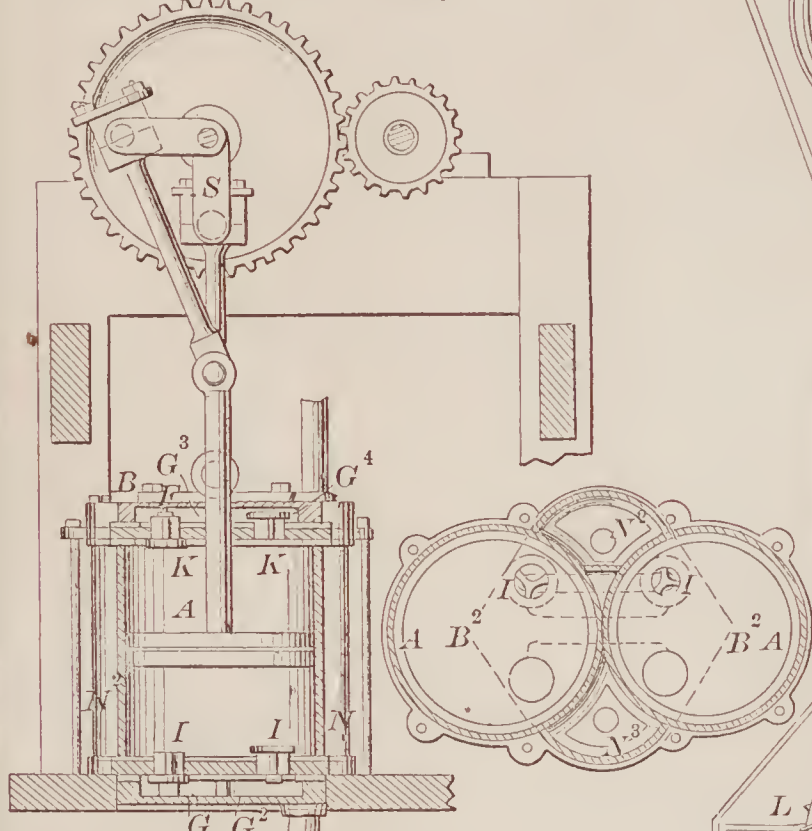
69993—T. Haynes—*Knife Sharpener.*



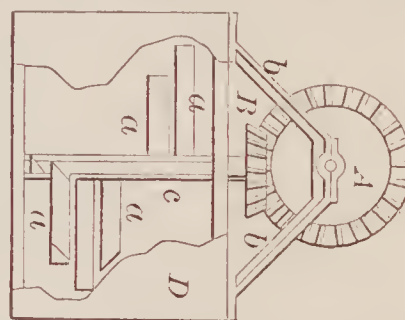
69994—J. Hegarty—*Portable Fountain.*



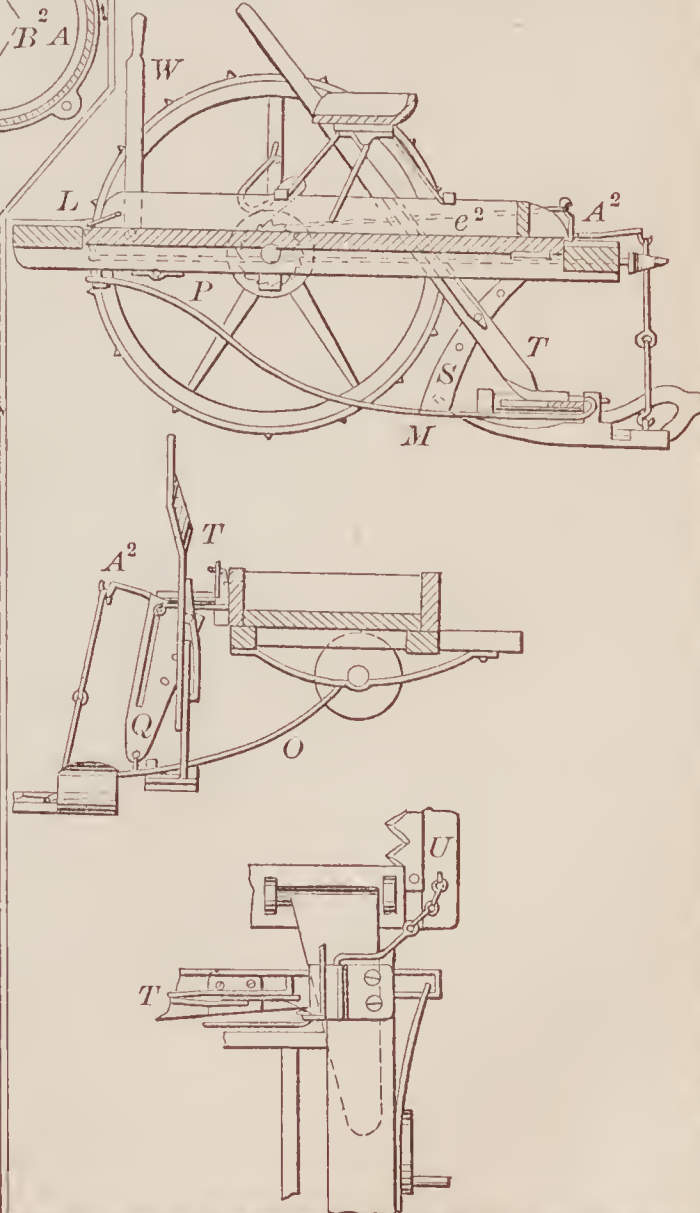
70000—A. Jusberg—*Pump.*



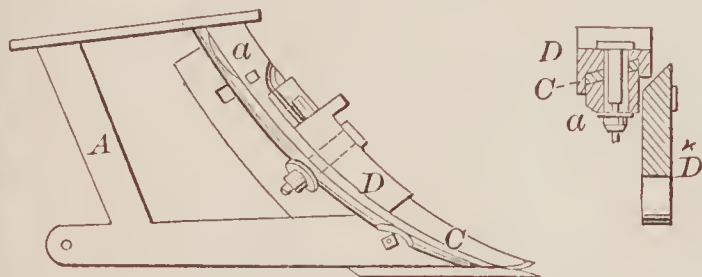
69998—D. Hyde—*Churn.*



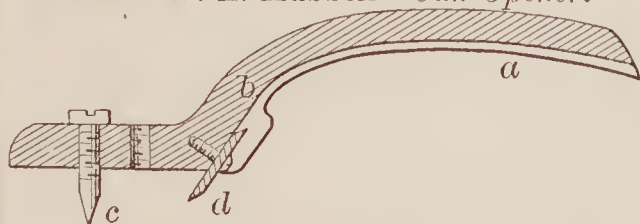
70001—M. A. Keller—*Harvester.*



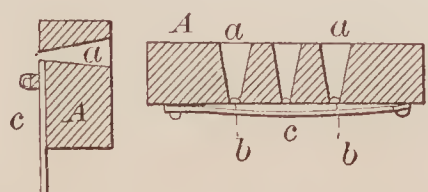
69999—J. E. Jenkins—*Plow.*



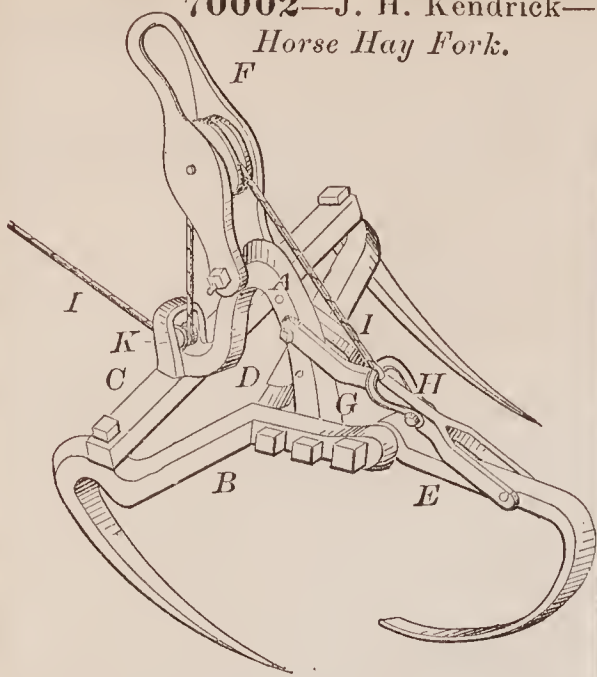
69996—W. L. Hubbell—*Can Opener.*



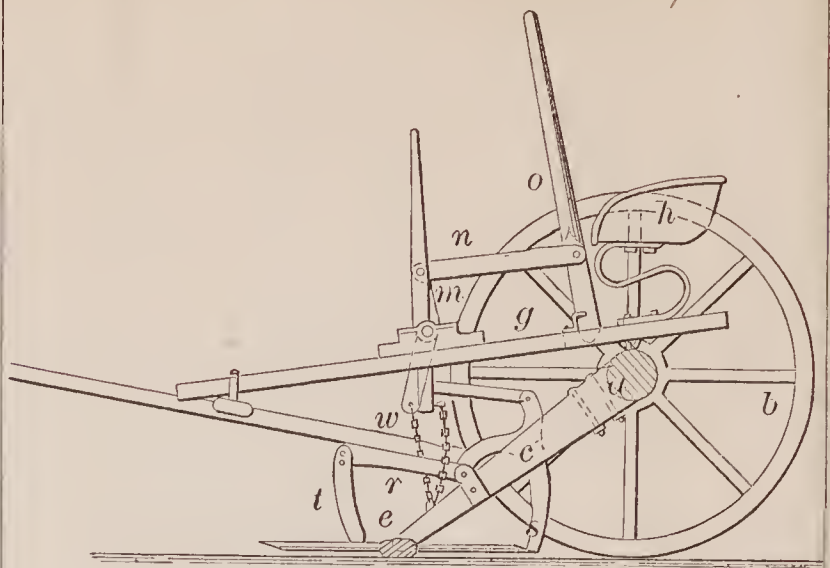
69997—A. Huston—*Needle Threader.*



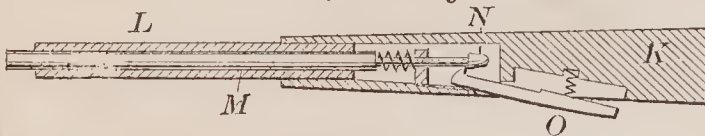
70002—J. H. Kendrick—*Horse Hay Fork.*



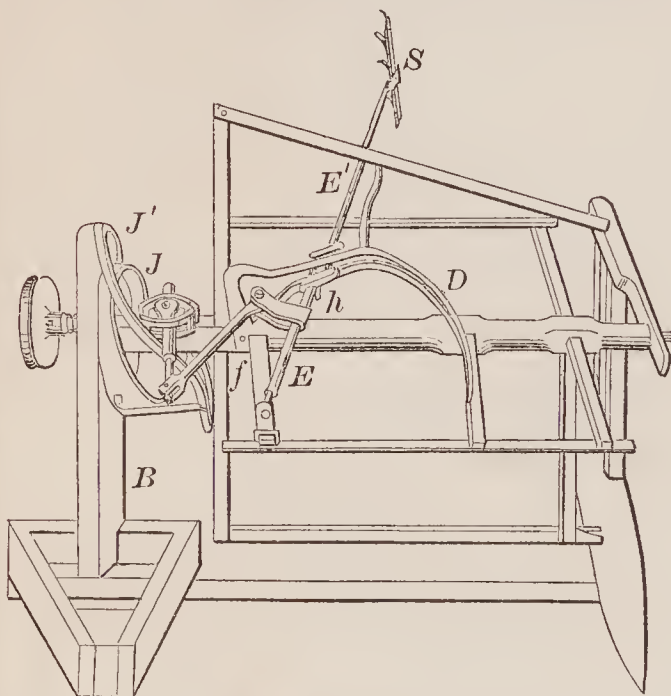
70004—G. W. King—*Horse Rake.*



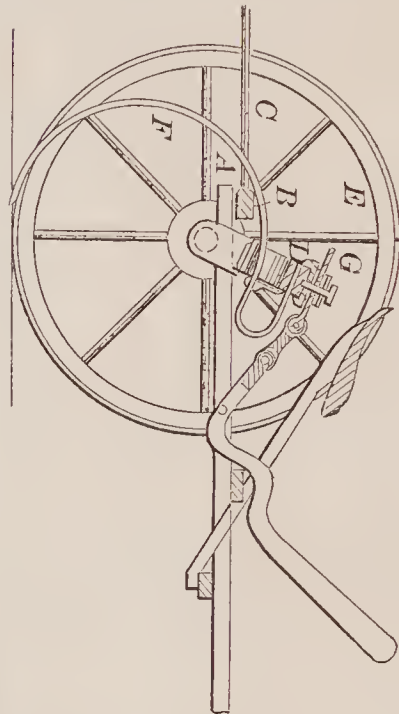
70003—E. W. Keyes—*Toy Cue.*



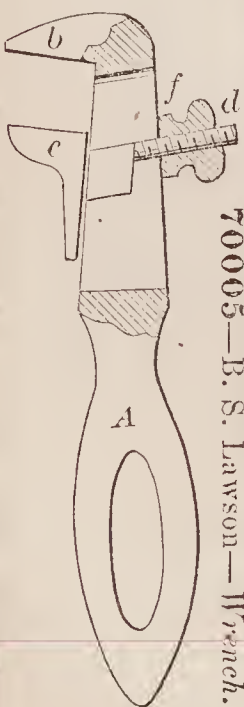
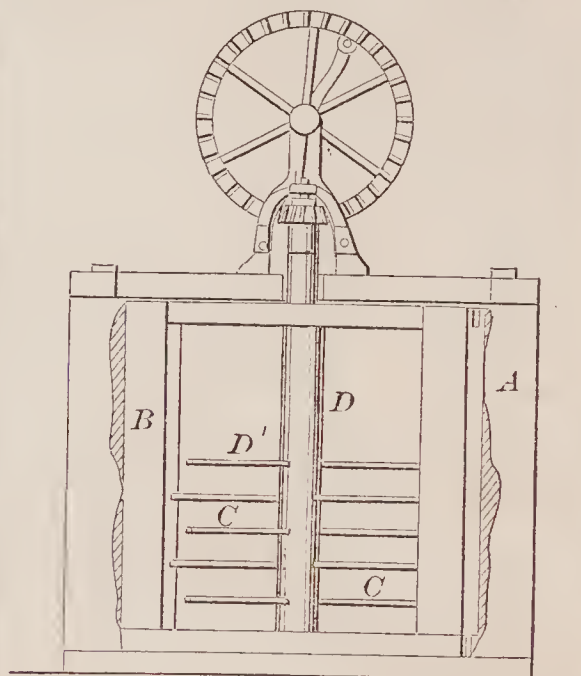
70007—E. J. Leyburn—*Harvester Rake.*



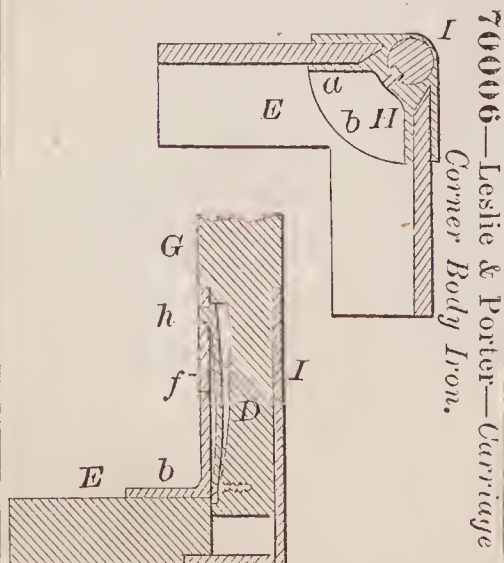
70008—J. M. Long—*Horse Rake.*



70009—H. H. Macklin—*Churn.*

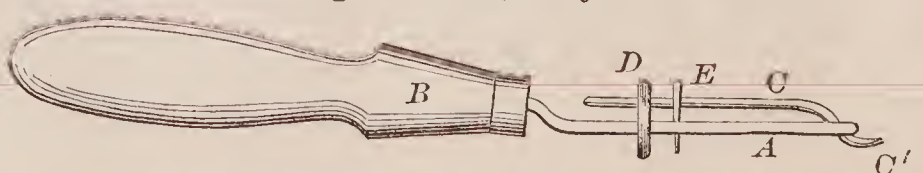


70005—B. S. Lawson—*Wrench.*

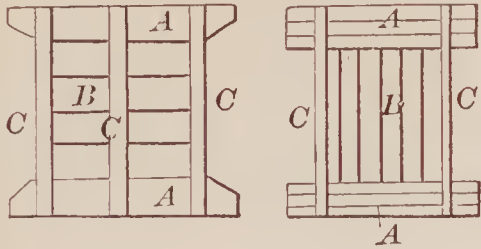


70006—Leslie & Porter—*Carriage Corner Body Iron.*

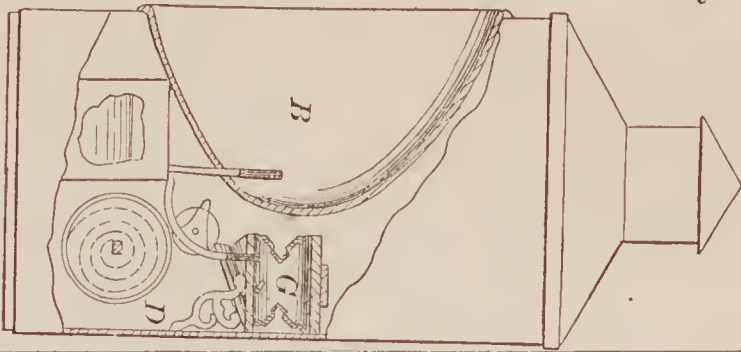
70010—C. Messenger—*For Opening Sheet Metal Cans.*



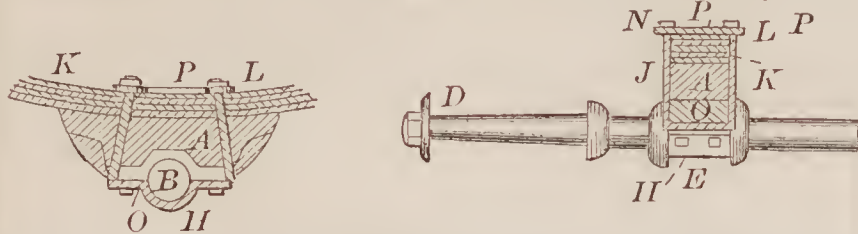
70011—W. W. Miller—*Fagots for Beams.*



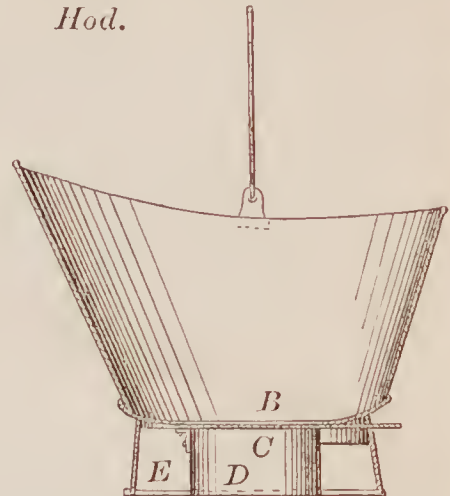
70014—F. S. Pease—*Carburettor for Locomotive Head Lights.*



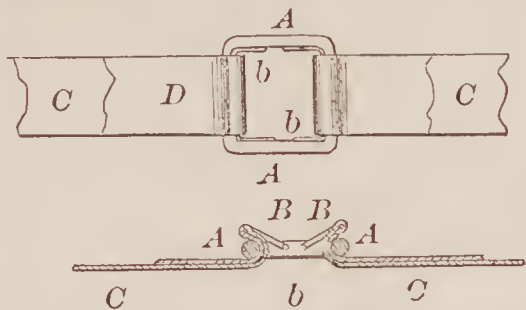
70013—L. F. Palmer—*Wagon Axle and Gearing.*



70015—J. Pfitzinger—*Coal Hod.*



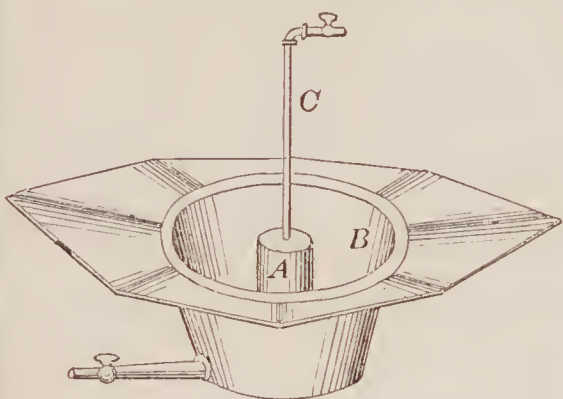
70019—L. Rhoades—*Buckle.*



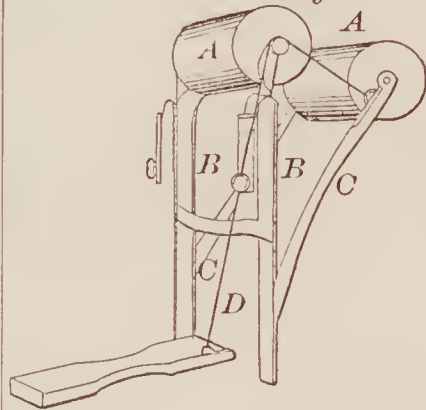
70016—H. M. Quackenbush—*Extension Ladder.*



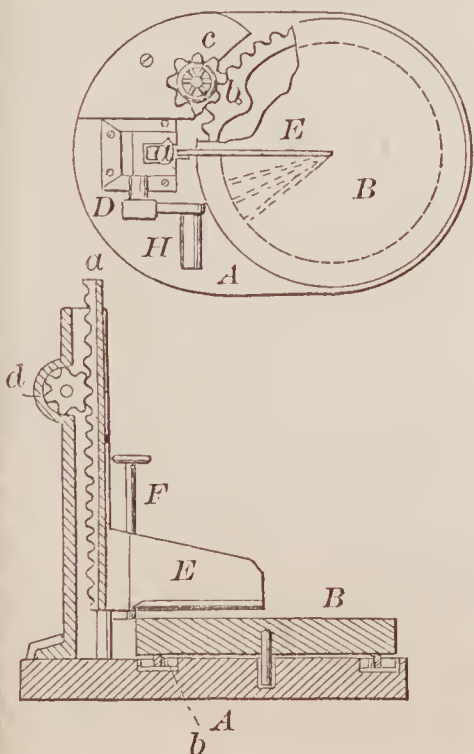
70021—J. S. Rice—*Steam Radiator for Hatters' Kettles.*



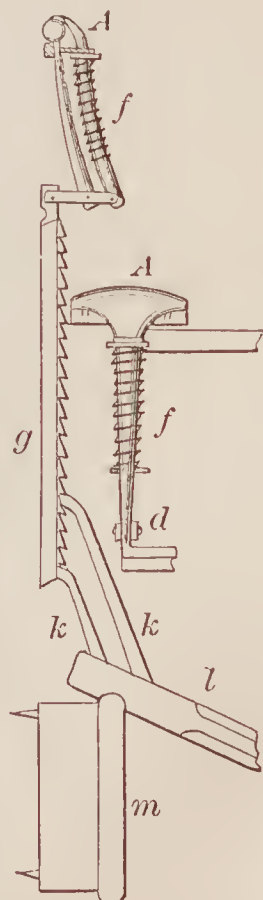
70017—R. T. Reed—*Mop Wringer.*



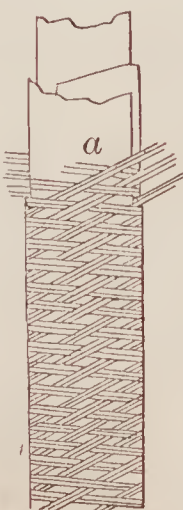
70020—Rhoads & Gerhard—*For Cutting Cheese.*



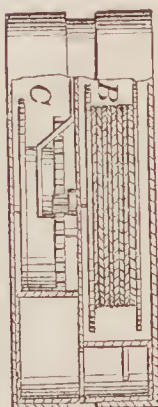
70023—W. A. Robinson—*Carpet Stretcher.*



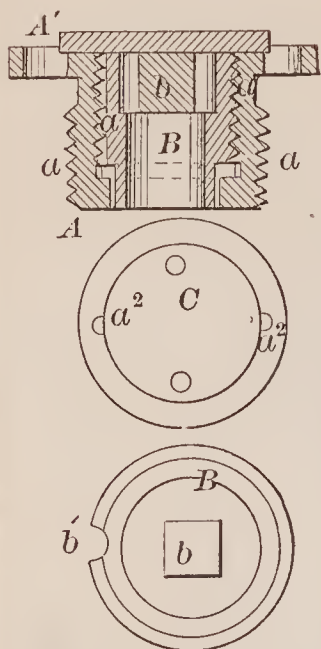
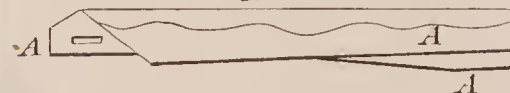
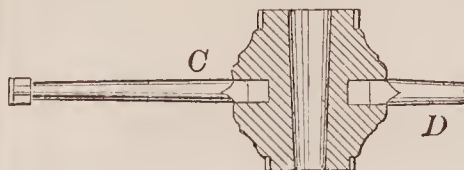
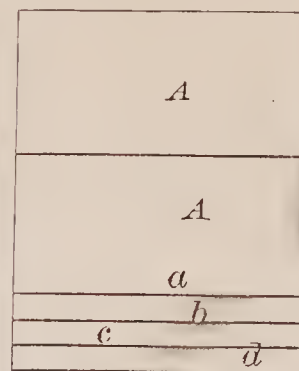
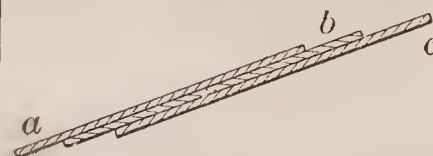
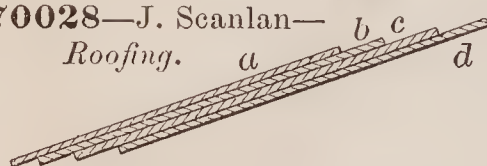
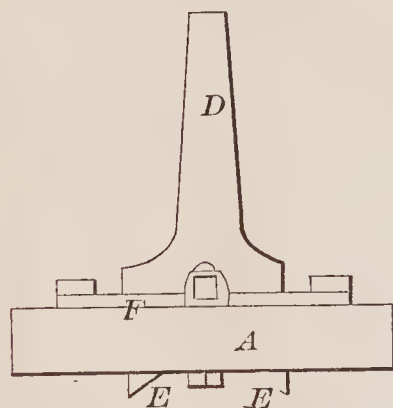
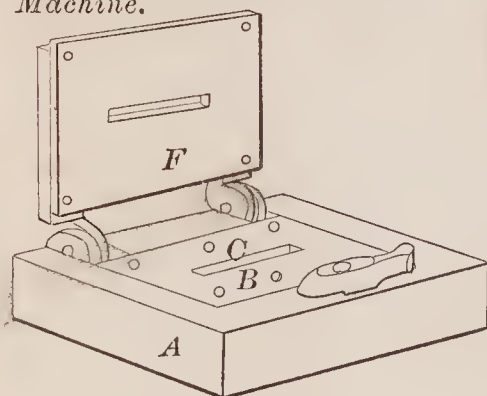
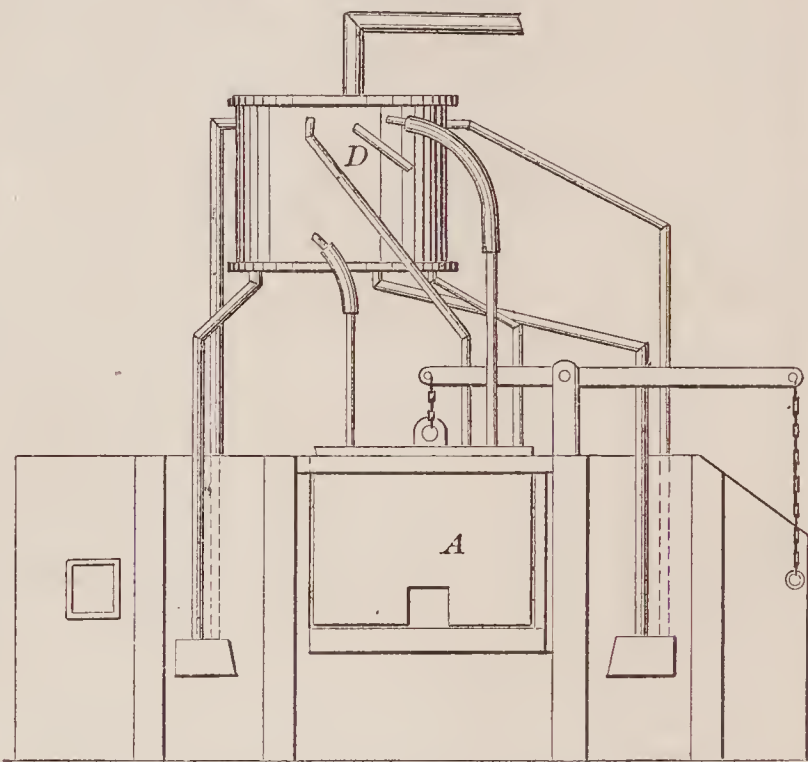
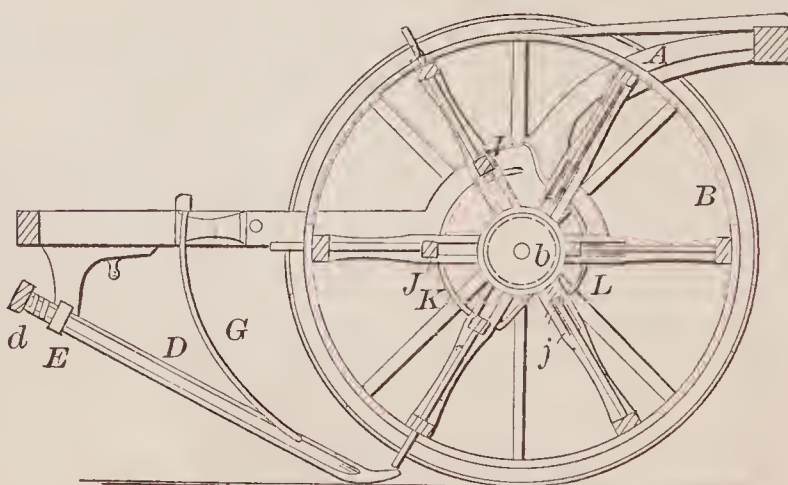
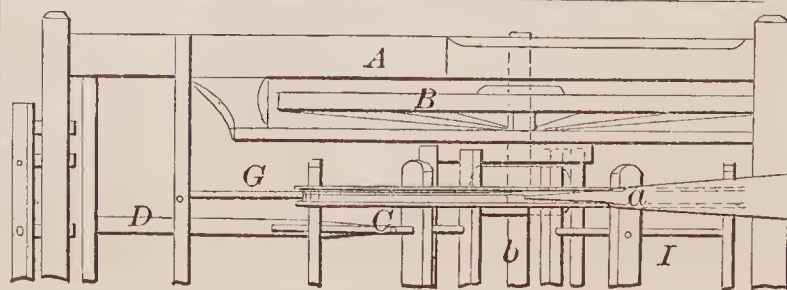
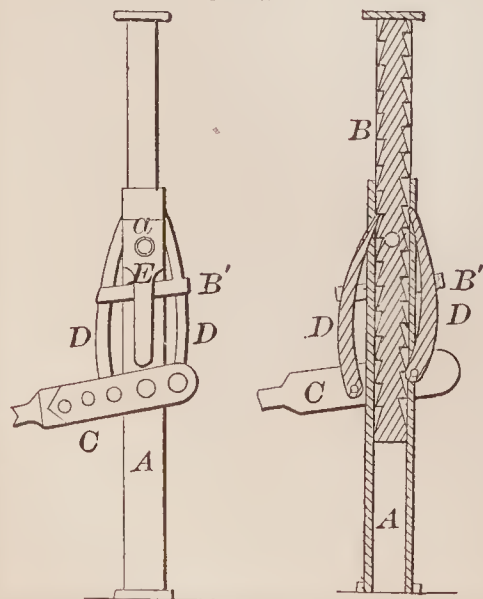
70018—G. W. Reynolds—*Skirt Wire.*



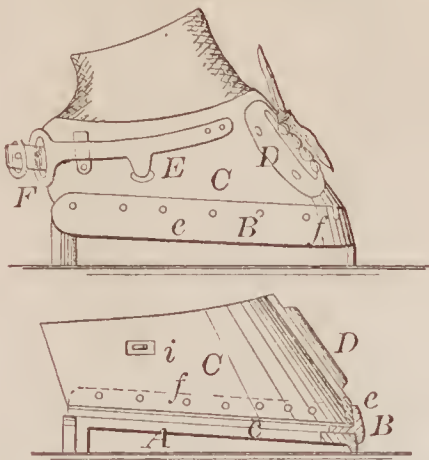
70022—C. Richel—*Garden Line, &c.*



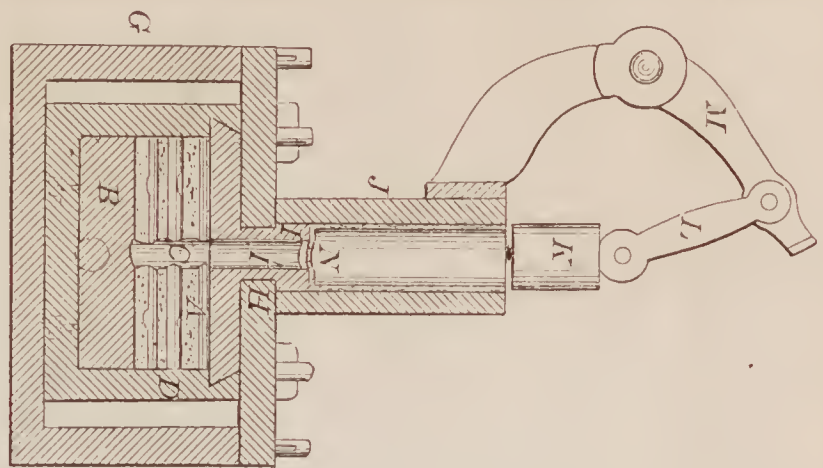
70024—J. Ruegg—Bung and Bush.

70025—C. W. Saladee—*Protector for the Edges of Collars.*70026—F. W. Sawyer—*Loom Shuttle.*70027—W. T. Sawyer—*Vehicle Wheel.*70029—J. Scanlan—*Roofing Fabric.*70030—J. Scanlan—*Felt Roofing.*70028—J. Scanlan—*Roofing.*70033—E. Shopbell—*Slotting Machine.*70031—E. G. Scovil—*Protecting the Heated Parts of Furnaces.*70032—B. Shirley—*Hay Raker and Loader.*70034—E. Shopbell—*Lifting Jack.*

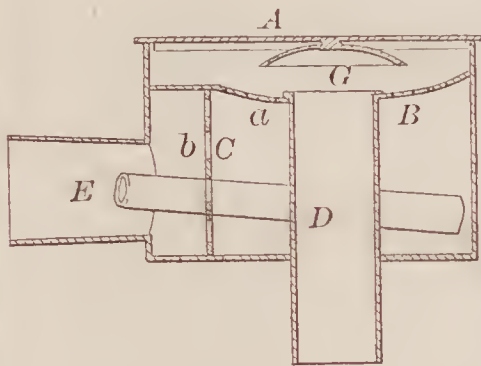
70035—S. Sloat—*Horse Shoe.*



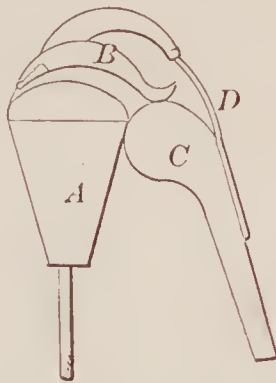
70038—M. Smith—*For Casting Refractory Metals.*



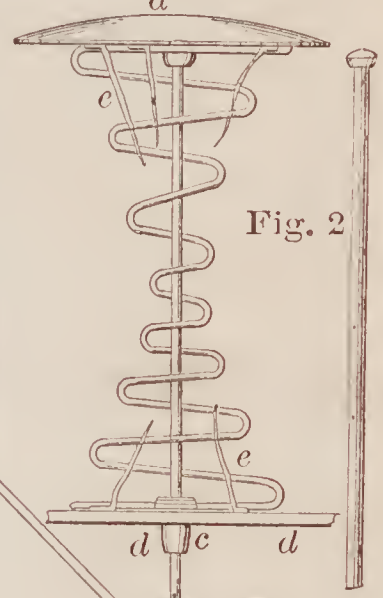
70037—A. F. Smith—*Ventilator.*



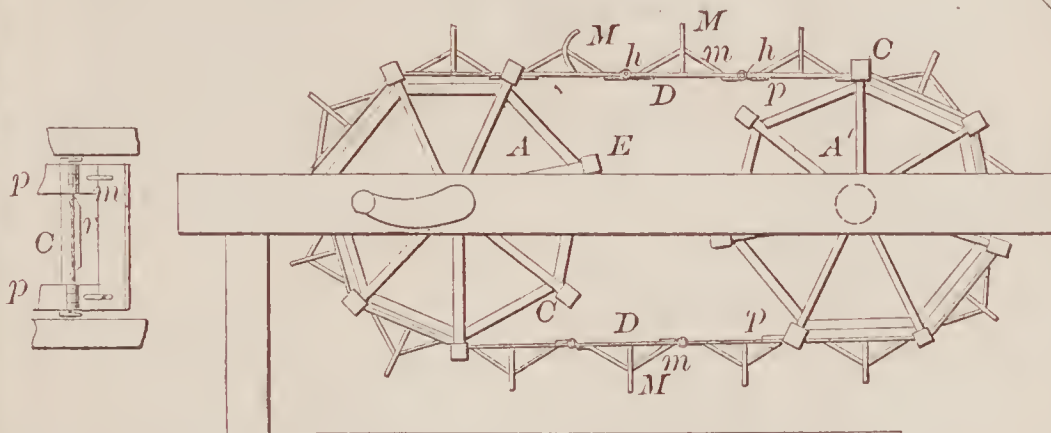
70040—Steele & Henderson—*Shank Laster.*



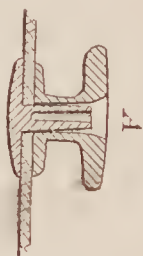
70041—A. C. Stich—*Bed Spring Guide.*



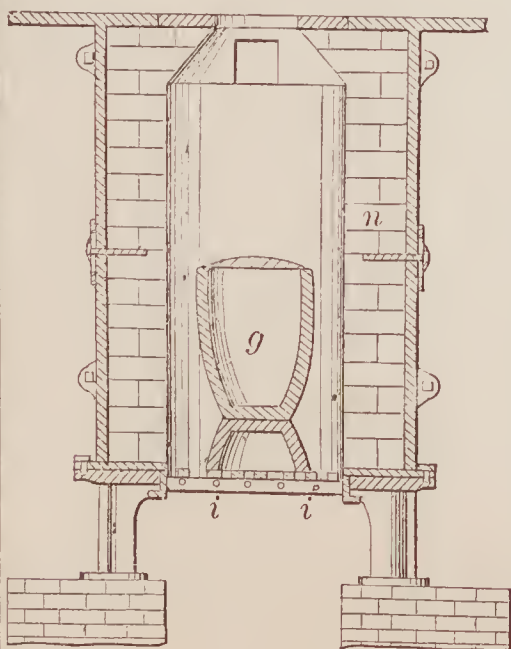
70036—A. B. Smith—*Endless Chain Propeller.*



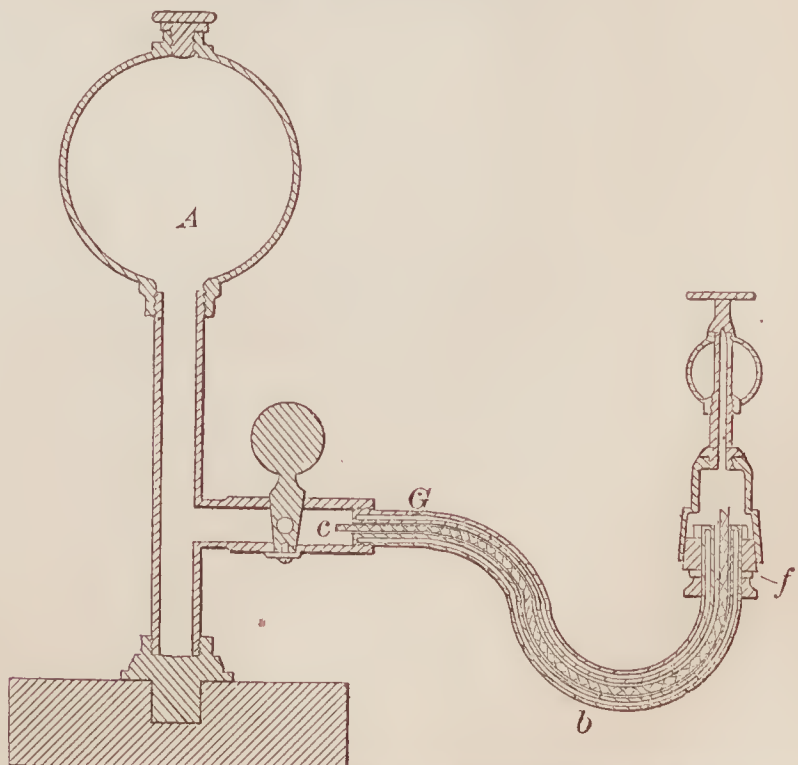
70039—D. M. Somers—*Button.*



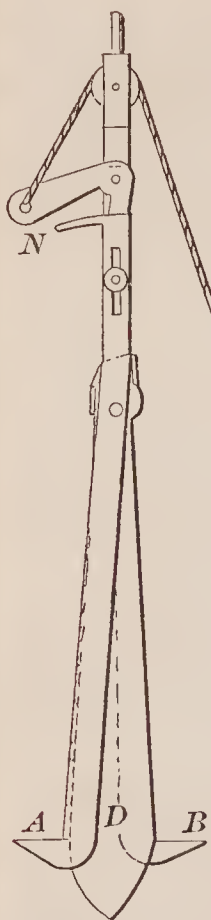
70042—W. Swindell—*Furnace for the Manufacture of Steel.*



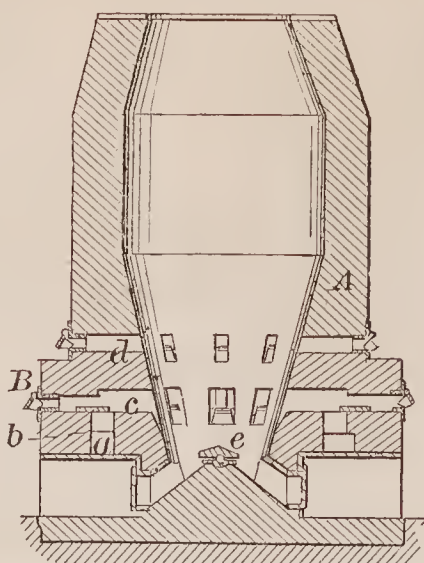
70043—D. Symonds—*Vapor Burner.*



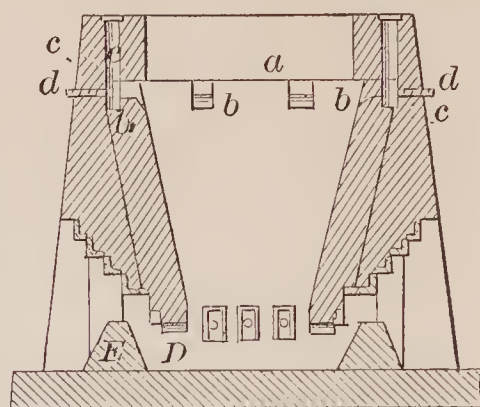
70044—L. H. Tears—Horse Hay Fork.



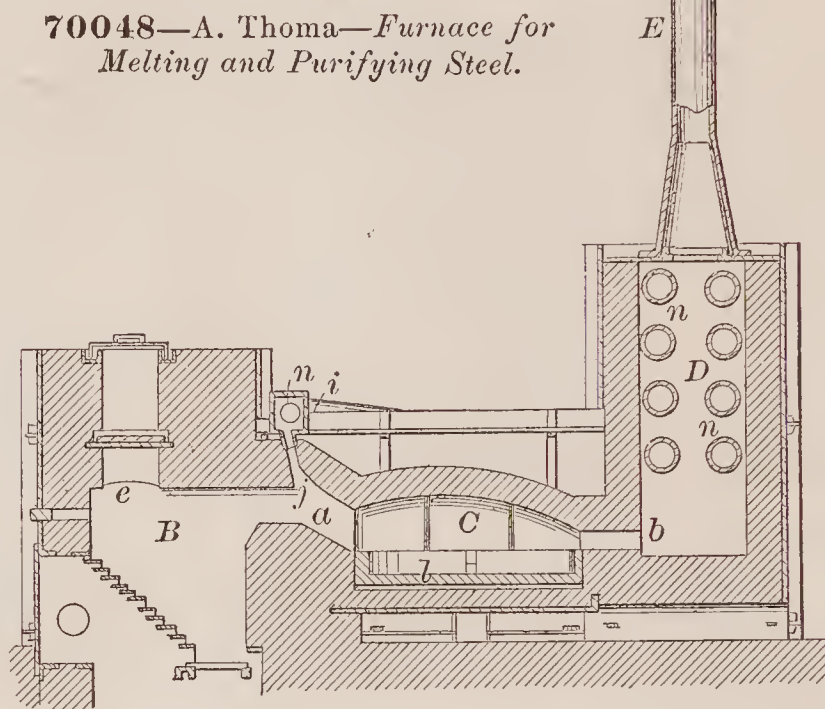
70045—A. Thoma—Kiln for Roasting Iron Ore.



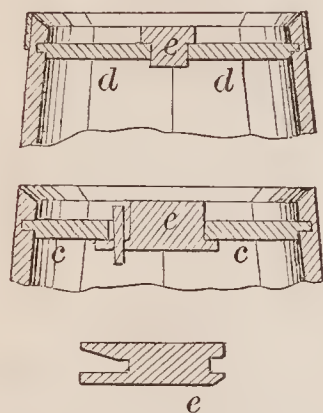
70046—A. Thoma—Furnace for Smelting Iron Ore.



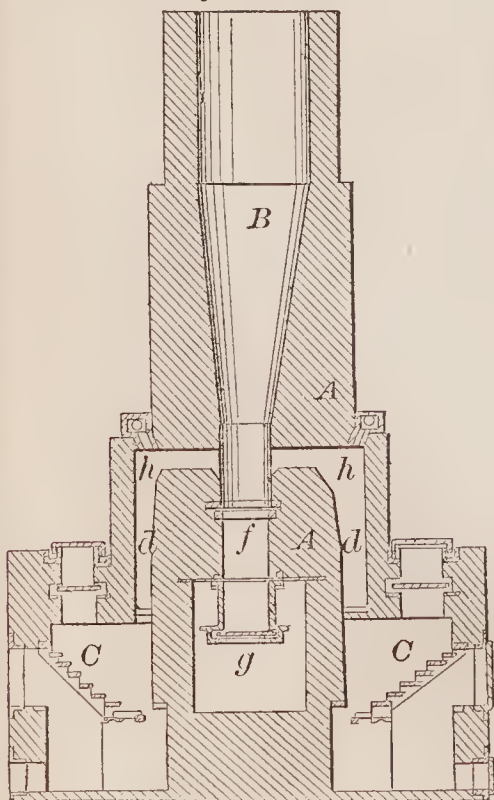
70048—A. Thoma—Furnace for Melting and Purifying Steel.



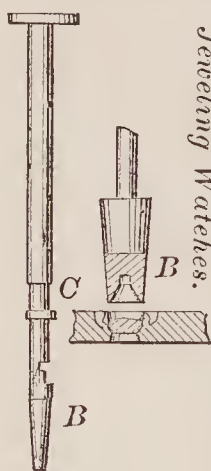
70050—M. L. Thompson—Barrel Head.



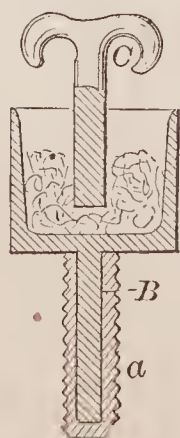
70047—A. Thoma—For Reducing Iron Ore.



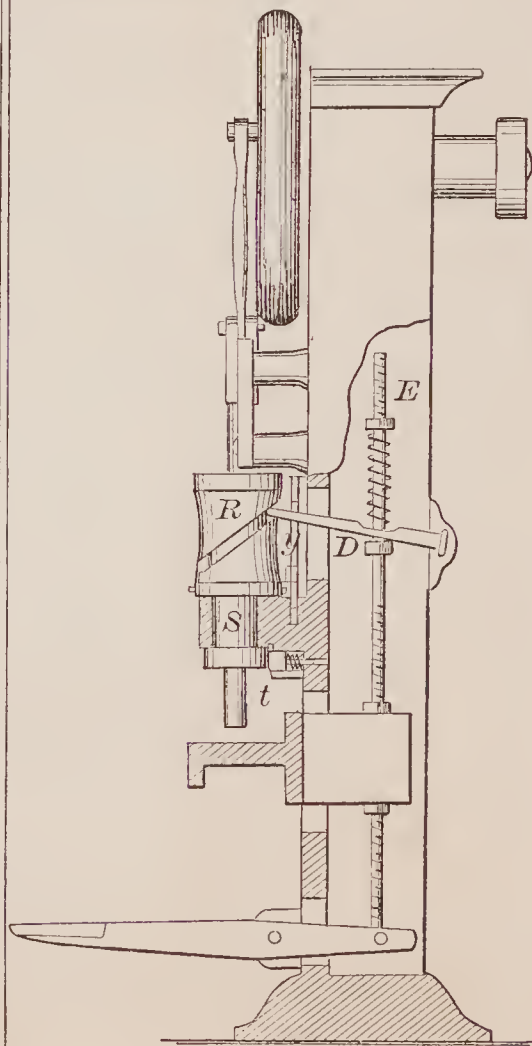
70049—A. Thoma, Sr.—Tool for Jeweling Watches.



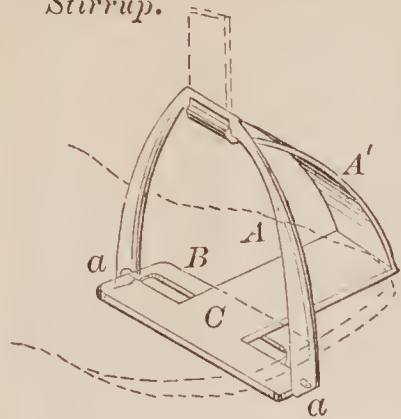
70052—J. L. Waite—Telegraph Insulator.



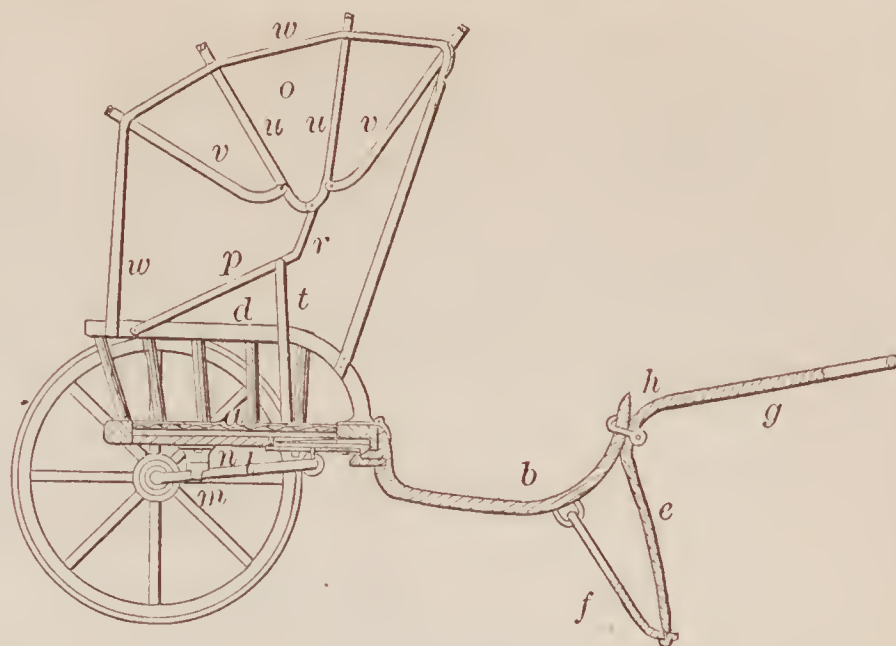
70051—C. R. Tompkins—Mortising Machine.



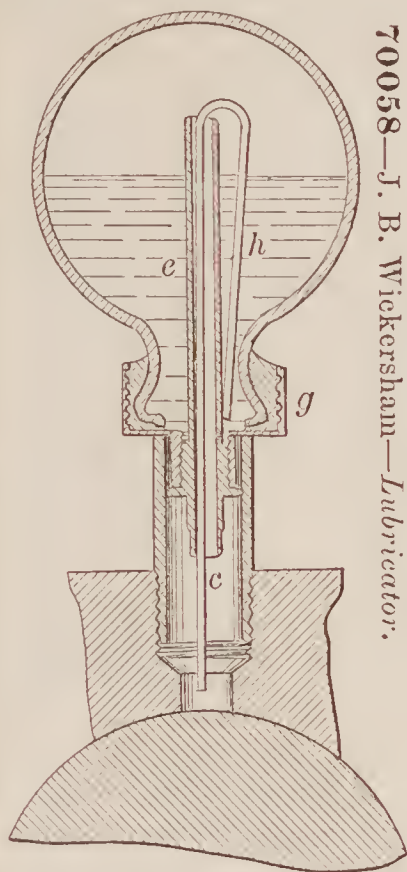
70053—W. Weddington—*Stirrup.*



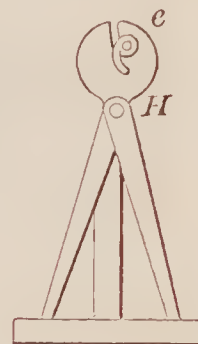
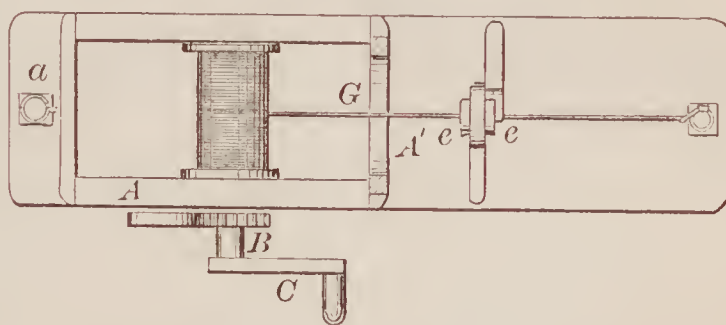
70056—S. Wheelock—*Portable Vehicle.*



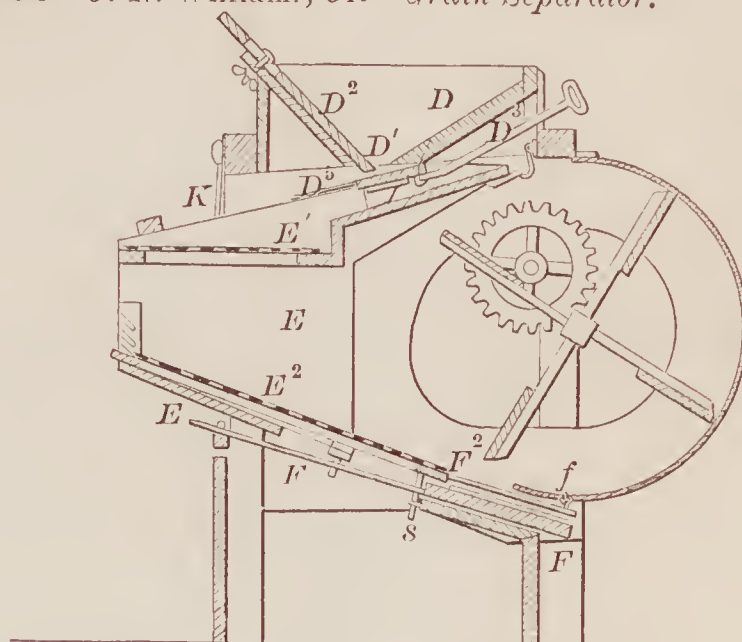
70058—J. B. Wickersham—*Lubricator.*



70057—R. White—*Cord Stretcher.*



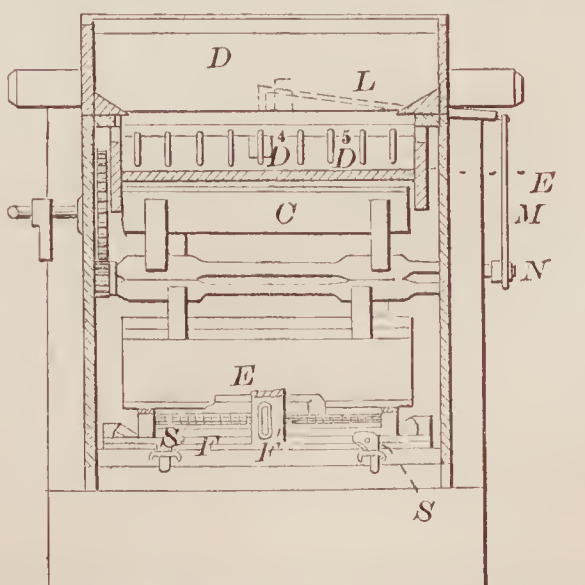
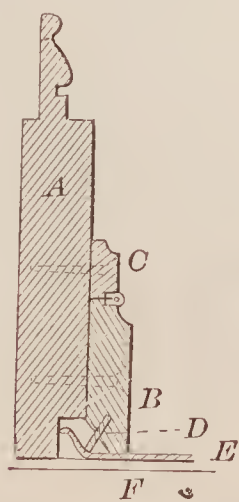
70060—J. N. Williams, Jr.—*Grain Separator.*

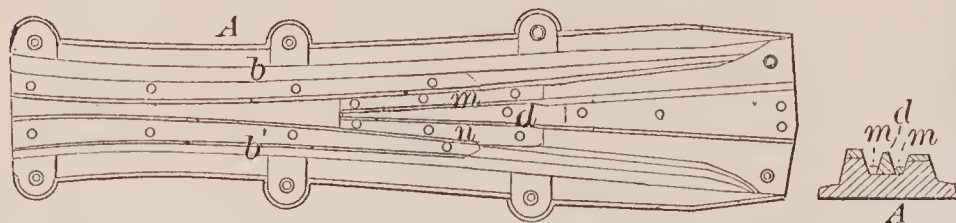
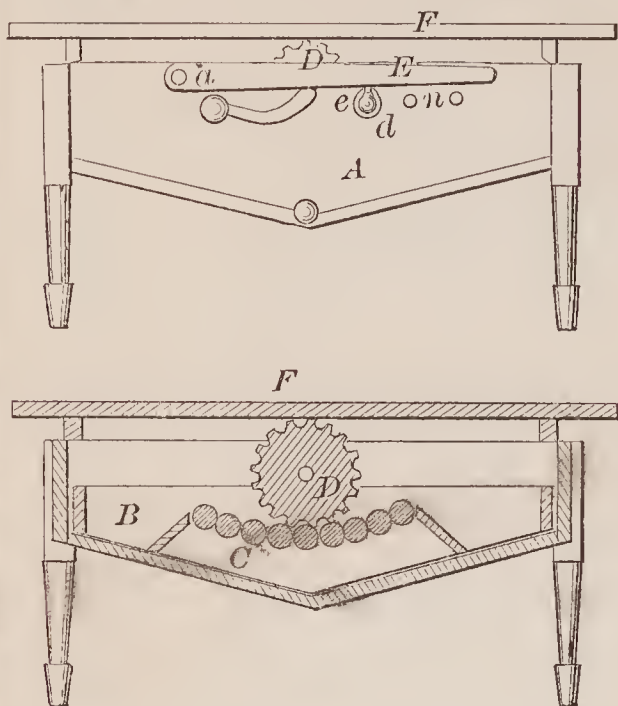
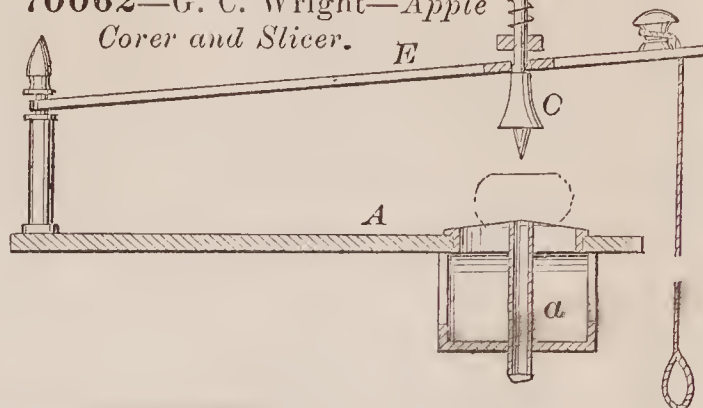
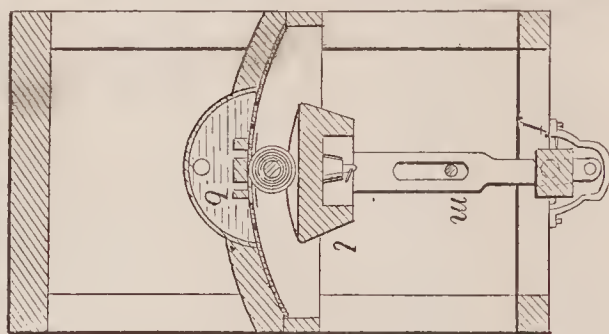
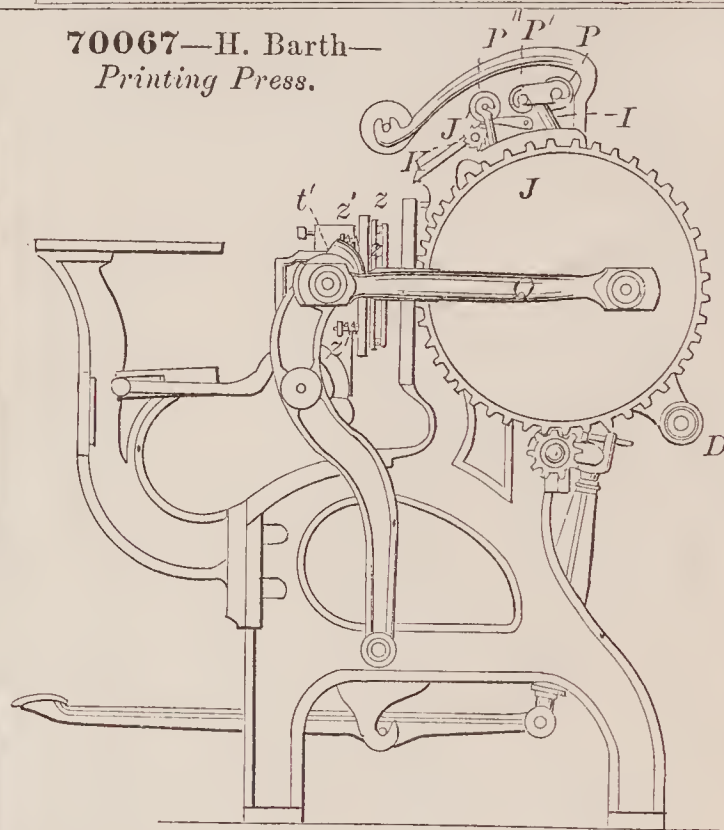
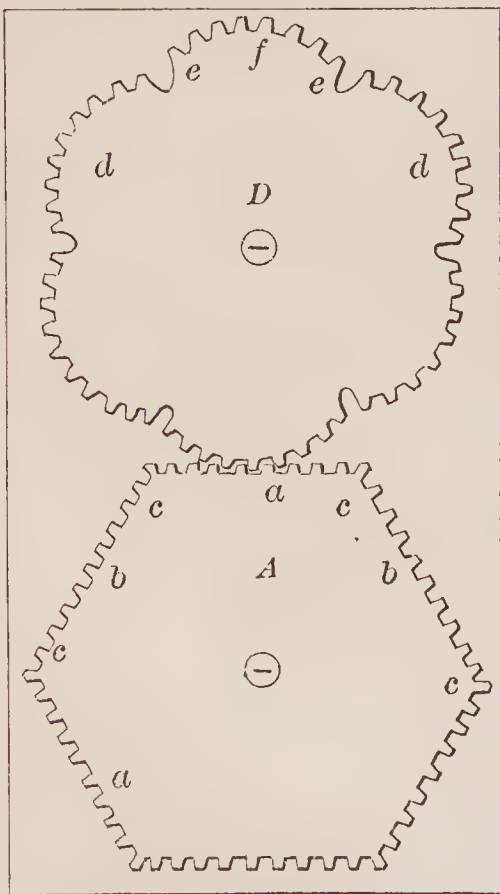
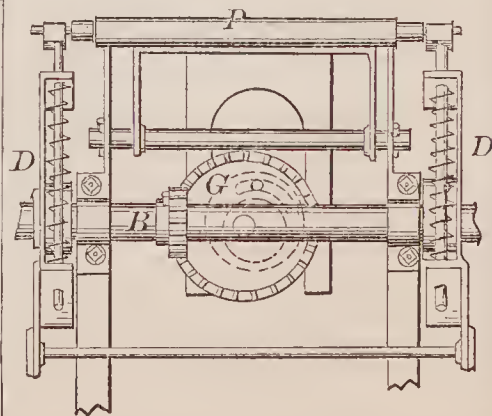
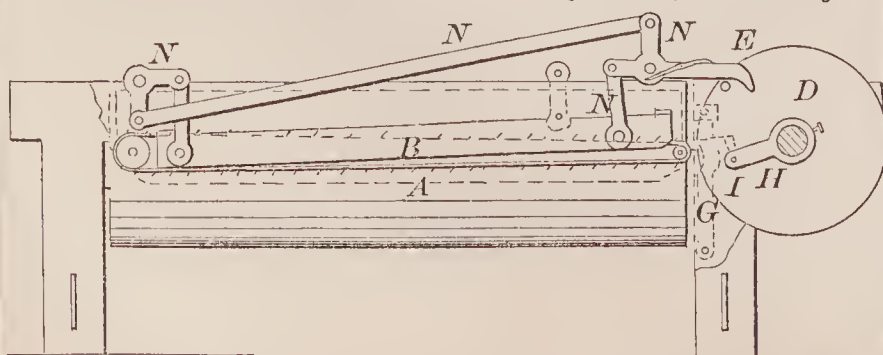


70059—J. D. Wilber—*Harvester.*

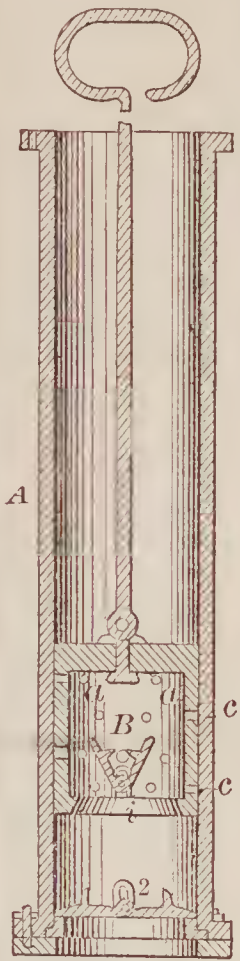


70055—West & Cunningham—*Carpet Fastener.*

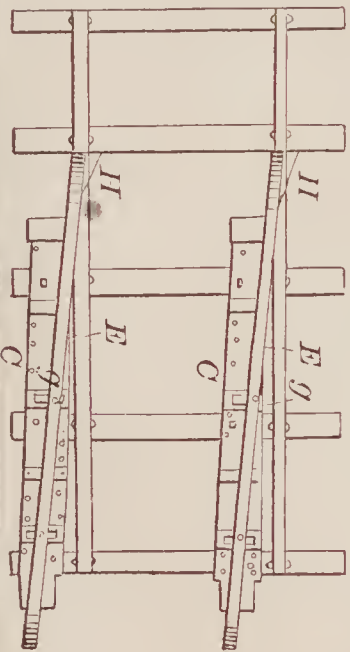


70061—J. Wixted—*Railway Frog.*70064—D. Arndt—*Washing Machine.*70062—G. C. Wright—*Apple Corer and Slicer.*70066—J. F. Badoye—*Hat Felting Machine.*70067—H. Barth—*Printing Press.*70063—E. Allen—*Mechanical Movement.*70065—A. C. Arnold—*For Crossing Bats for Felting.*

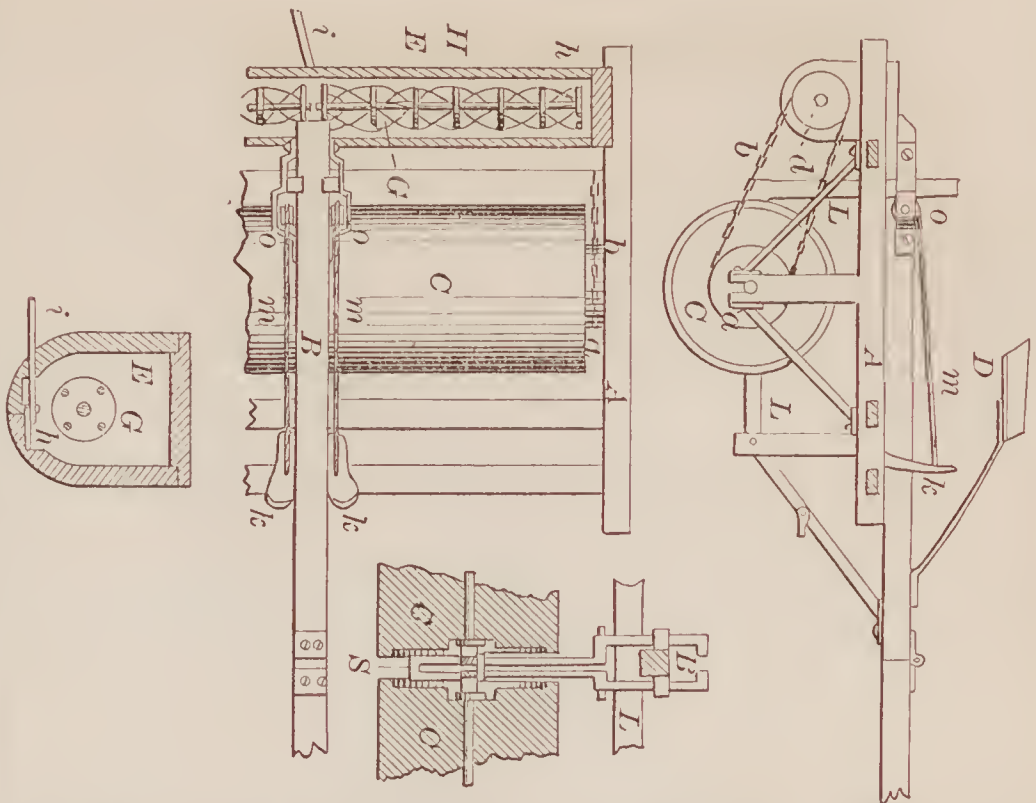
70068—Bauschleker & Vanfleet—*Pump.*



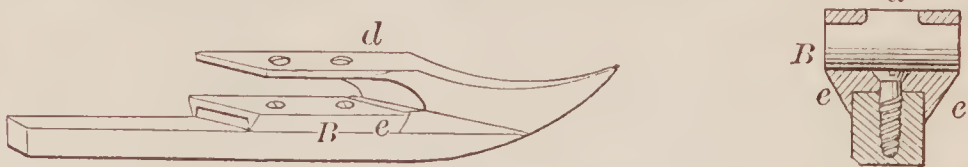
70069—A. G. Black—*Car Replacer.*



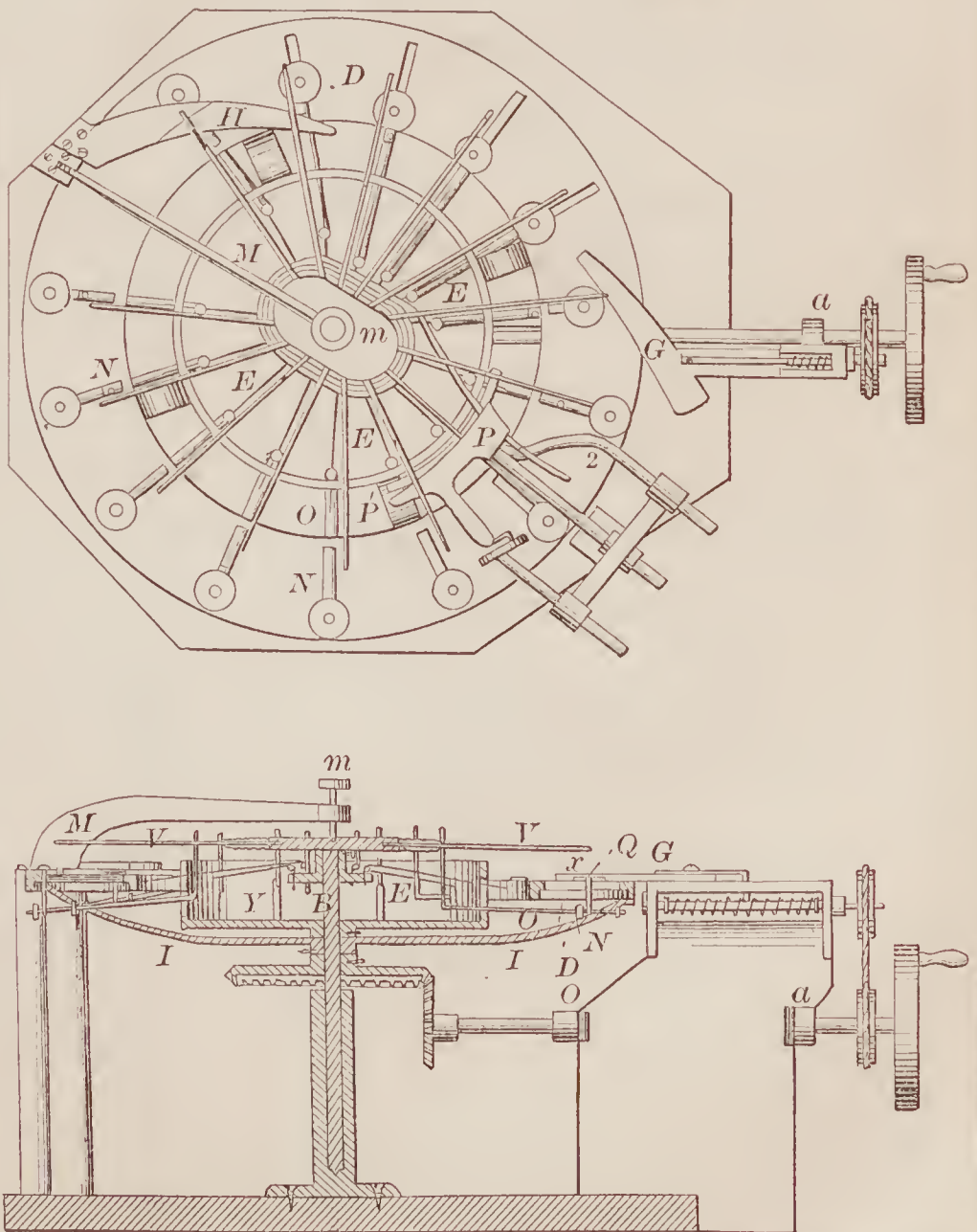
70070—Brock & Brondige—*Land Roller and Plaster Sower.*

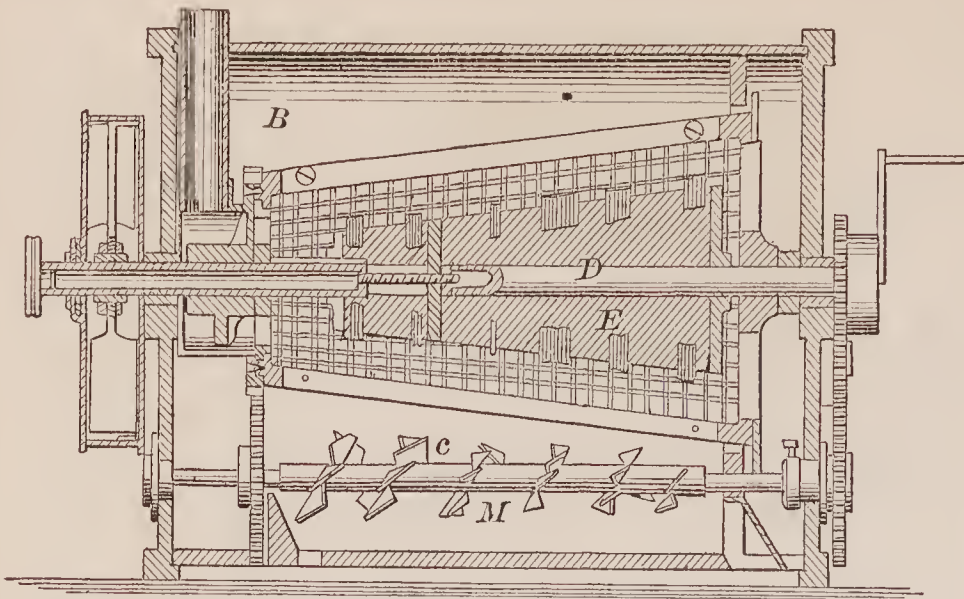
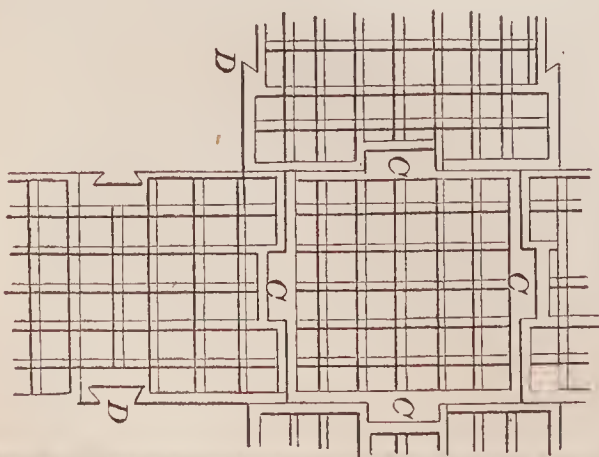
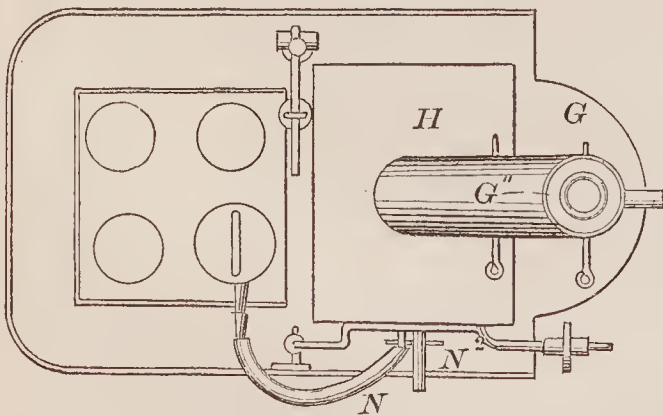
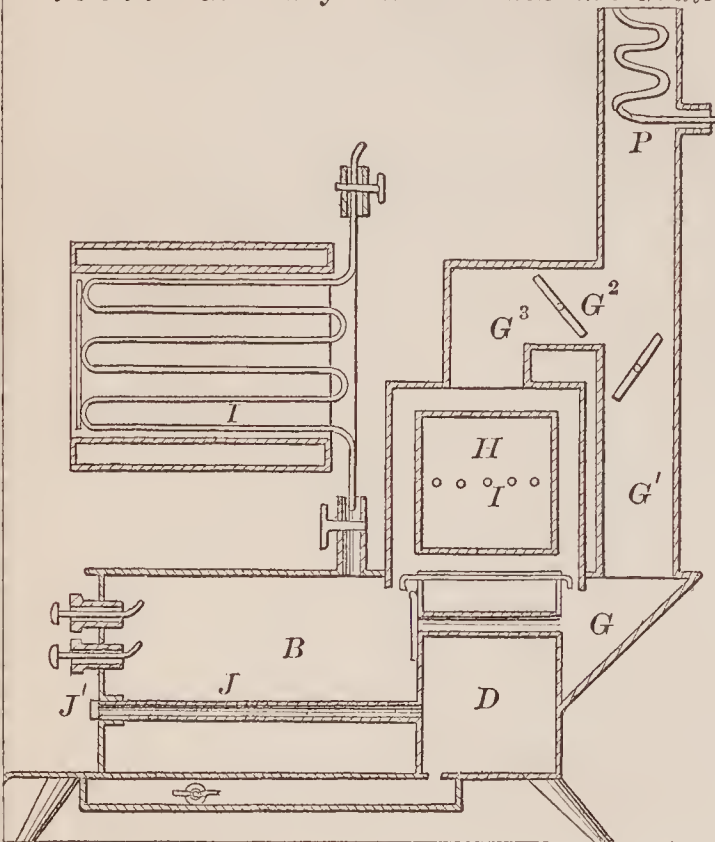
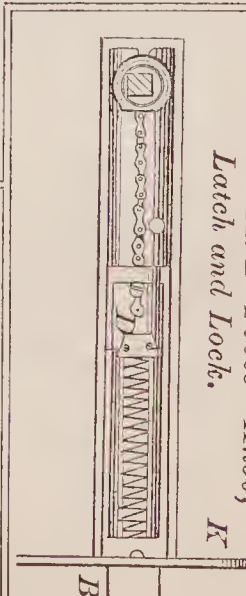
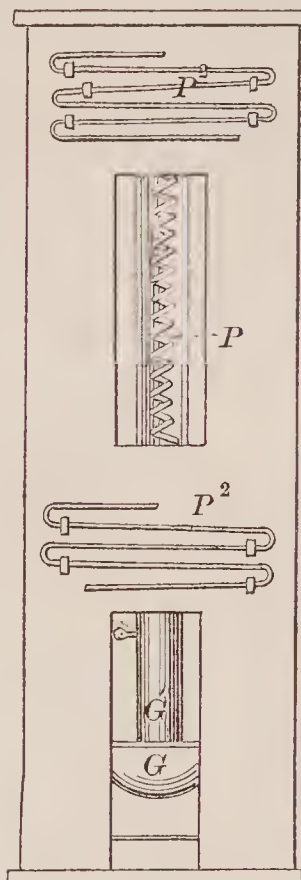
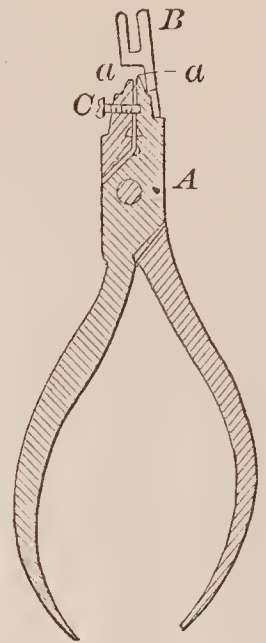
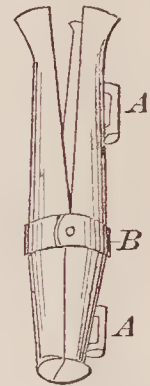
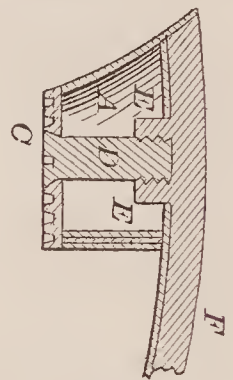
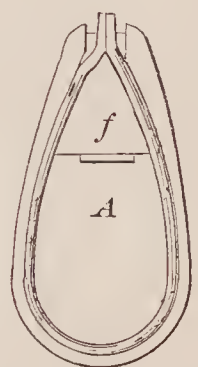
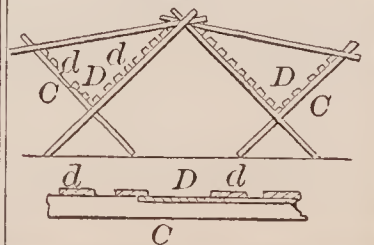


70071—Brown, Worcester & Griswold—*Guard Finger for Harvesters.*



70072—F. H. Brown—*For Making Baskets.*

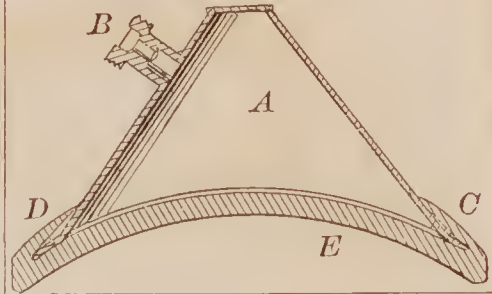


70073—Burr & Martyn—*For Hulling and Scouring Wheat.*70077—G. Dewey—*Water Back and Grate of Stoves.*70076—J. Dean—*Metallic Pavement.*70081—M. B. Foote—*Knob, Latch and Lock.*70074—J. M. Cayce—*Watchmakers' Tool.*70075—Curtis & Worden—*Self-Adjusting Whip Holder.*70078—Dyer & Drake—*Boot and Shoe Heel.*70079—E. P. Edstrom—*Horse Collar.*70080—N. T. Fitch—*Corn Crib*

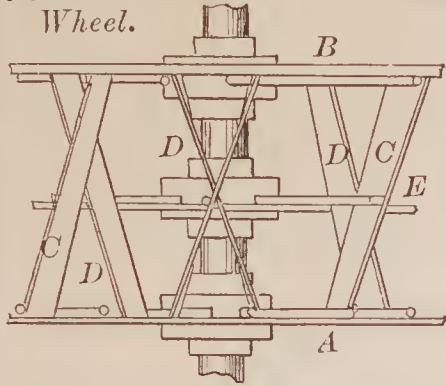
70082—W. K. Foster—*Washer for Axle Boxes.*



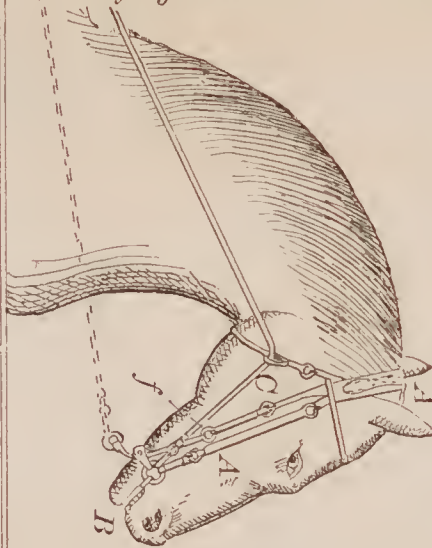
70087—G. Hadfield—*Surgical Cup.*



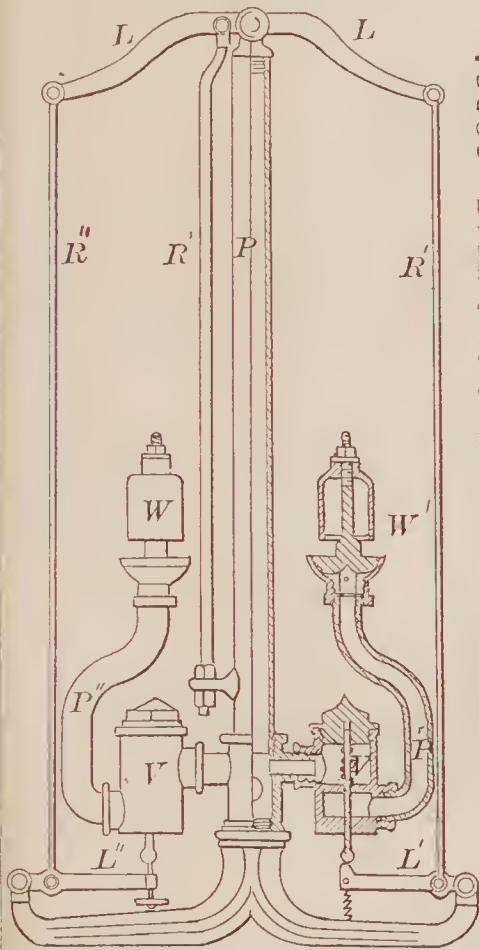
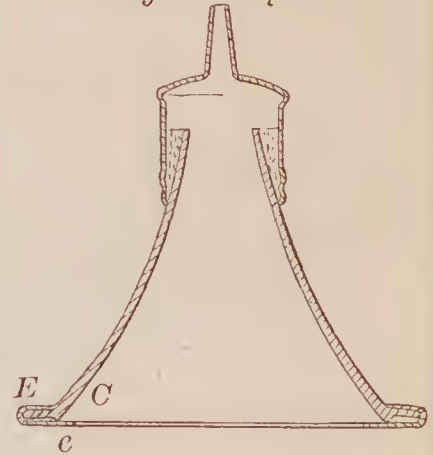
70084—W. Goodwin—*Paddle Wheel.*



70089—
F. A. Hannaford—*Safety Bridle.*

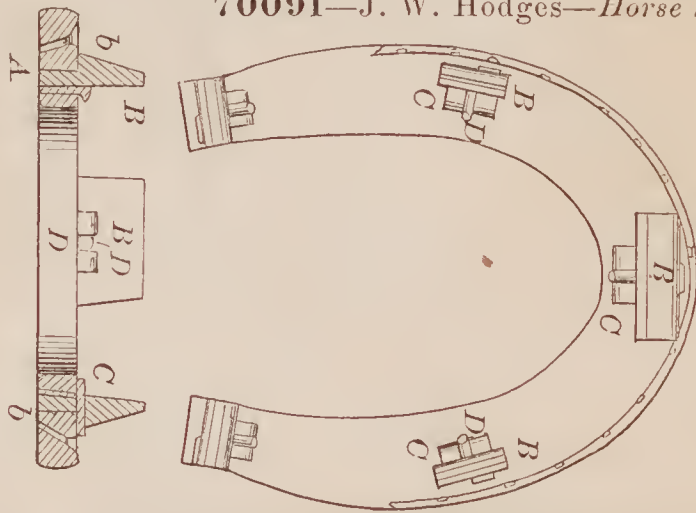


70088—G. Hadfield—*Surgical Cup.*

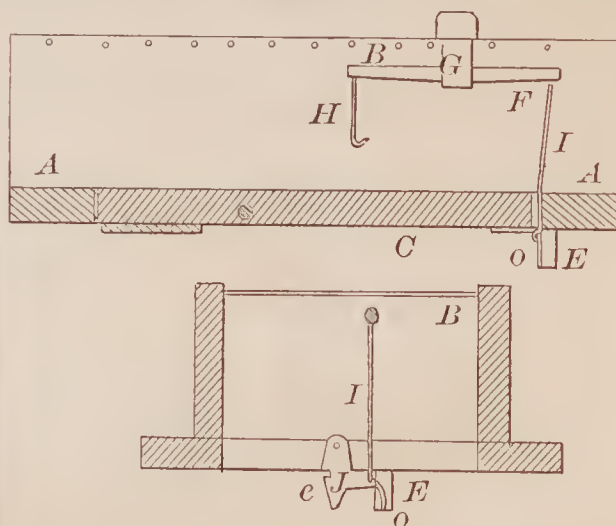


70086—D. M. Greene—*Steam Generator Indicator.*

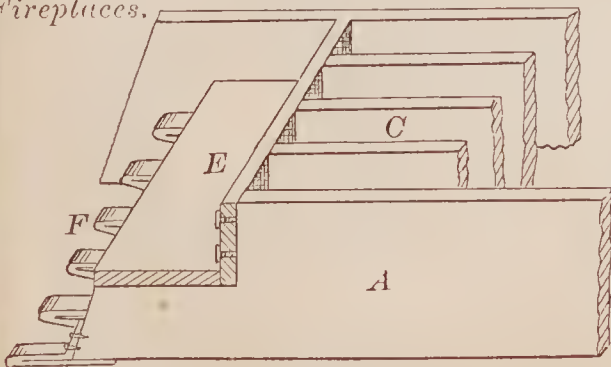
70091—J. W. Hodges—*Horse Shoe.*



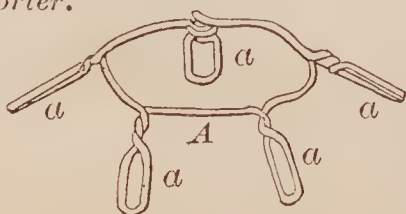
70093—B. Illingworth—*Animal Trap.*



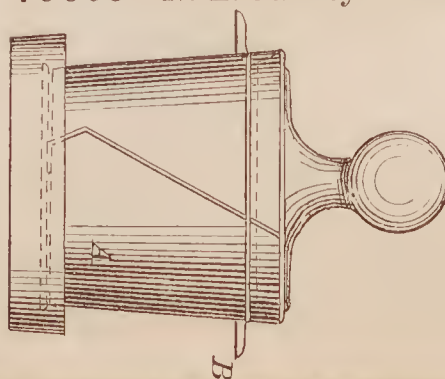
70090—J. L. Henderson—*Framework for Fireplaces.*

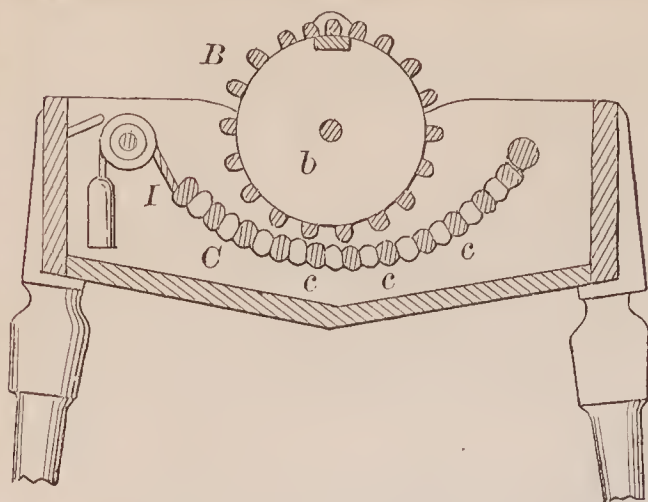
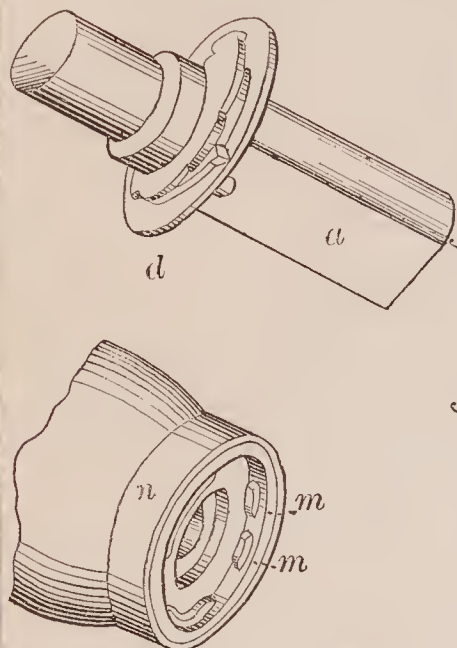
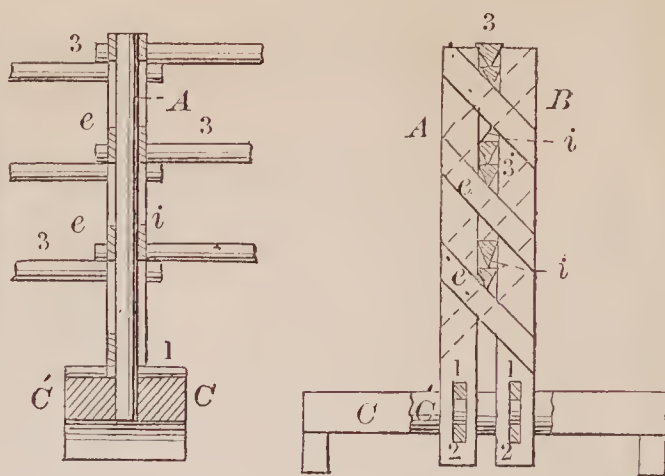
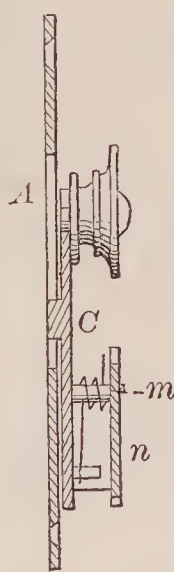
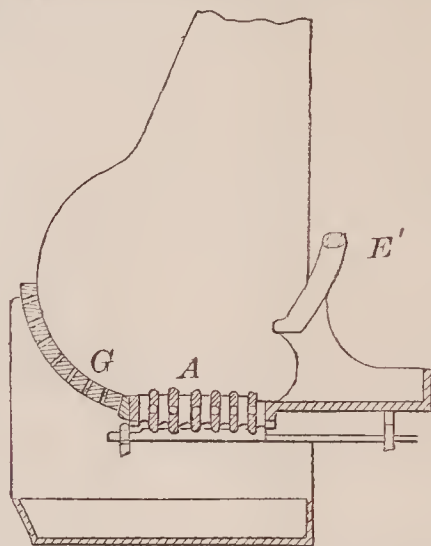
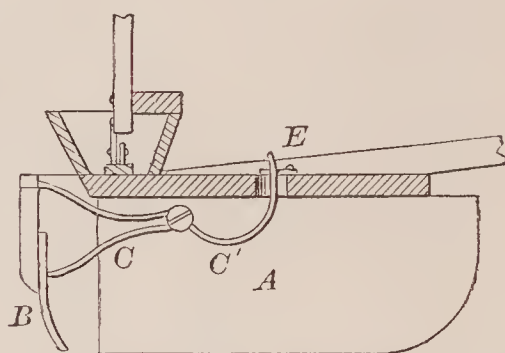
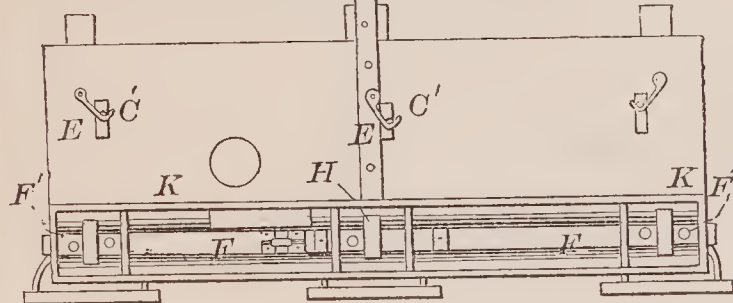
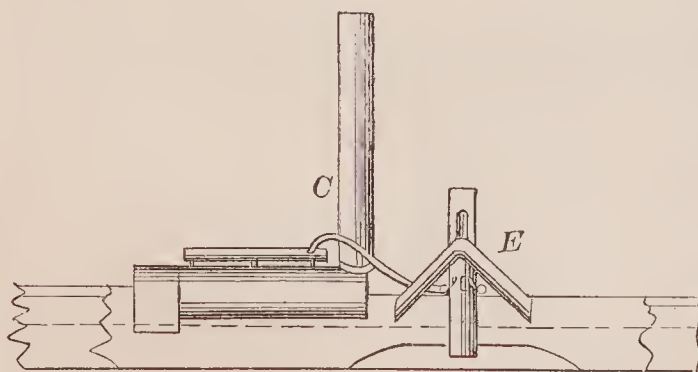
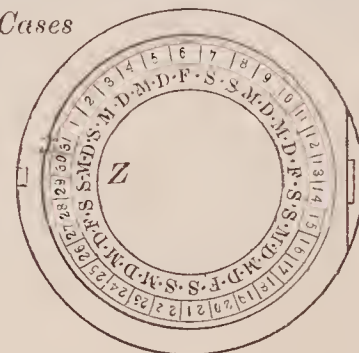
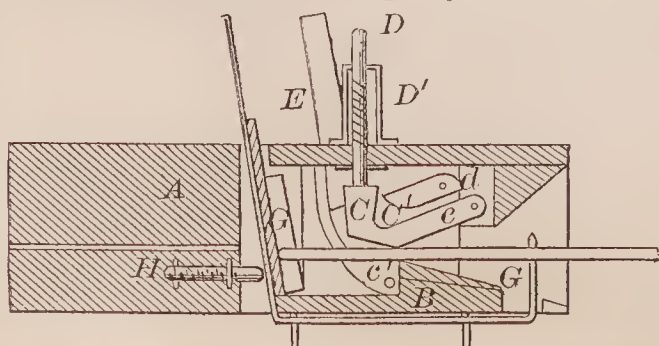
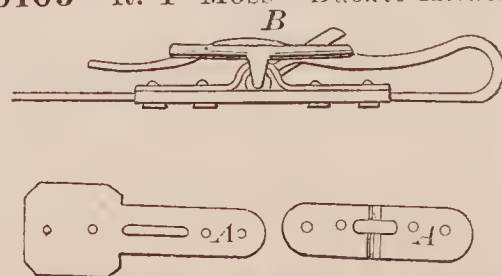


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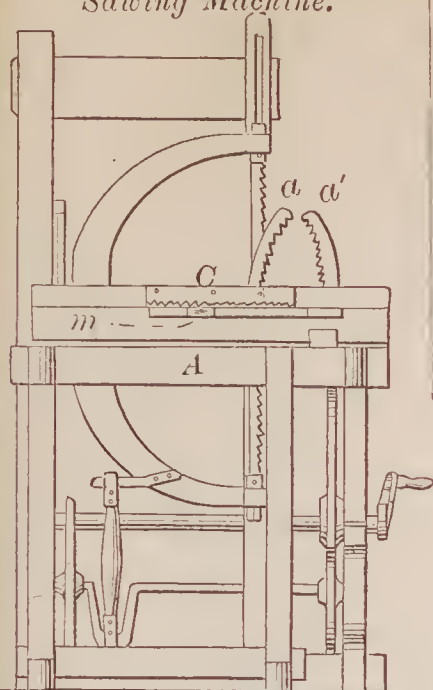


70095—N. L. Janney—*Butter Stamp.*

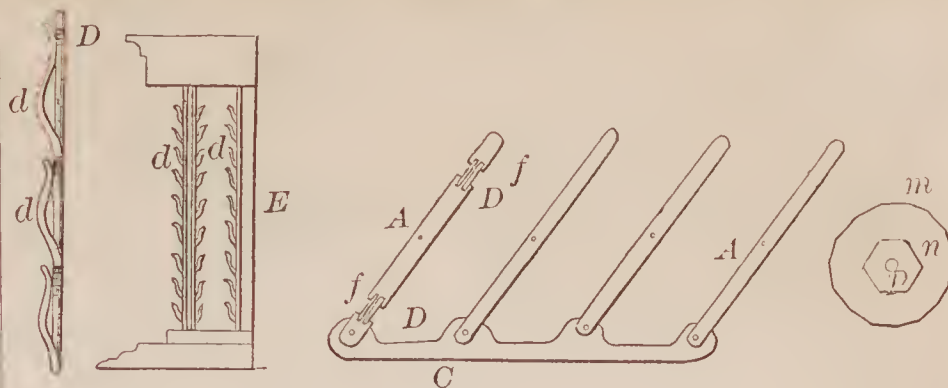


70096—G. H. Kidney—*Washing Machine.*70097—J. E. Layton—*Fence.*70098—J. H. Lewis—*Wheel and Axle for Carriages.*70099—T. Lyons—*Curtain Fixture.*70102—J. H. Meissner—*Grate.*70100—J. L. Manlove—*Seed Planter*70101—J. Marquis—*Siphon Propeller.*70104—J. D. Moore—*Calender for Watch Cases*70103—J. Miller—*Car Coupling.*70105—R. T. Moss—*Buckle Attachment.*

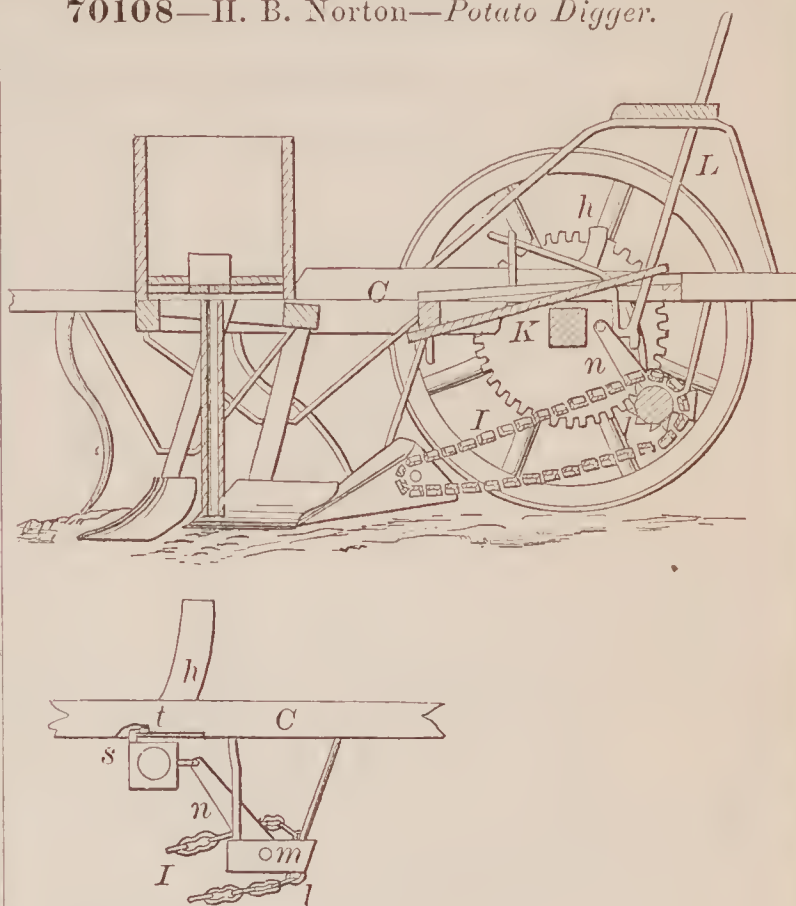
70106—G. L. Mowry—*Sawing Machine.*



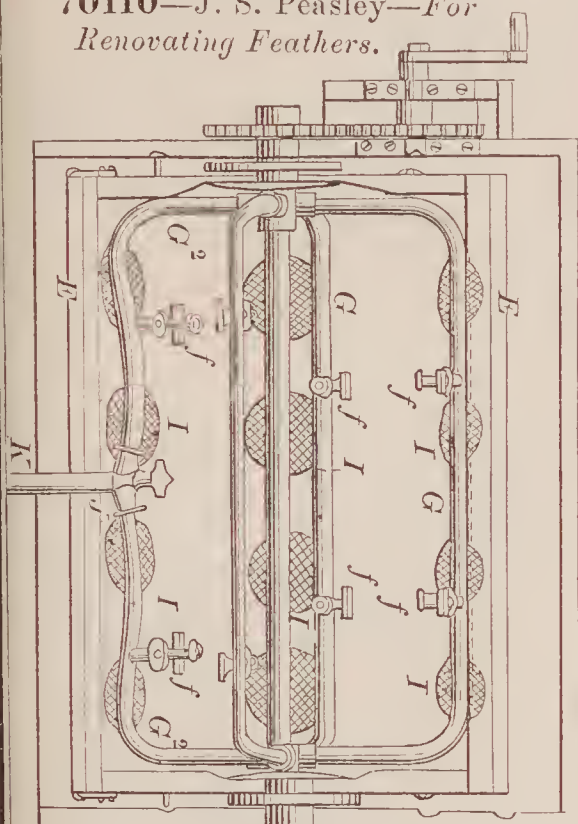
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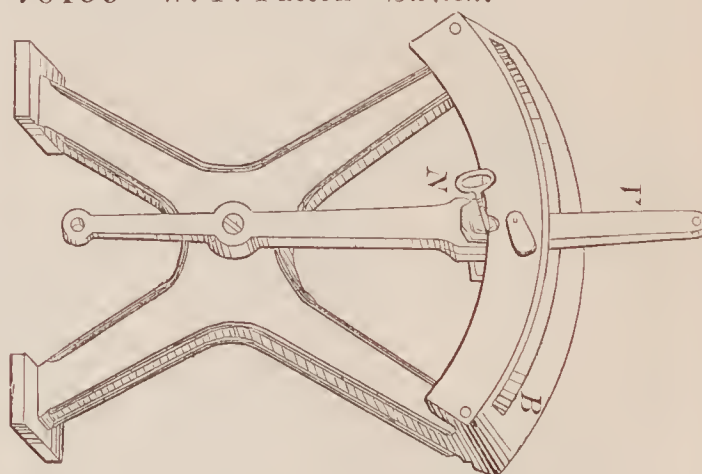
70108—H. B. Norton—*Potato Digger.*



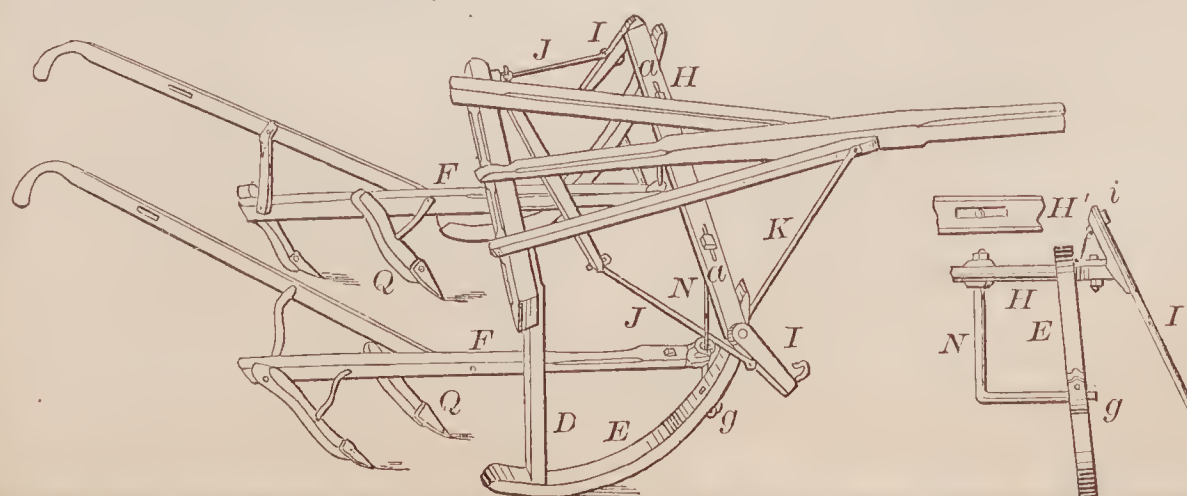
70110—J. S. Peasley—*For Renovating Feathers.*

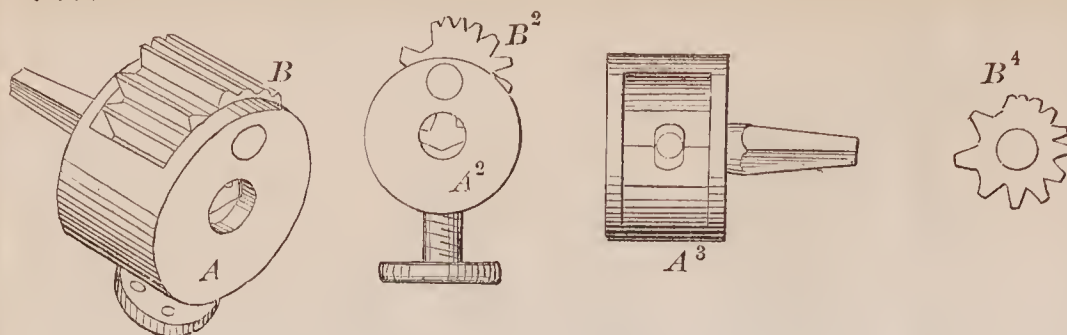
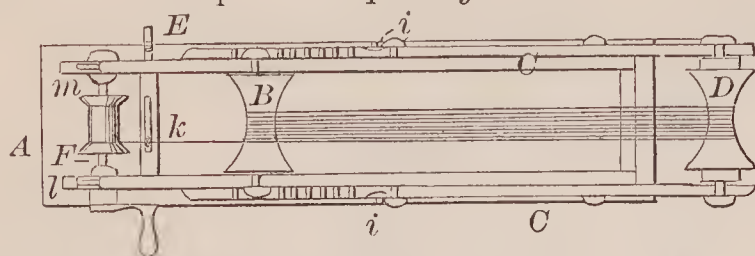
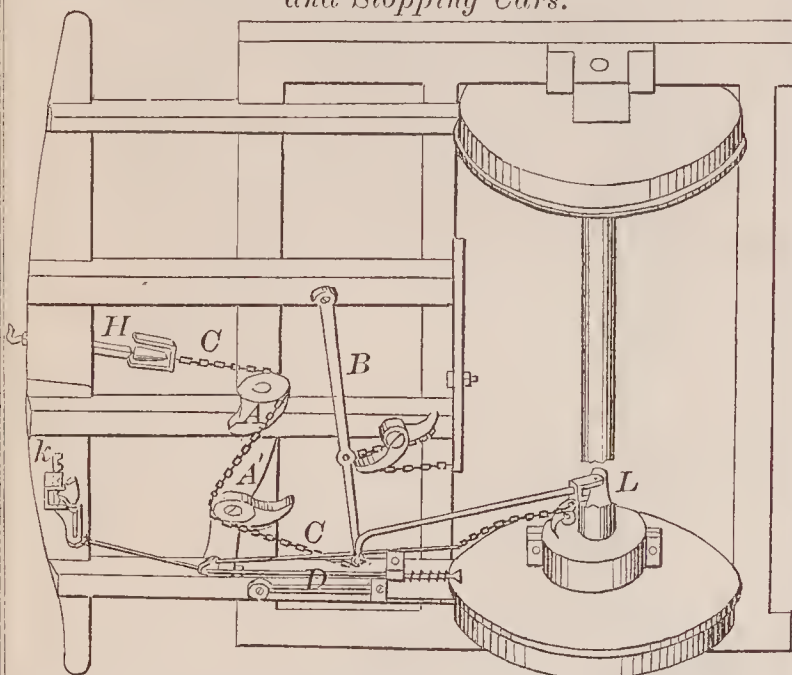
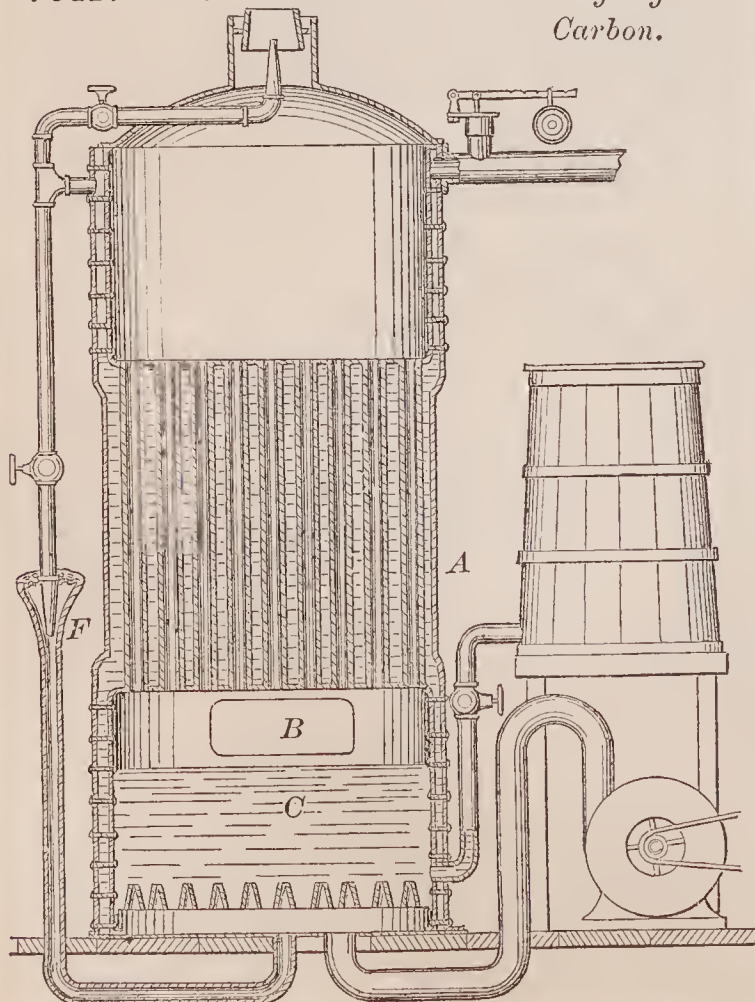
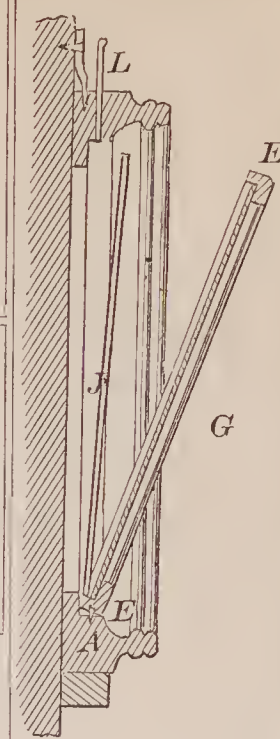
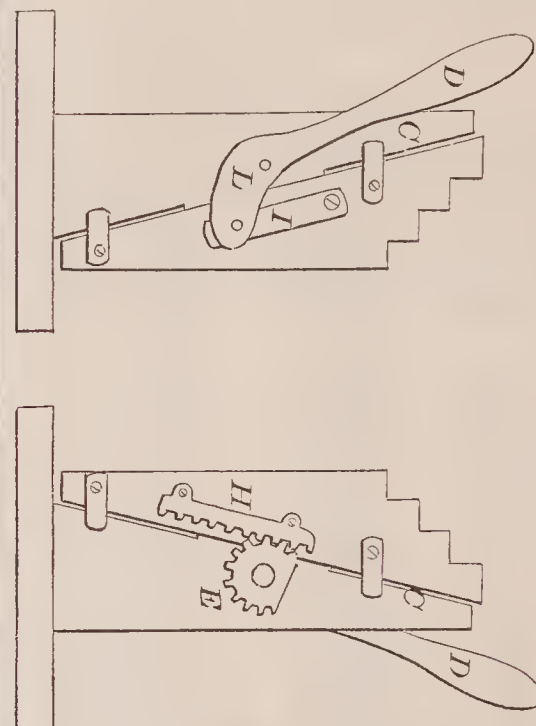
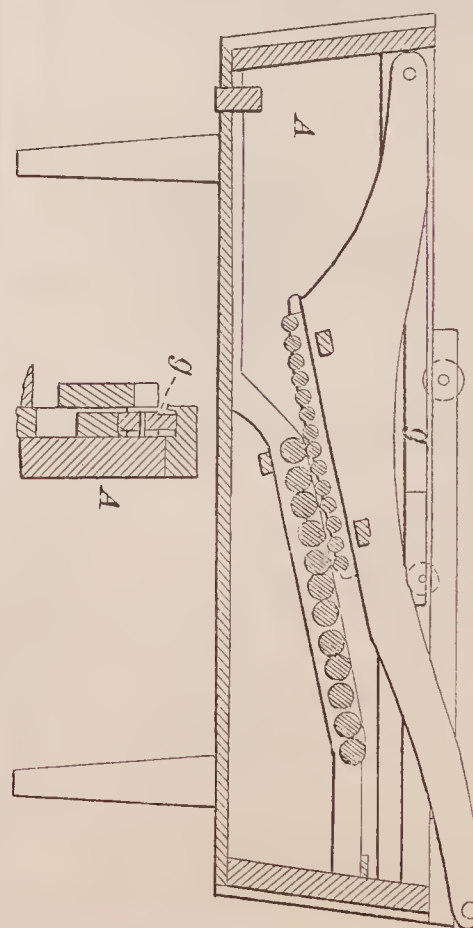


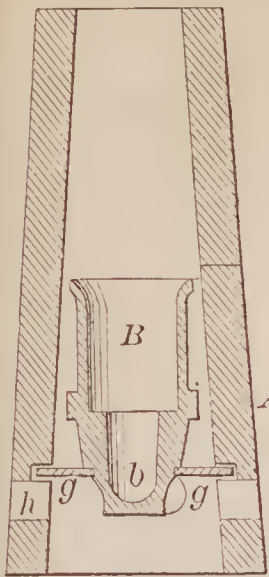
70109—W. P. Patton—*Switch.*



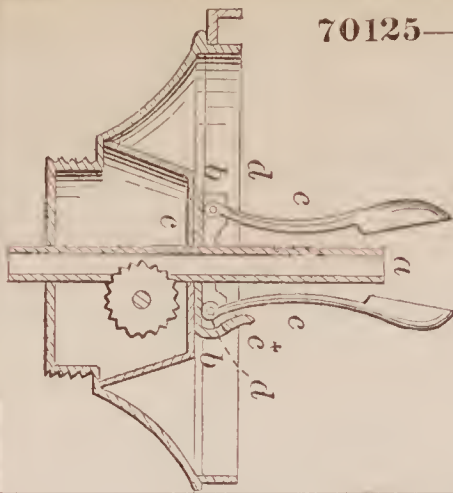
70111—E. Peck—*Cultivator.*



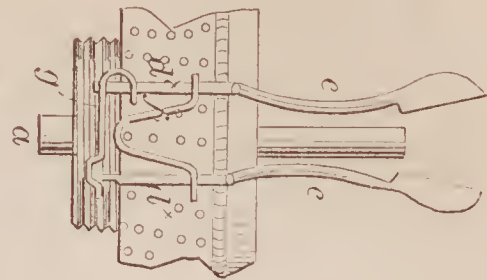
70112—B. W. Peirce—*Chuck.*70113—A. S. Phillips—*For Spooling Thread.*70114—Phillips, Southwick & Arnold—*Starting and Stopping Cars.*70117—Post & Gerrard—*For Burning Hydro-Carbon.*70116—C. P. Poirier—*Frame for Pictures, &c.*70115—O. L. Pinney—*Lifting Jack.*70118—C. C. & J. Purington—*Washing Machine.*



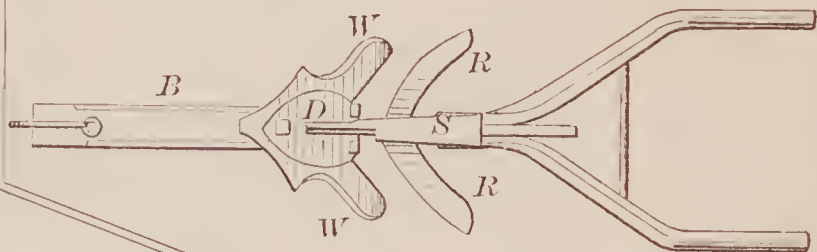
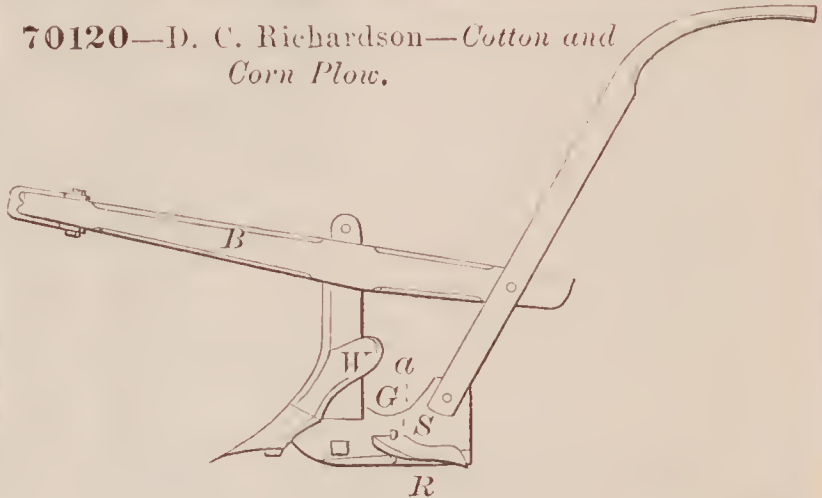
70119—J. Register—Hydrant.



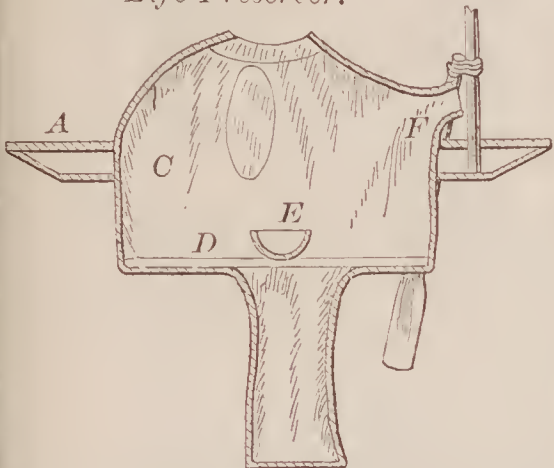
70125—L. M. Sargent—Lamp Extinguisher.



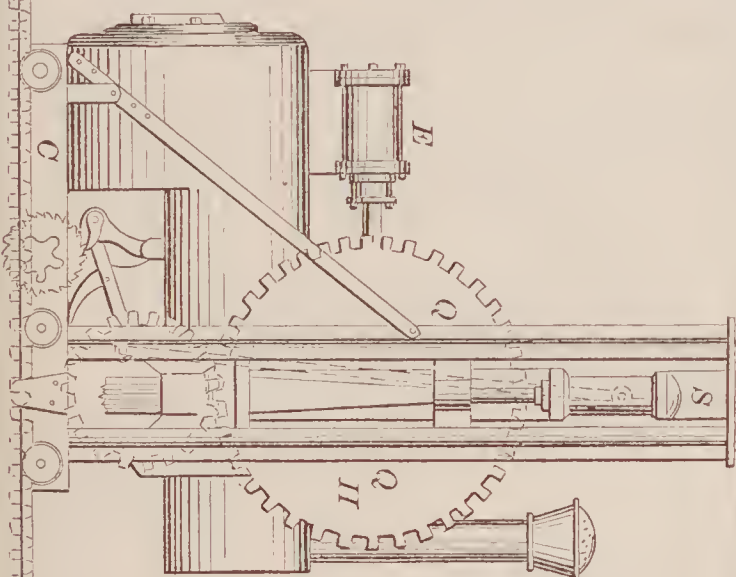
70120—D. C. Richardson—Cotton and Corn Plow.



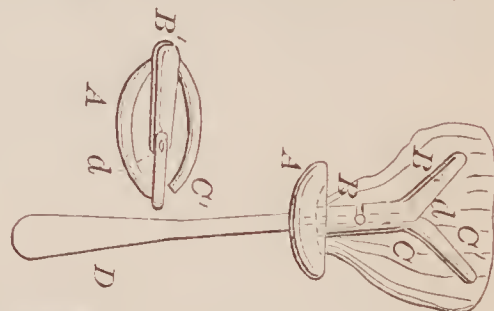
70121—R. Robinson—Life Preserver.



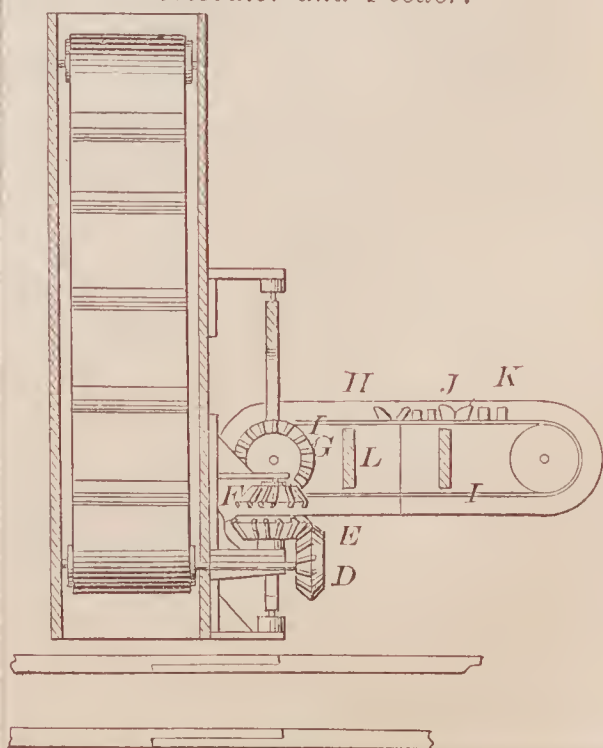
70123—H. J. Ruggles—Stone Channeling Machine.



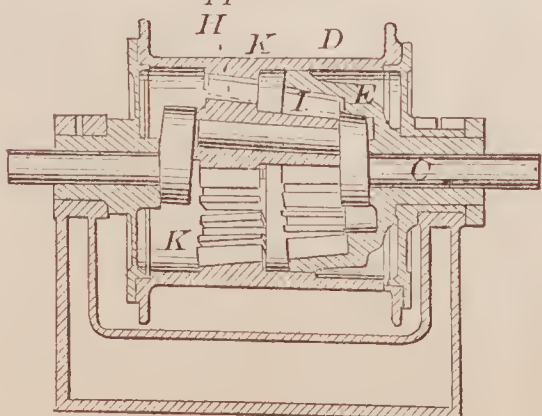
70124—T. C. Sachse—Pessary.



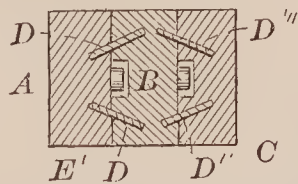
70126—B. F. Sherman—Grain Elevator and Feeder.



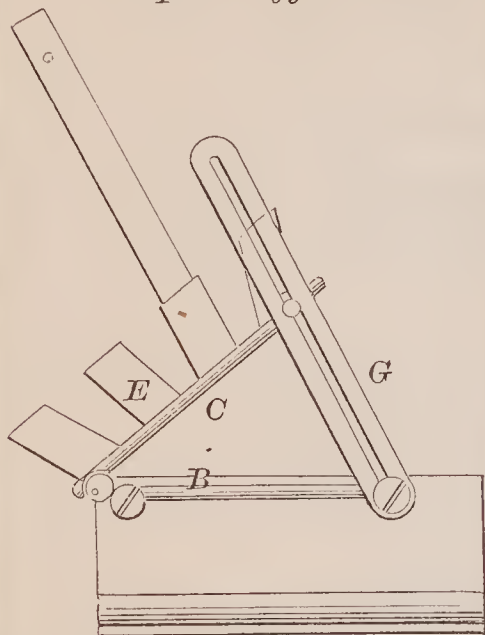
70122—J. F. Rochow—Hoisting Apparatus.



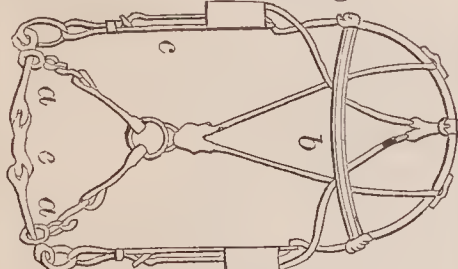
70127—Slute & Jackson—*Extension Table Slide.*



70128—C. Smith—*Hanging Top to Buggies.*

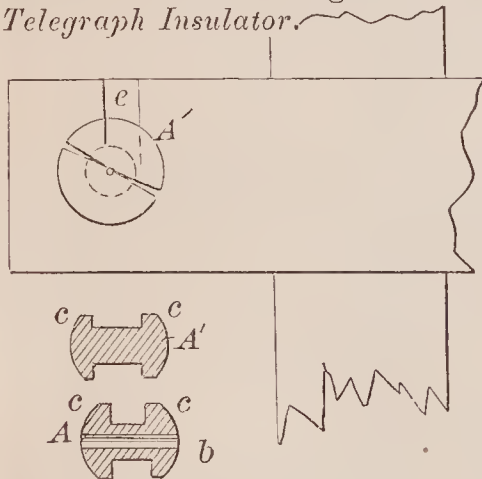


70129—R. D. Sterling—

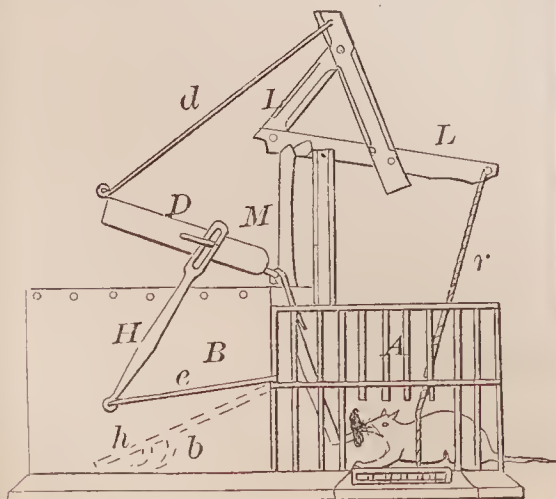


Joint Bit and Check.

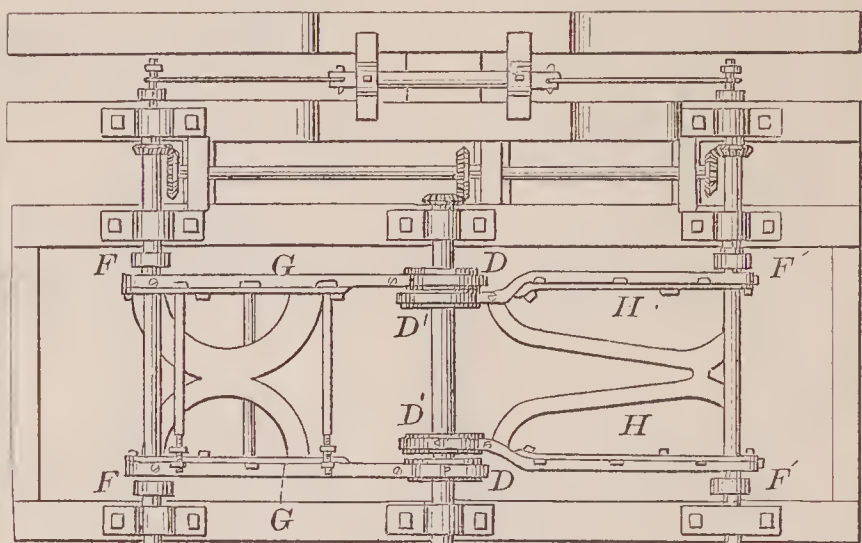
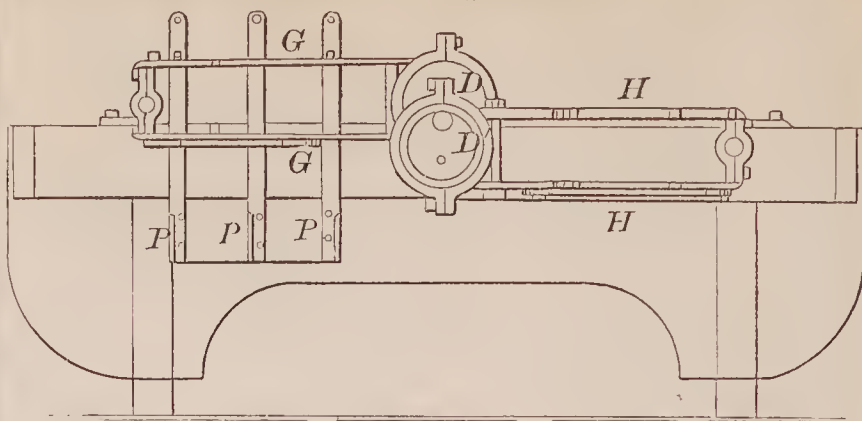
70132—Teller & Savage—*Telegraph Insulator.*



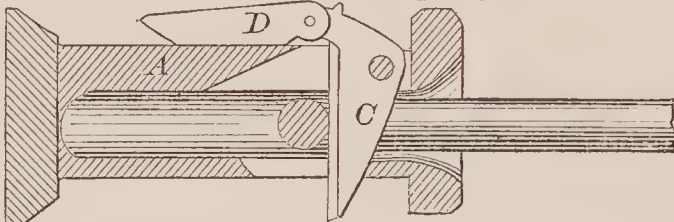
70133—J. Trainer—*Animal Trap.*



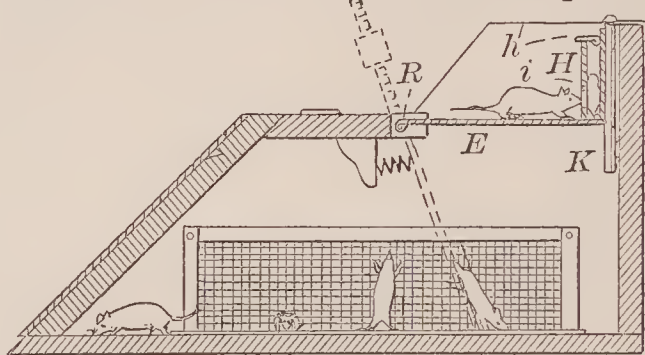
70130—R. R. Stevens—*Propelling Vessels.*



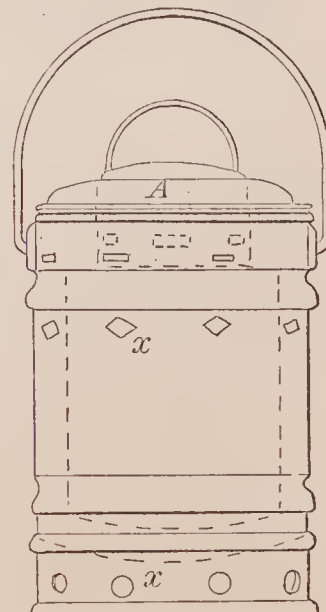
70131—J. Swan—*Car Coupling.*



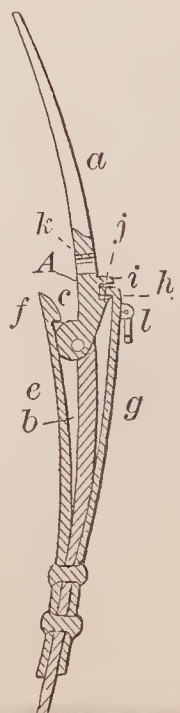
70134—C. S. Trevitt—*Animal Trap.*



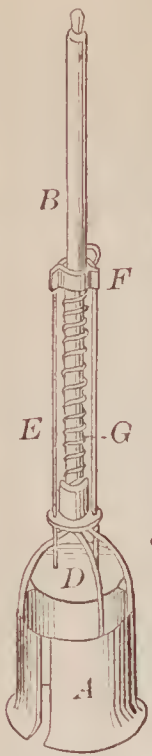
70136—C. M. Vail—*Cooler for Water, Milk, Beer, &c.*



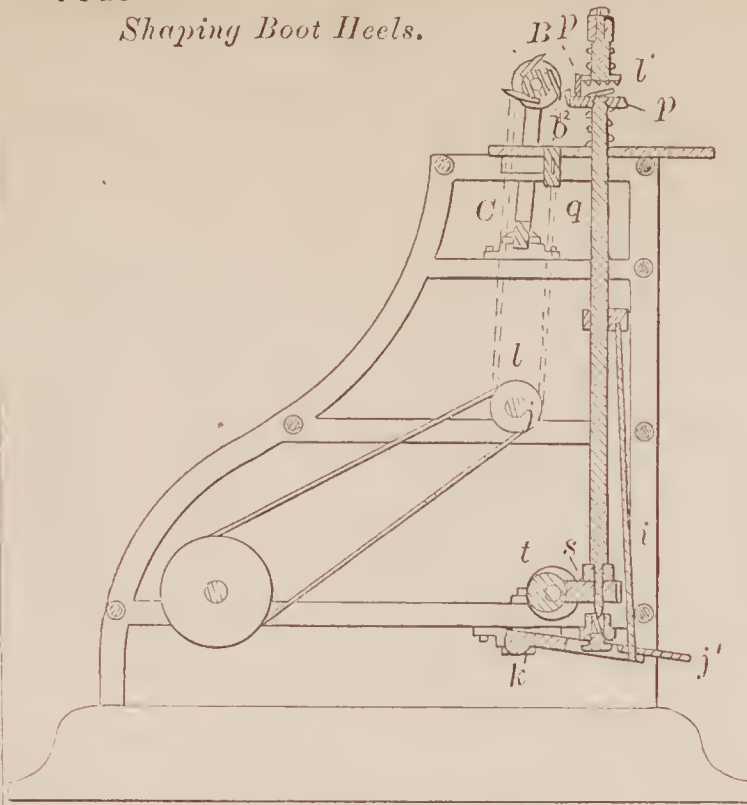
70135—W. Truby—*Manure Fork, &c.*



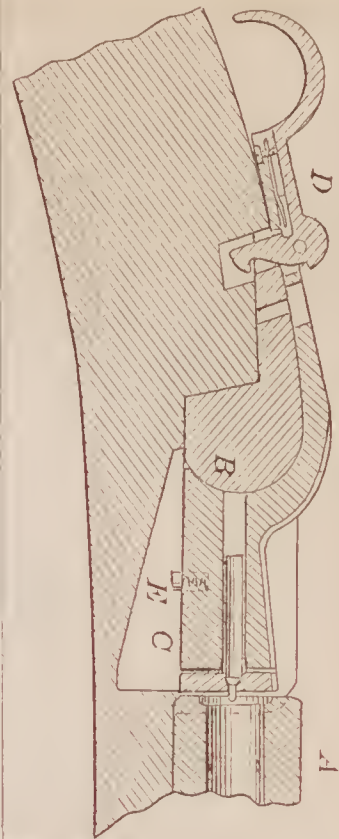
70137—Vance & Watkins—For Cutting Post Holes.



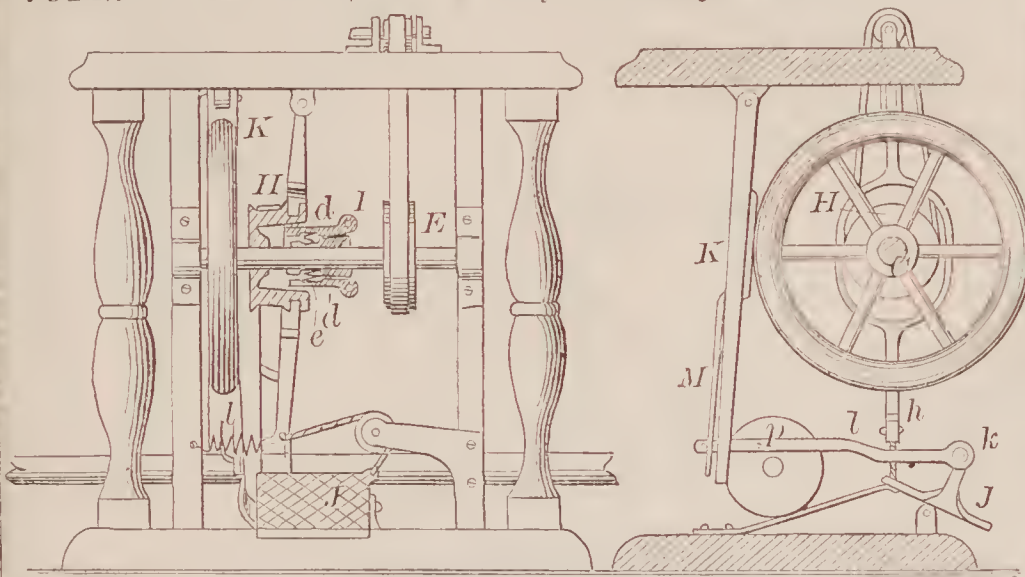
70139—G. W. Warfield—For Shaping Boot Heels.



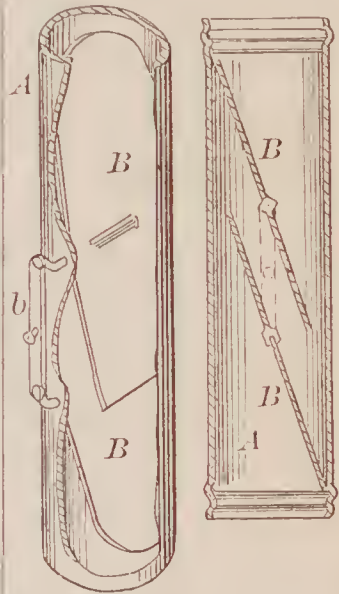
70141—L. Wheelock—Breech-Loading Fire Arm.



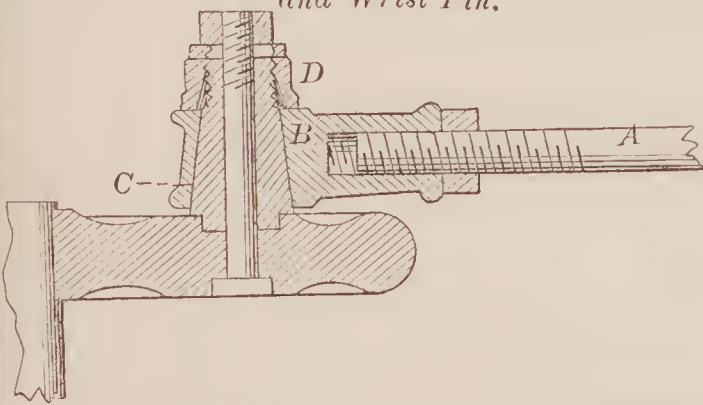
70142—R. Whitehill, Jr.—Motor for Sewing Machines.



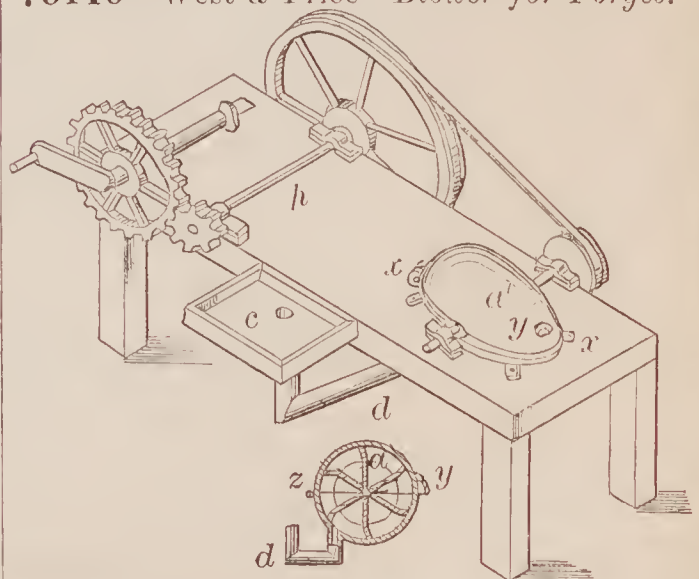
70138—J. C. Ward—Store Pipe Drum.



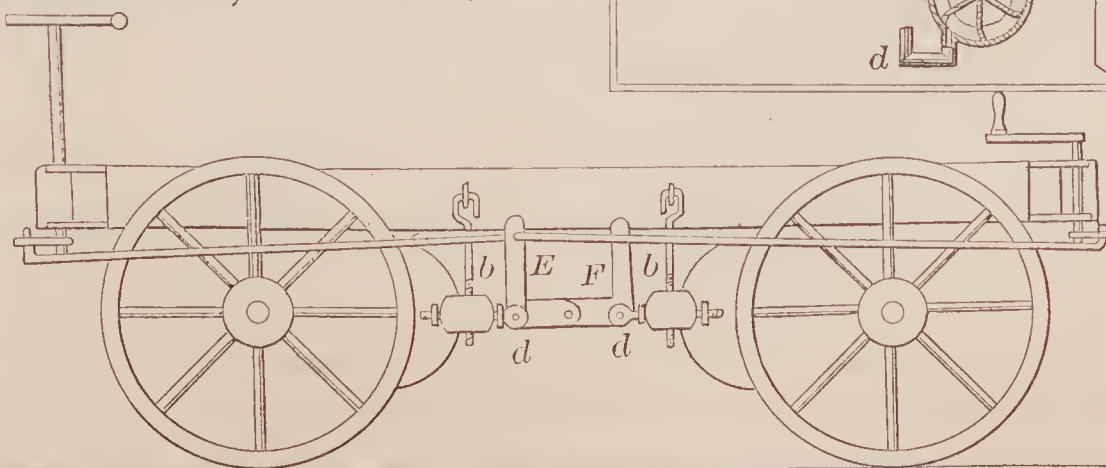
70143—W. N. Whiteley—Pitman Head and Wrist Pin.



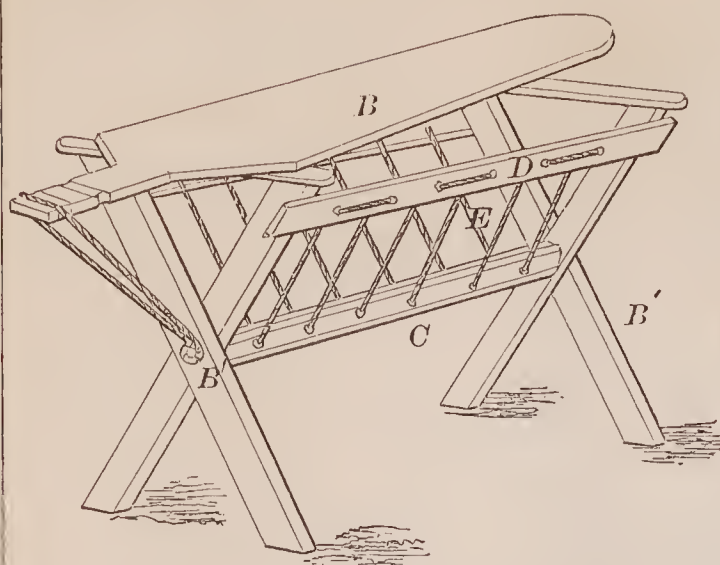
70140—West & Price—Blower for Forges.



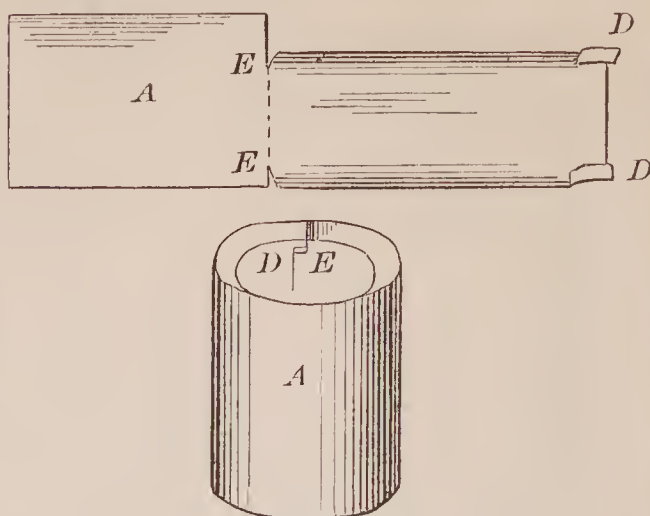
70145—J. F. Wood, 2d—Car Brake.



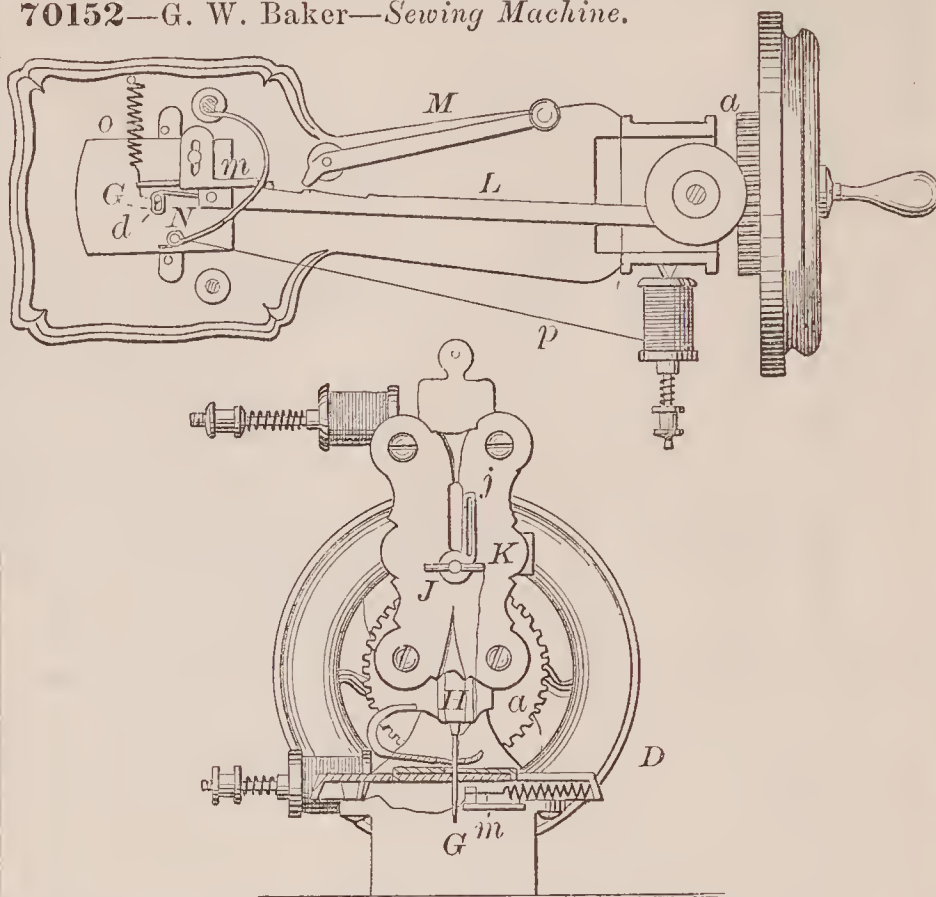
70146—A. T. Woolsey—*Ironing Table.*



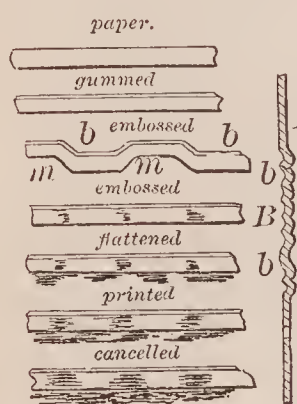
70150—S. O. Avery—*Milk Can.*



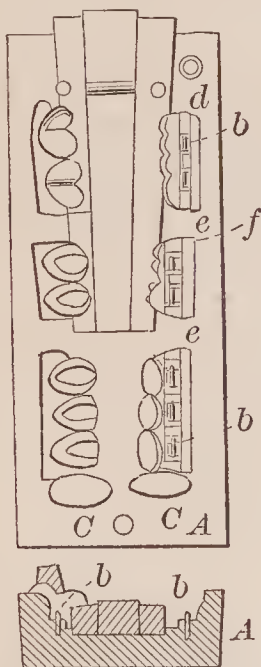
70152—G. W. Baker—*Sewing Machine.*



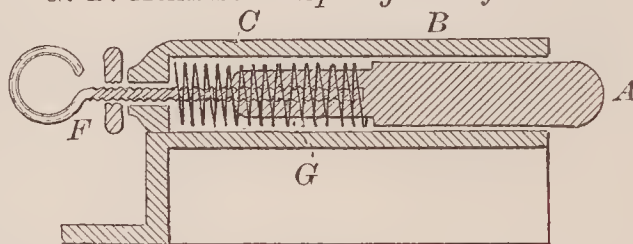
70147—C. F. Steel—*Postage Stamp Manufacture.*



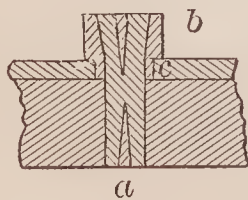
70148—A. M. Asay—*Mould for Artificial Teeth.*



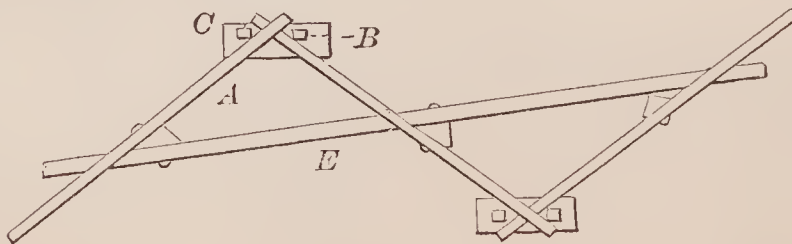
70149—G. F. Atkinson—*Spring Bolt for Doors*.



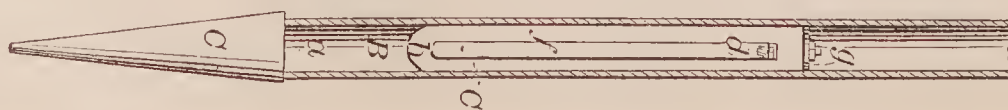
70151—J. Baird—*Treenail*.



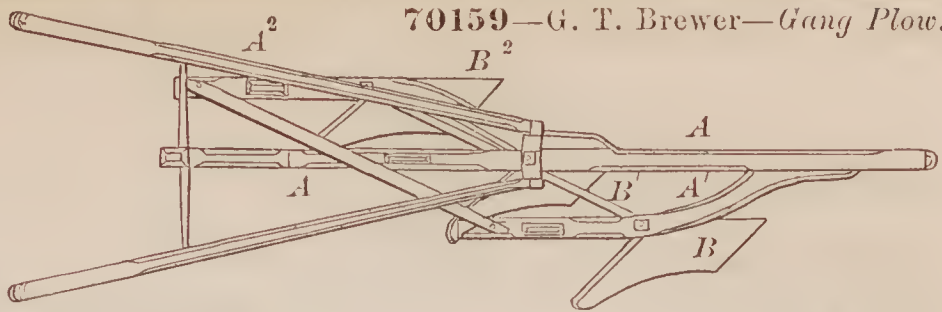
70153—T. H. Bellard—*Field Fence*.



70154—R. N. Bennett—*Sinking Well Tubing.*



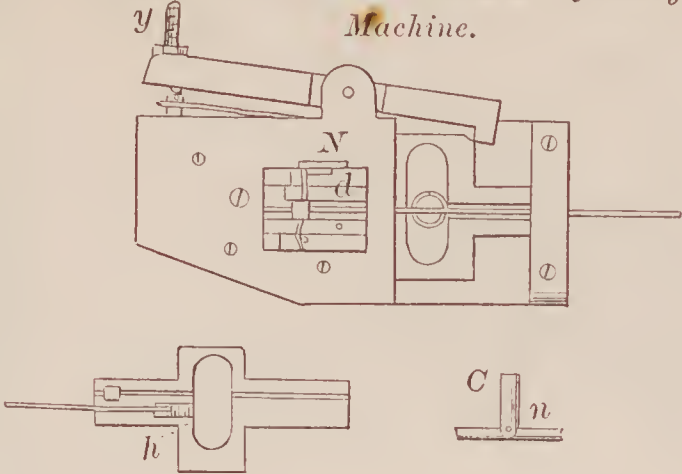
70159—G. T. Brewer—*Gang Plow.*



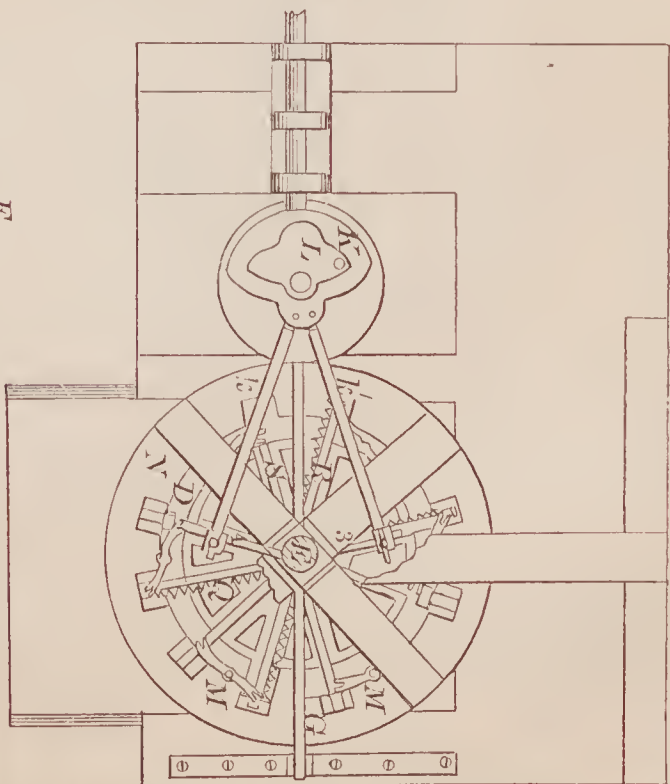
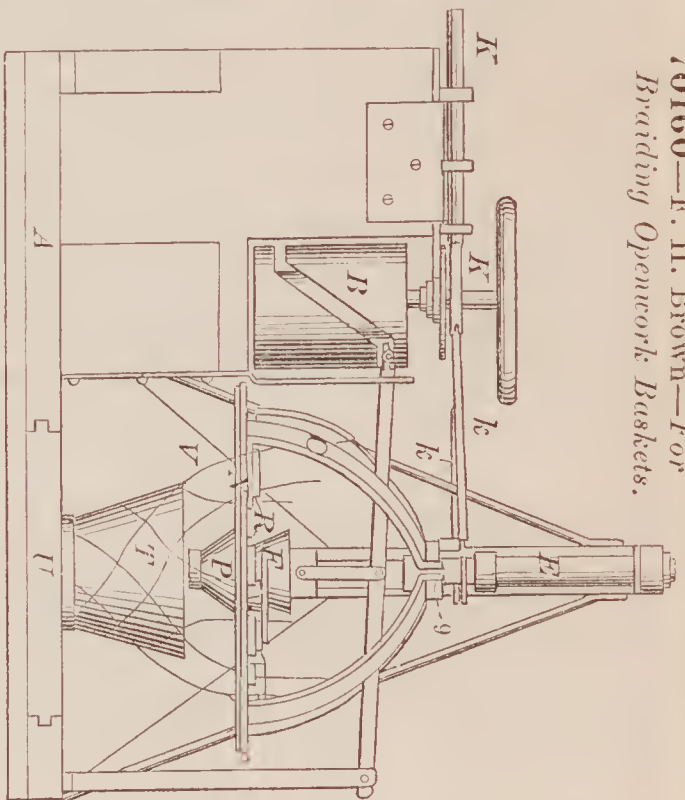
70156—J. C. Blackman—*Plated Waxe.*



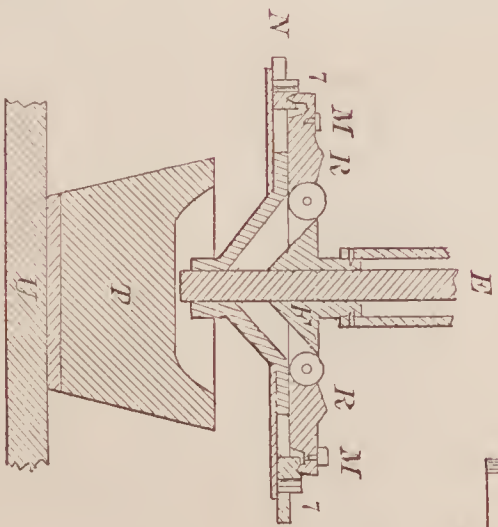
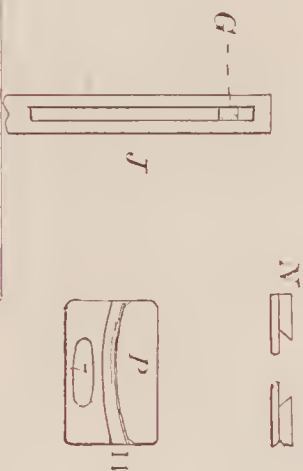
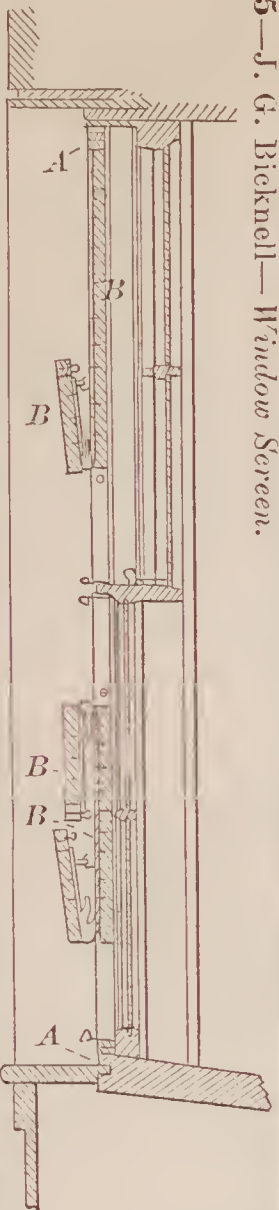
70158—A. G. Brewer—*Leather Quilting Machine.*



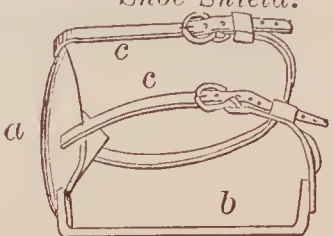
70160—F. H. Brown—*For Braiding Openwork Baskets.*

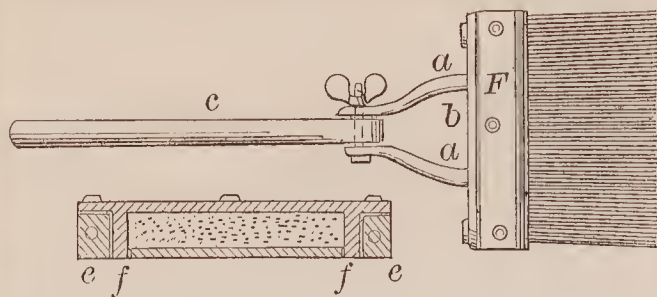
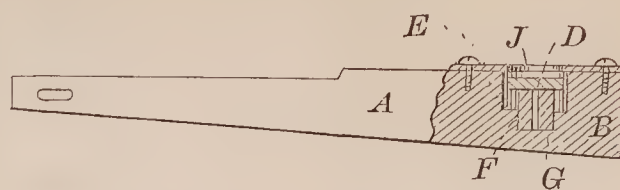
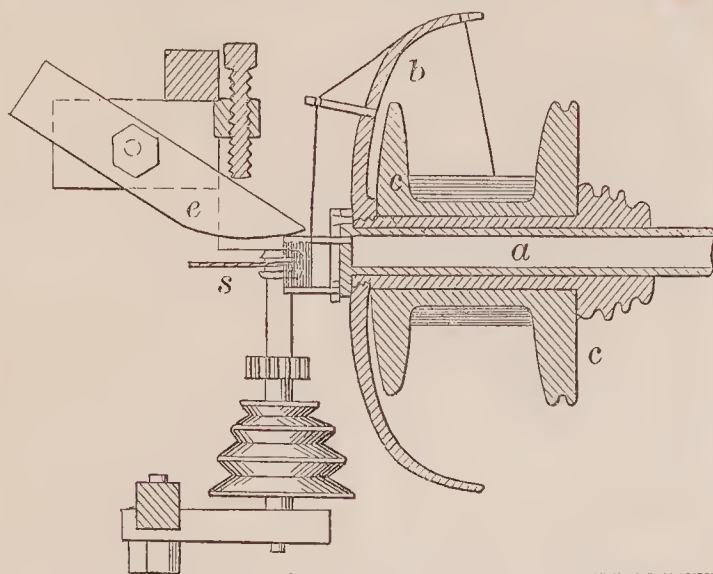
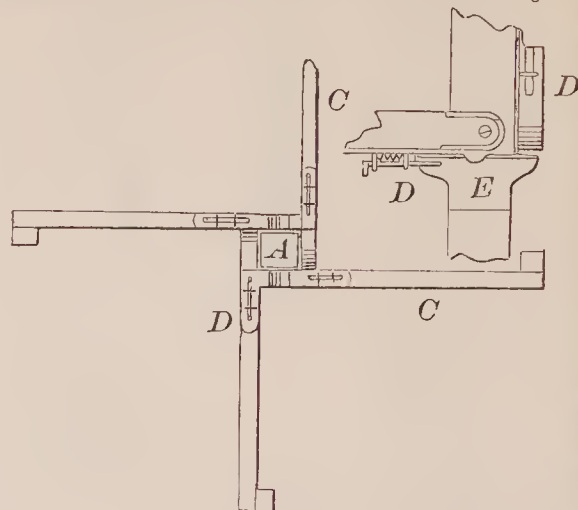
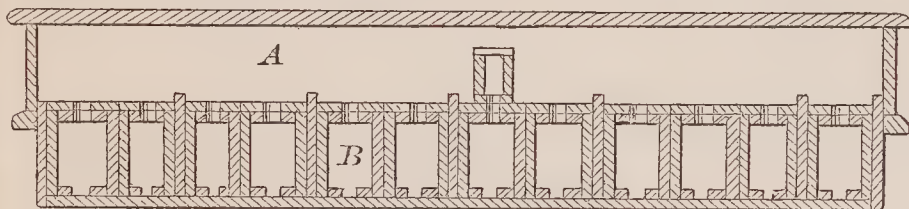
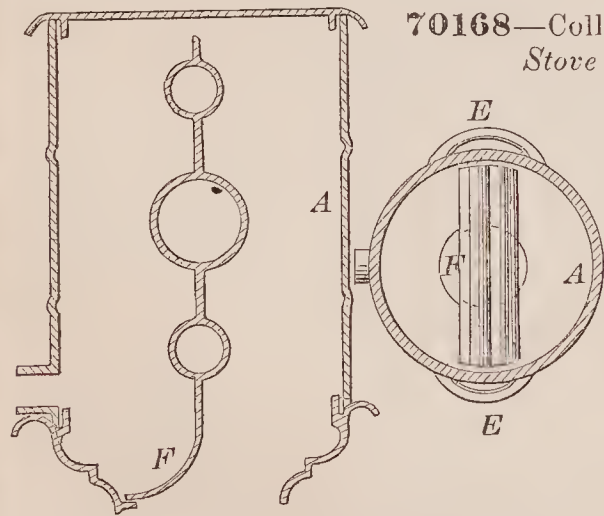
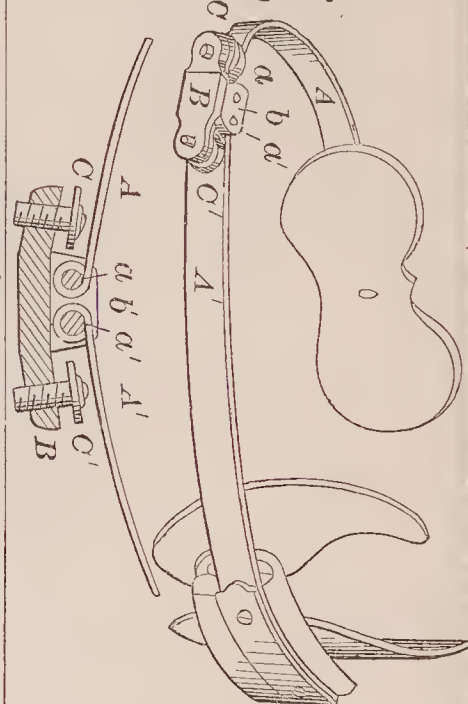
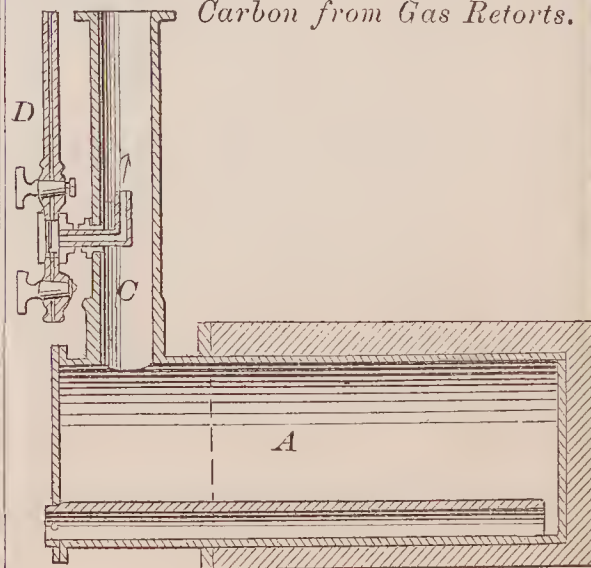
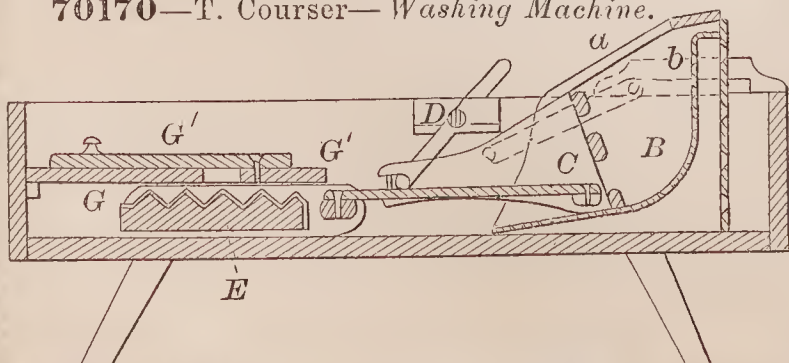


70155—J. G. Bicknell—*Window Screen.*

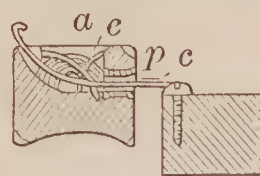


70157—J. P. Bradley—*Boot and Shoe Shield.*

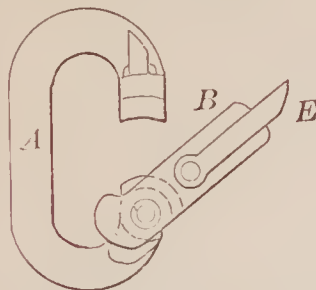


70161—J. Buereky—*Brush.*70164—Card & Andrews—*Picker for Looms.*70163—W. Canter—*Chenille.*70165—R. D. Chandler—*Clothes Dryer.*70162—G. W. Campbell—*Portable Fence.*70167—J. Coats—*Beehive.*70168—Collins & Bergie—*Stove Drum.*70169—Colton & Angell—*Truss Spring.*70166—B. E. Chollar—*Removing Carbon from Gas Retorts.*70170—T. Courser—*Washing Machine.*

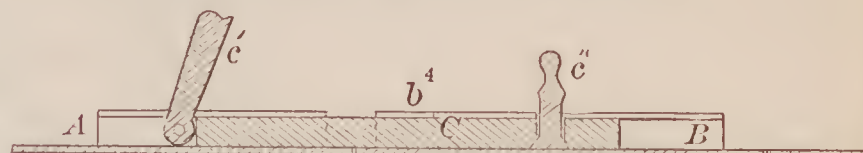
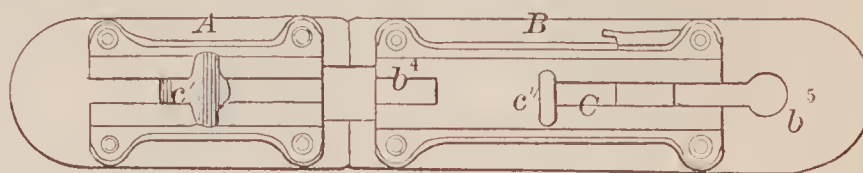
70171—G. L. Crandal—*Shuttle.*



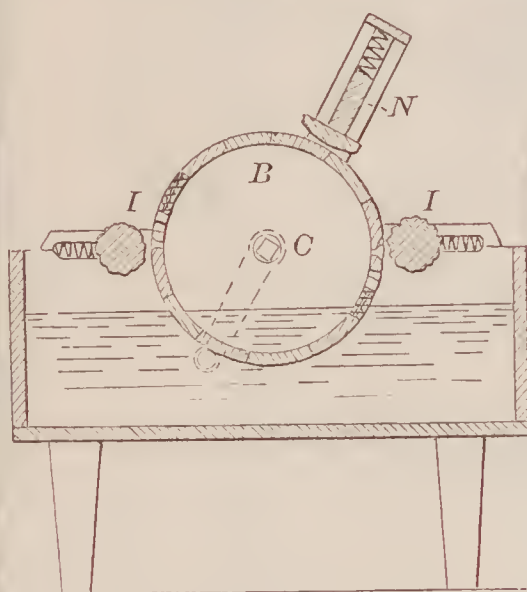
70172—R. Kreuzbaur—*Connecting Link.*



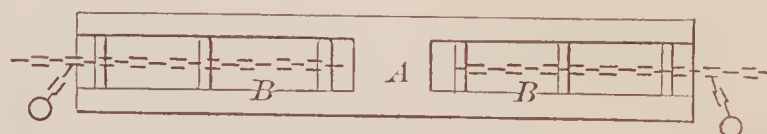
70173—J. M. & M. L. Cummings—*Shutter Bowing Bolt.*



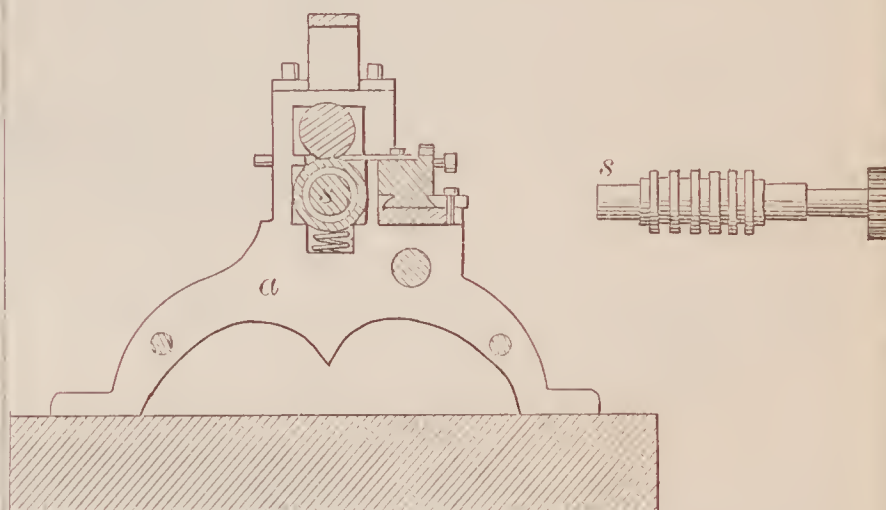
70178—H. W. Driver—*Washing Machine.*



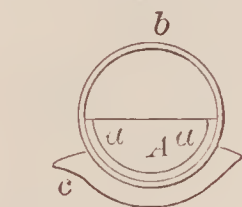
70174—J. P. Davis—*Bunk for Logging Sleigh.*



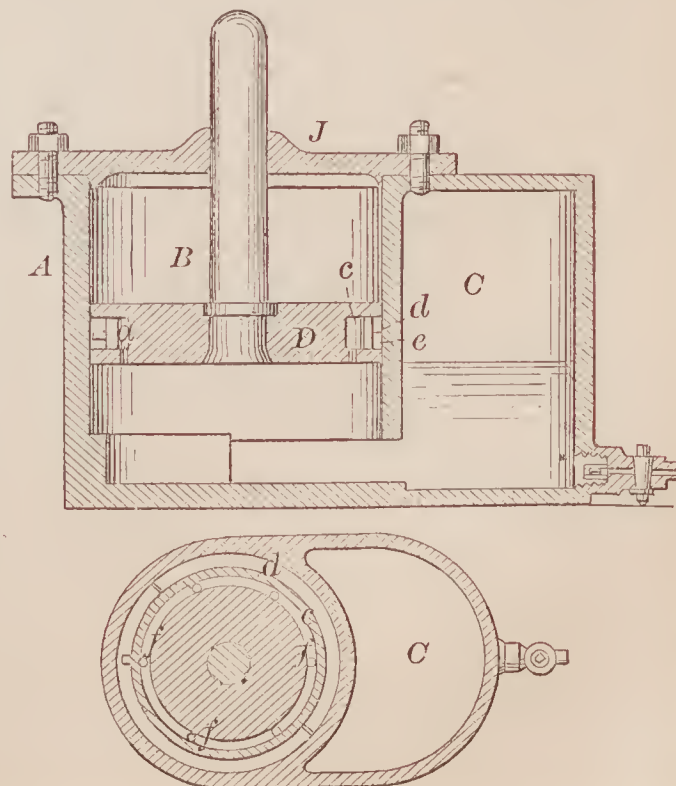
70175—A. Dawes—*Leather Splitting Machine.*



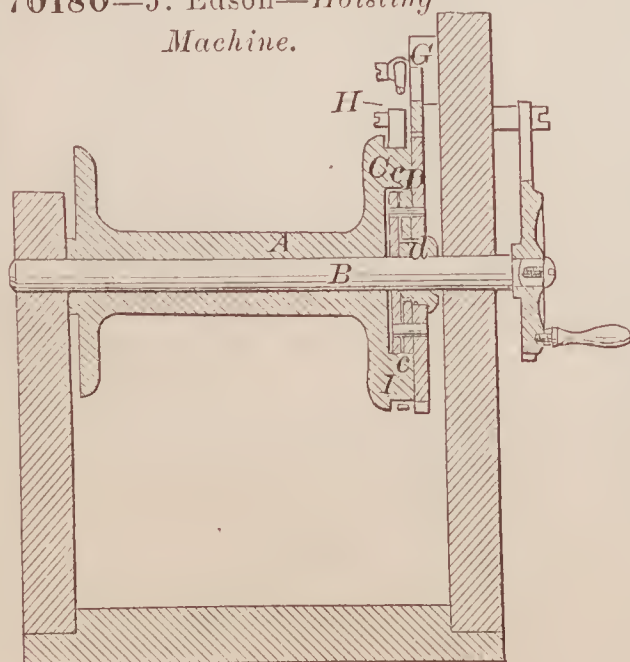
70179—D. A. Dunham—*Cradle.*



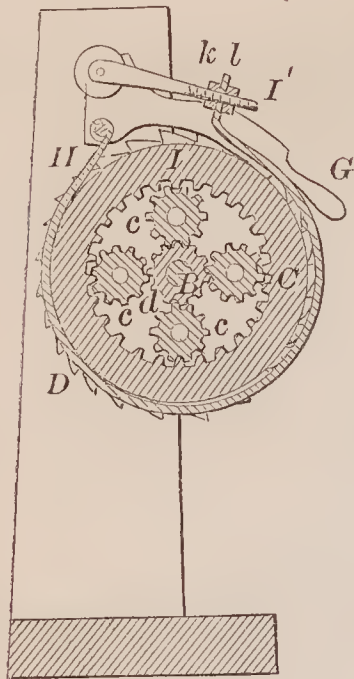
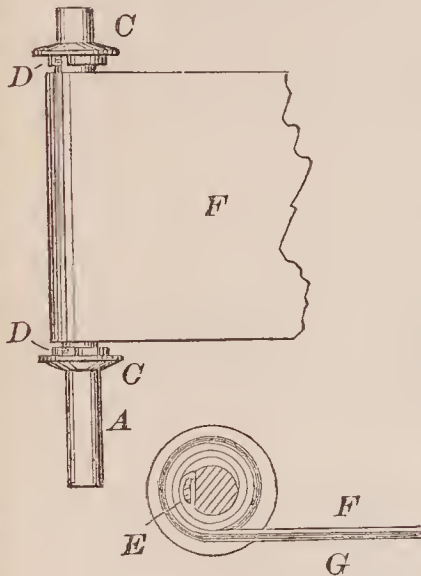
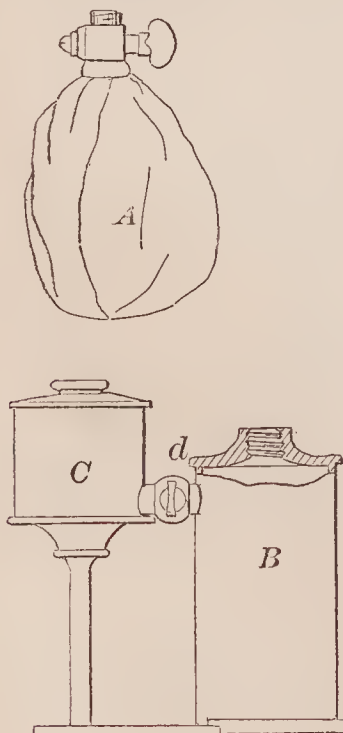
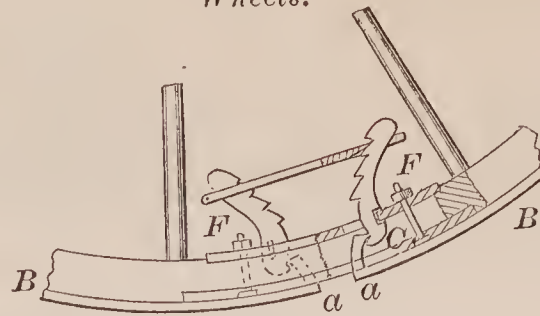
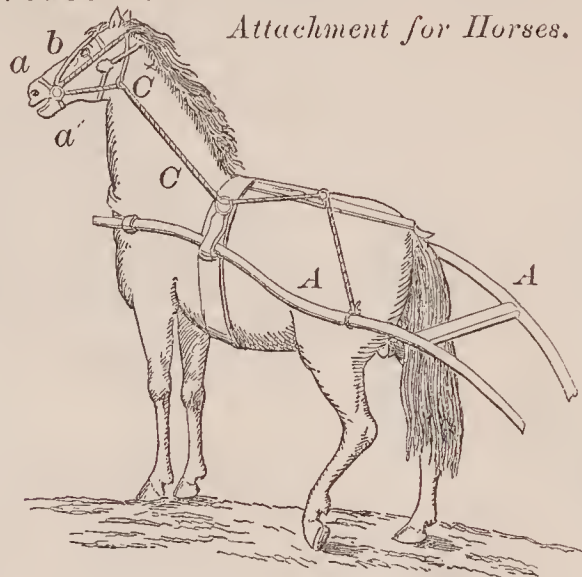
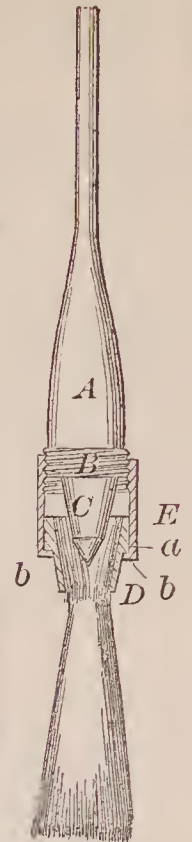
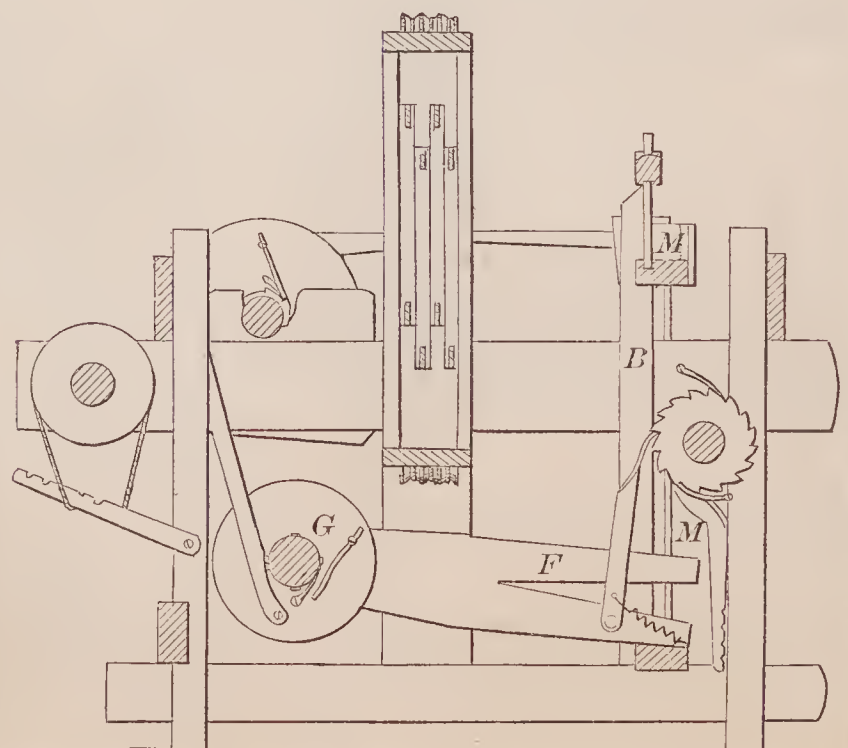
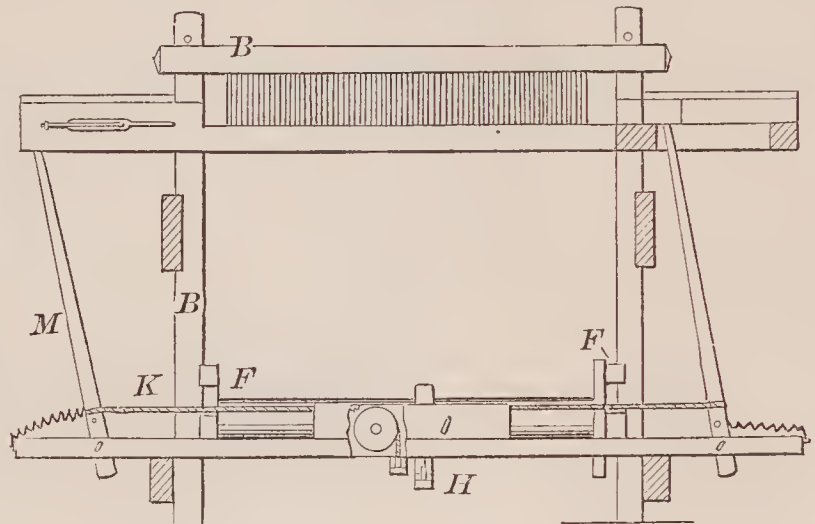
70177—W. A. Dripps—*Pneumatic Spring.*



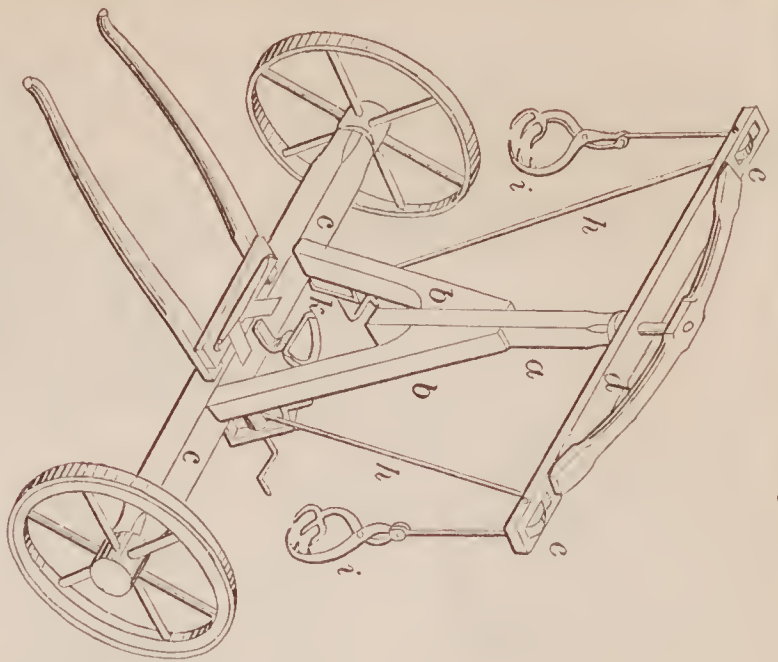
70180—J. Edson—*Hoisting Machine.*



70180—Continued.

70181—T. B. Emerson—*Clothes Wringer.*70184—M. Faloon—*Gas Generator.*70183—A. Fagerstrom—*Setting Tires on Wheels.*70185—O. H. P. Fancher—*Anti-Kicking Attachment for Horses.*70182—J. M. Estabrook—*Paint Brush.*70186—G. W. Friestone—*Hand Loom.*

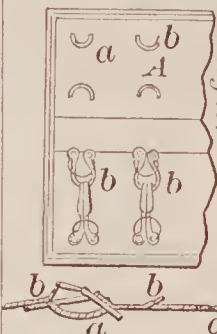
70189—Forshee & McClaud—Hay Stacker.



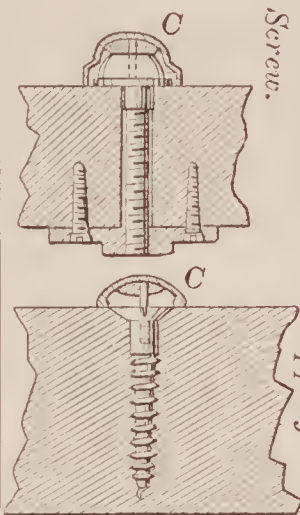
70191—L. Freed—Seat for Chamber Vessels



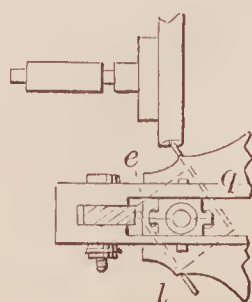
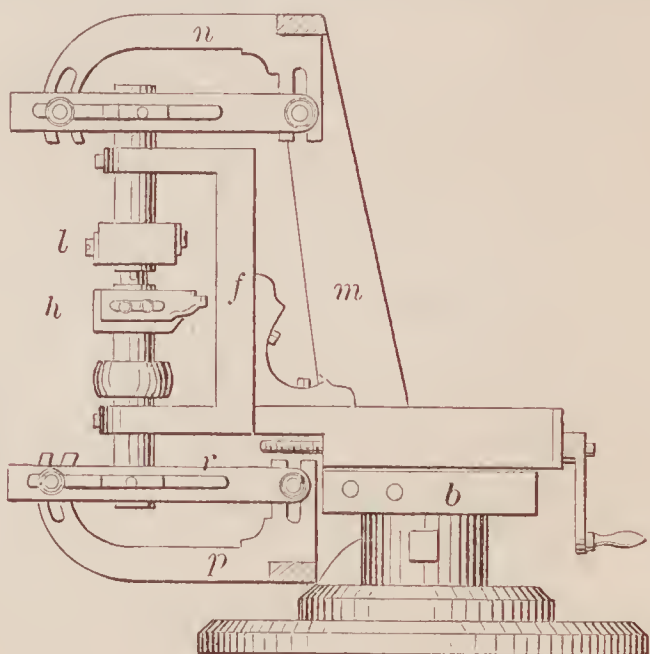
70190—M Fowler—Card for Hooks and Flyes.



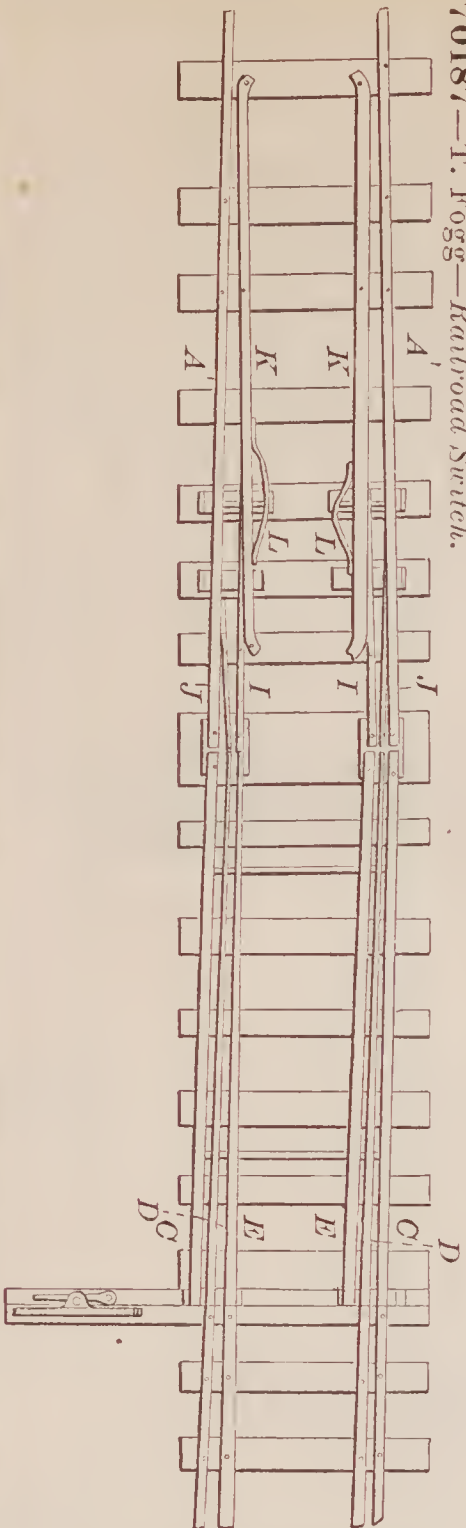
70193—J. Gardner—Capping Screw.



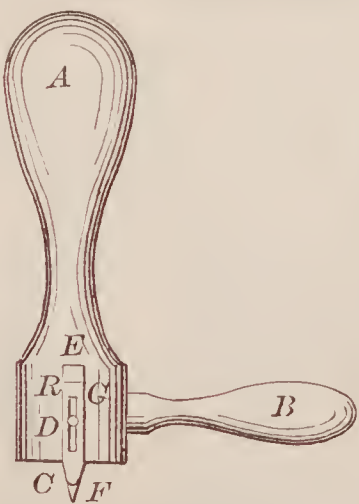
70192—T. F. Freeman—For Cutting Wood Gear.



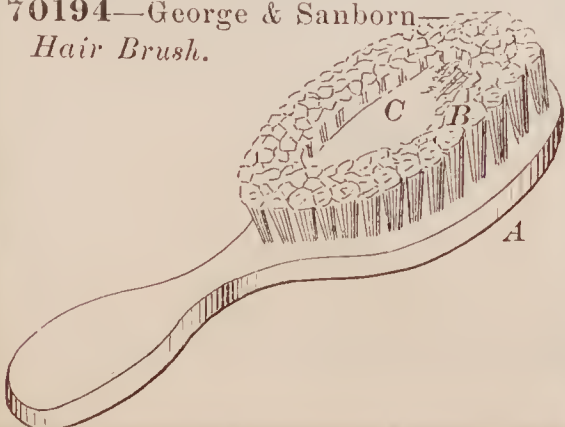
70187—T. Fogg—Railroad Switch.



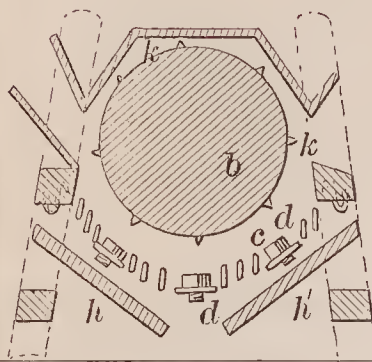
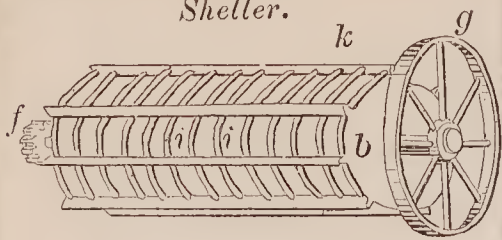
70188—W H Forker—For Opening Cans.



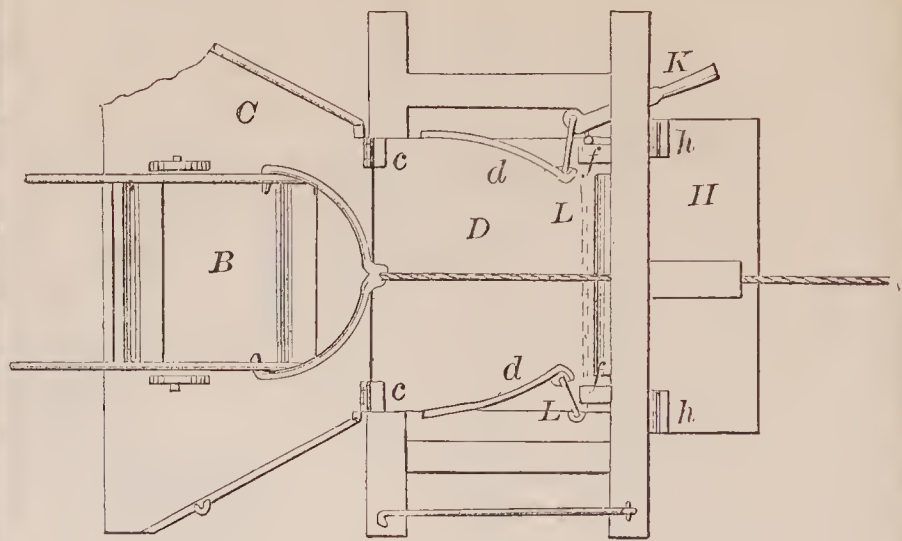
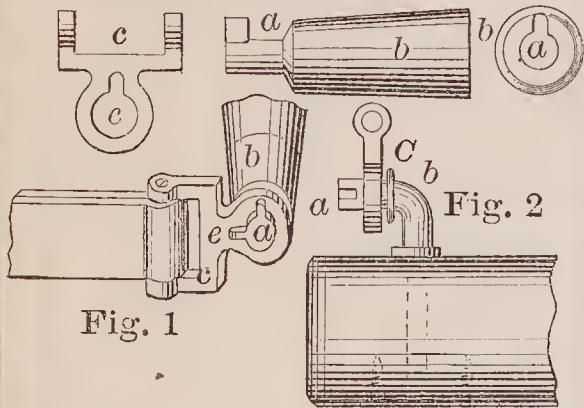
70194—George & Sanborn—Hair Brush.



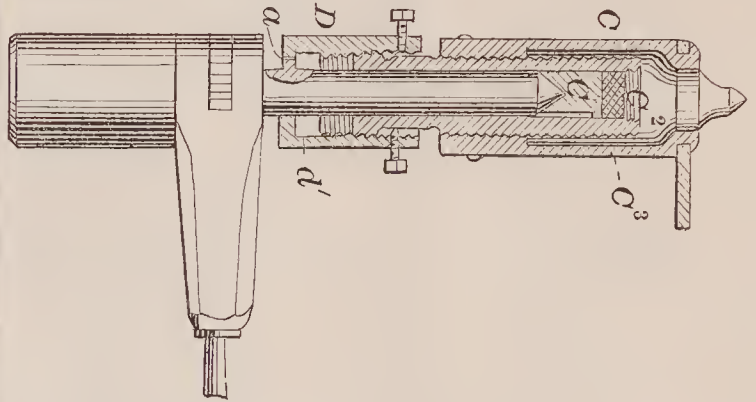
70195—G. Goewey—Corn Sheller.



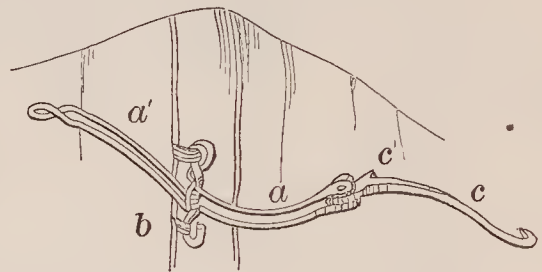
70196—W. Goff—Portable Dumping Machine.

70197—W. W. Gordon—Whiffletree
Fig. 5 Cock Eye. Fig. 4 Fig. 3

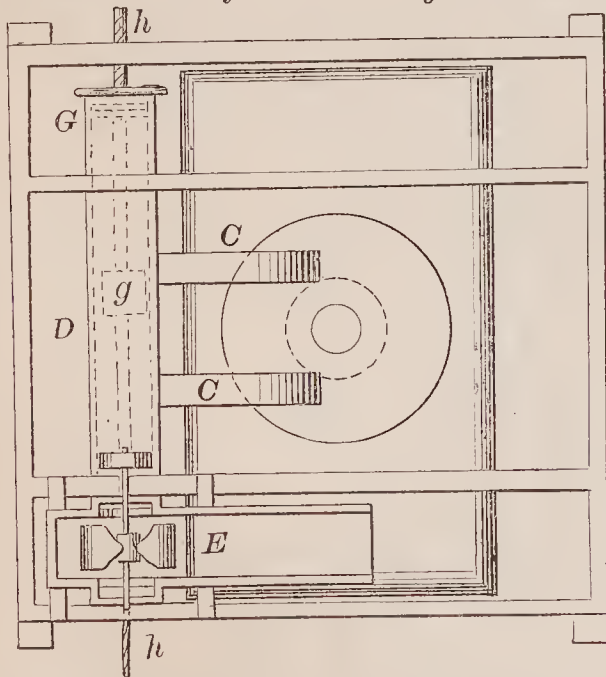
70199—J. Gray—Ratchet Drill.



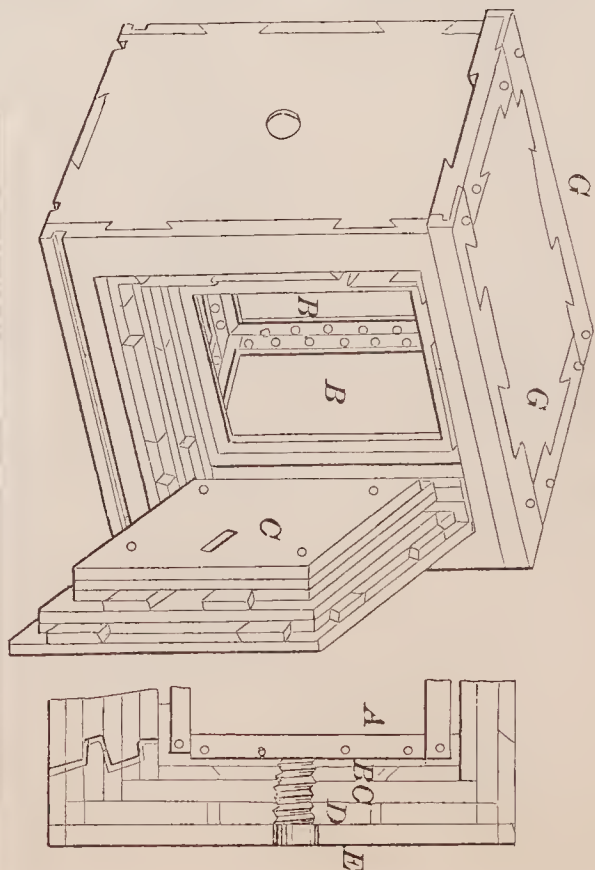
70201—J. Grimes—Bag Tie.



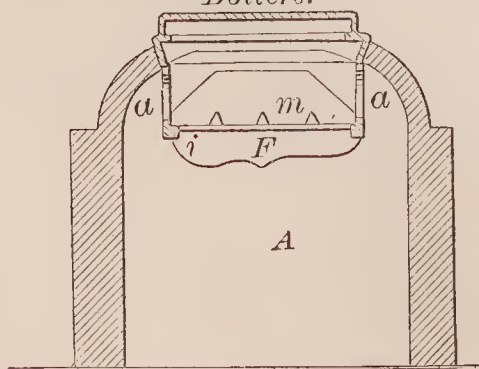
70198—J. Gray—Ventilating Mill Stones.



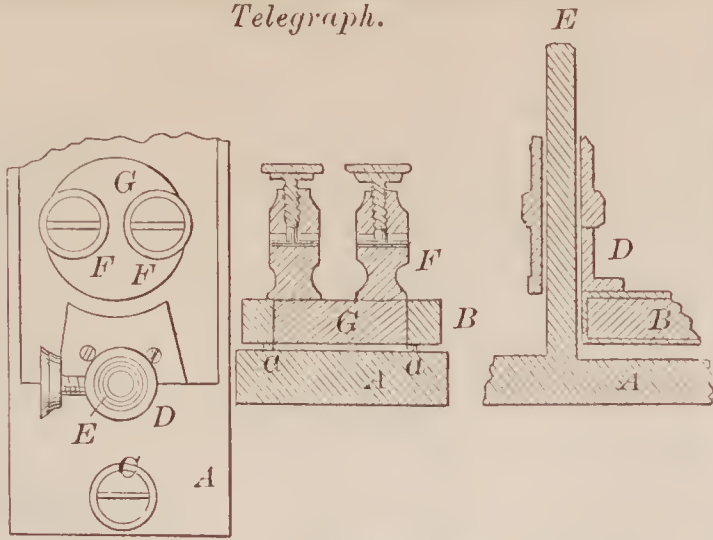
70202—J. L. Hall—Safe.



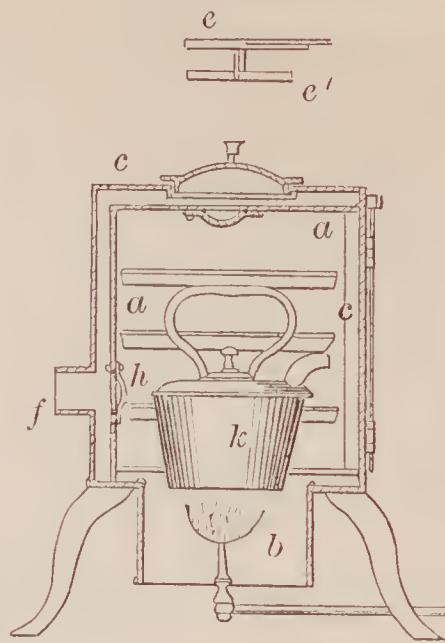
70200—J. Green—Furnace for Steam Boilers.



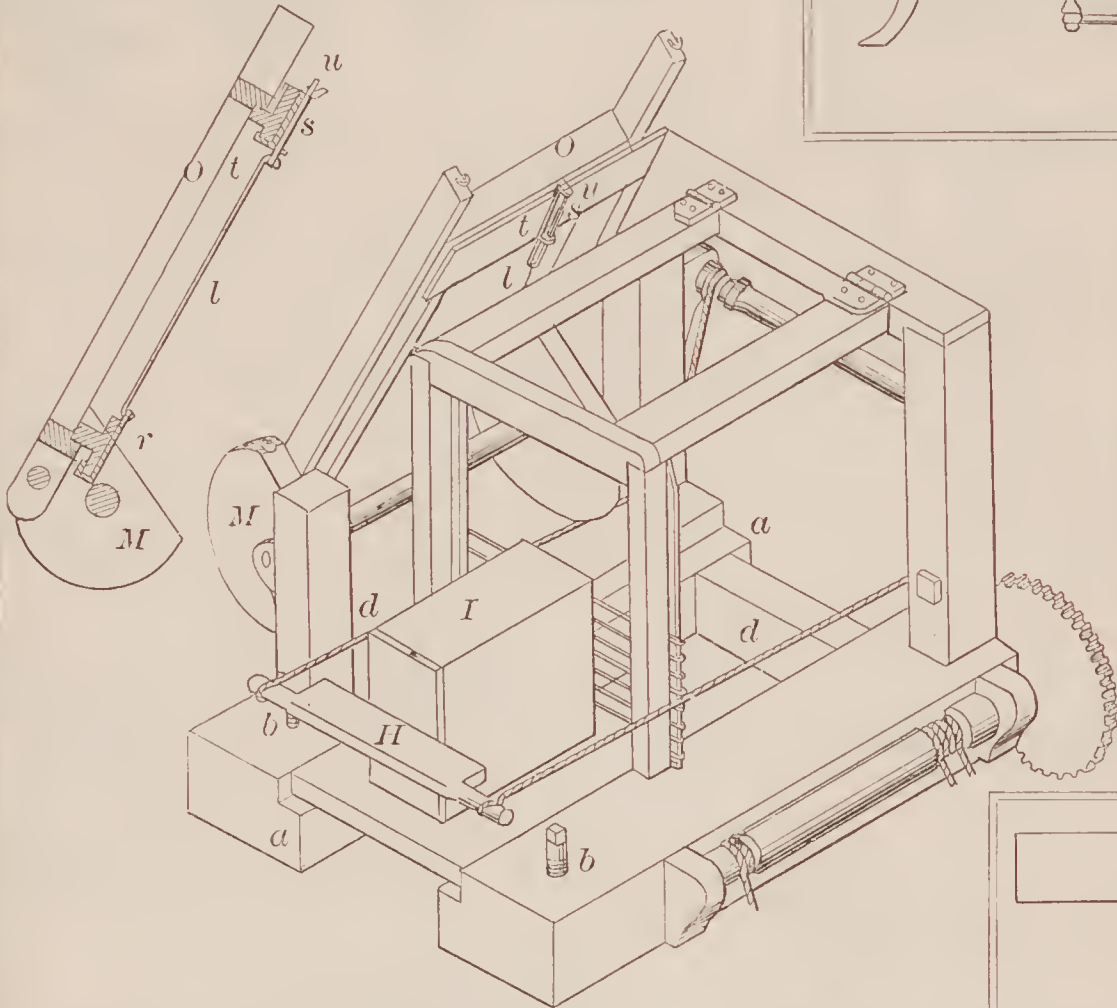
70203—W. H. Hall—*Lightning Arrester for Telegraph.*



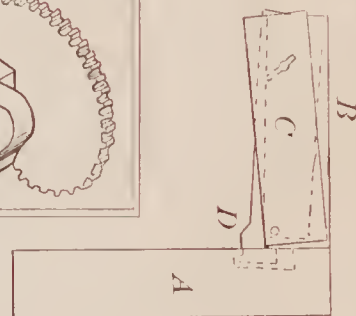
70207—D. G. Haskins—*Gas Cooking Apparatus.*



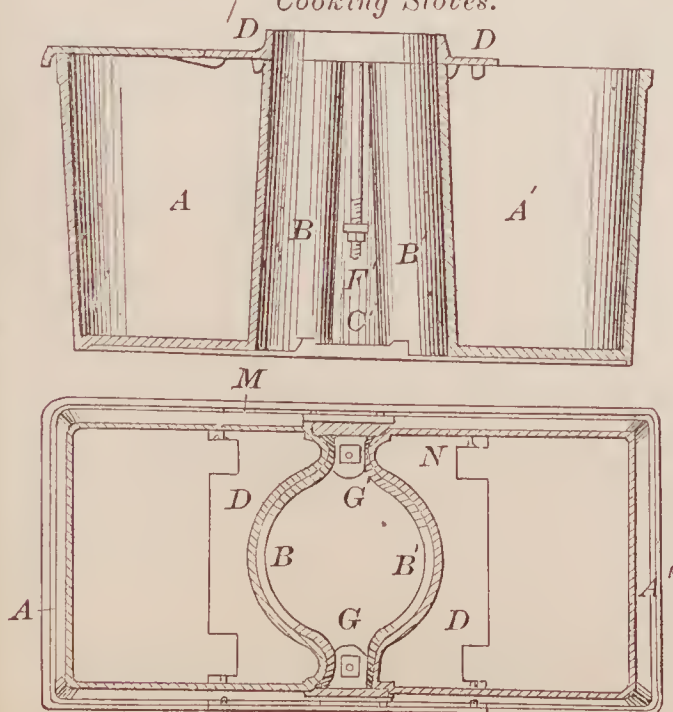
70205—C. H. Hardy—*For Cutting Soap.*



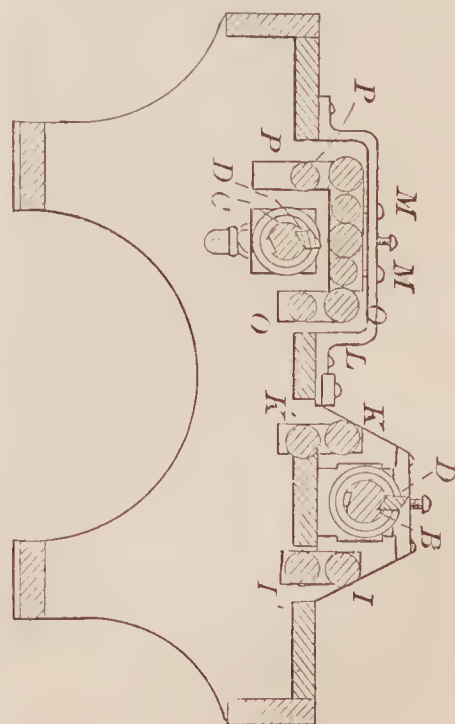
70204—N. Hamblin—*Try Square.*

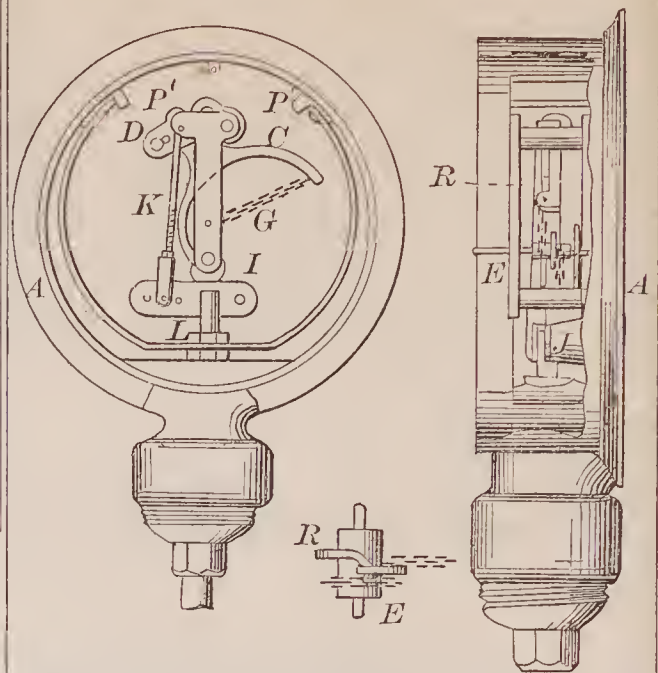
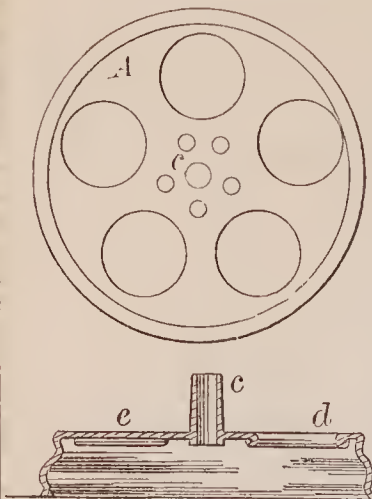
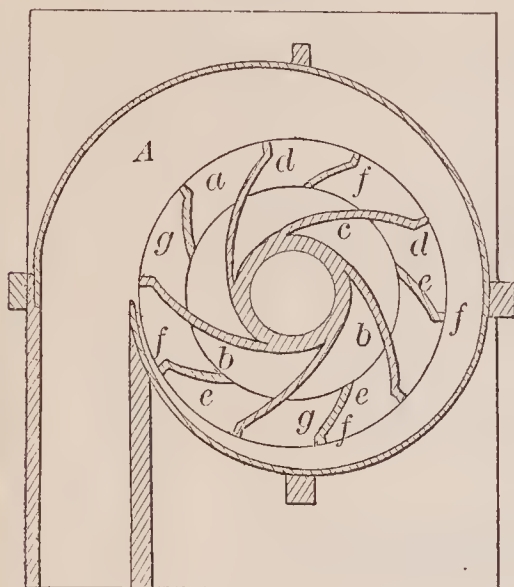
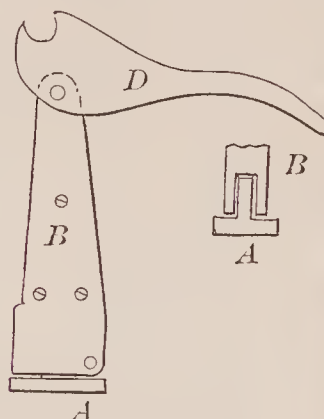
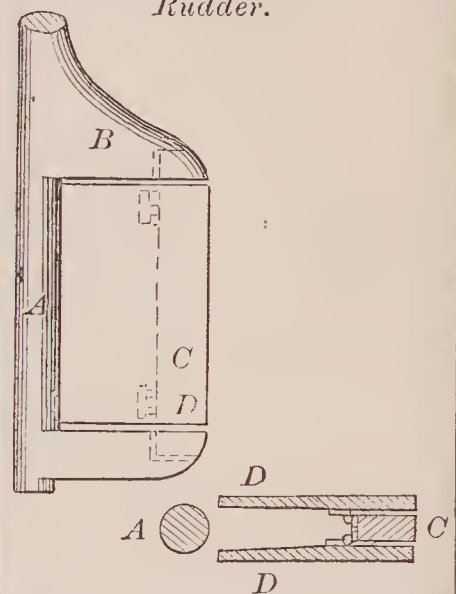
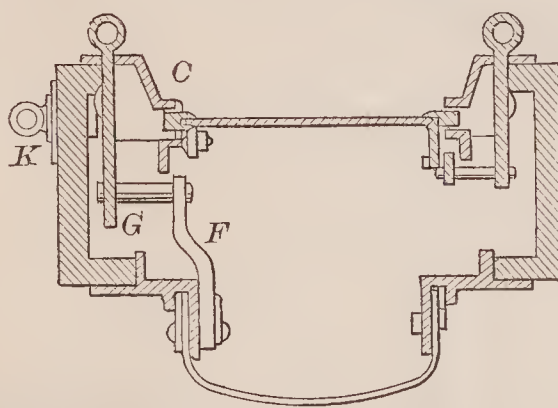
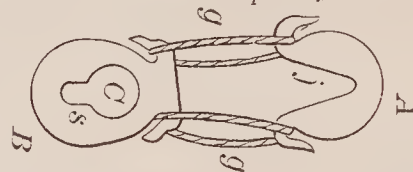
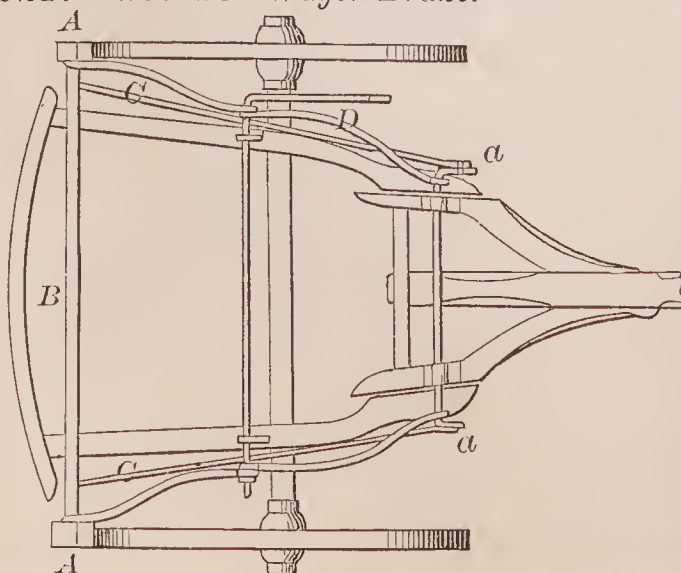


70206—Harris & Zoiner—*Water Reservoir for Cooking Stoves.*

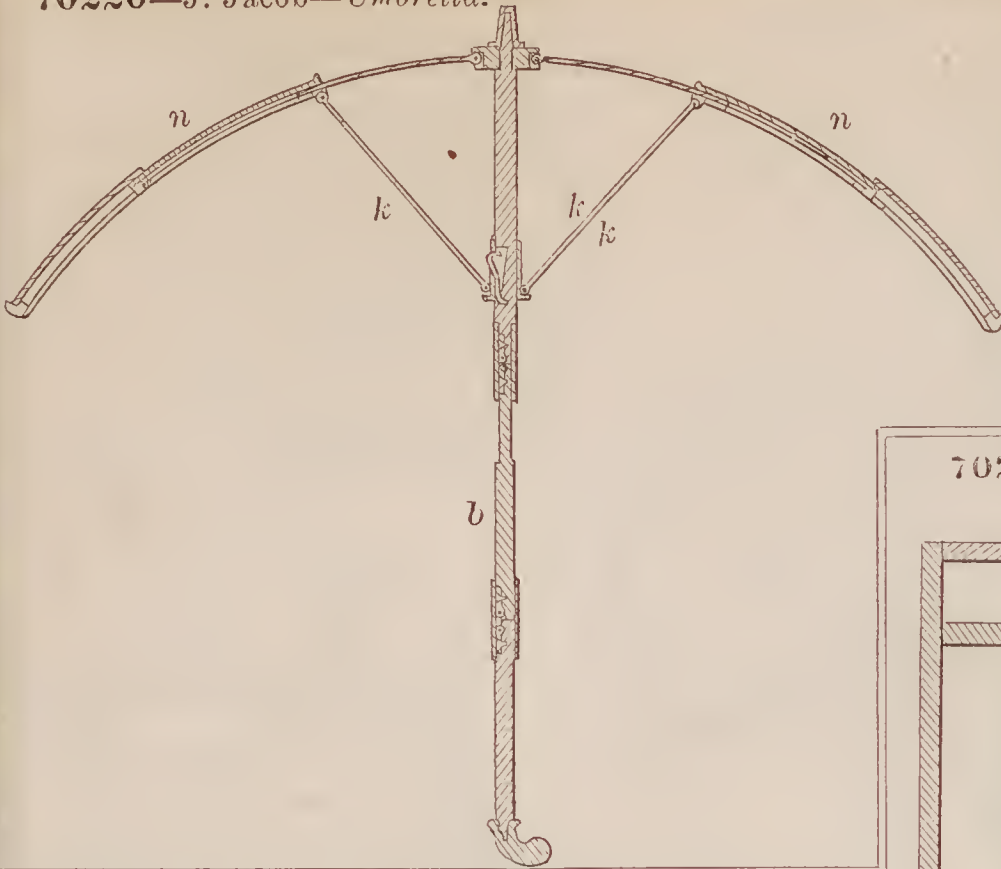


70208—W. D. Hatch—*Planing Machine.*



70213—J. P. Holt—*Steam Gauge.*70212—A. J. Hindermeyer—*Piling, Heating and Flaring Fayot for Railroad Rails.*70209—W. E. Hawkins—*Cruet Caster.*70211—G. W. Herring—*Water Wheel.*70214—C. Holmes—*Lifting Jack.*70216—D. W. Howard—*Rudder.*70216—J. L. Howard—*Railroad Car Ventilator.*70218—H. Humphrey—*Button Fastening.*70217—W. Hull—*Wagon Brake.*70219—W. Humphreys—*Buggy Spring.*

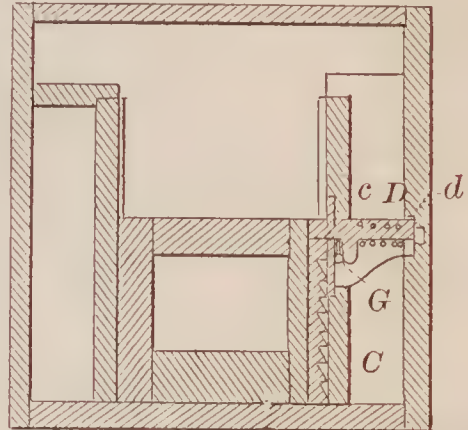
70220—J. Jacob—*Umbrella.*



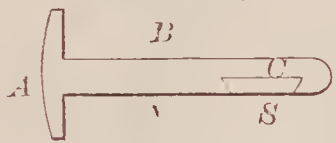
70226—G. L. Kelty—*Window Shade Material.*



70221—Jelley & Gowell—*Sash Fastener.*



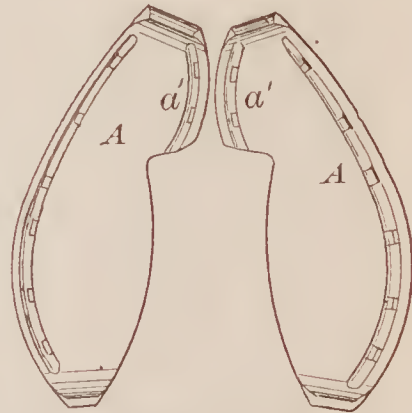
70223—S. E. Jewett—*Joint Bolt.*



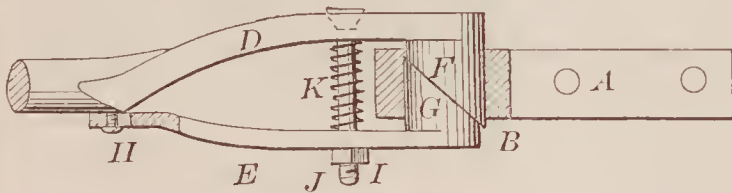
70222—J. G. Jewell—*Window Sash Stop.*



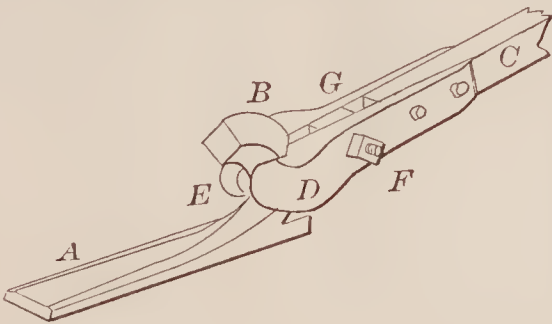
70227—H. Lake—*Ox Shoe.*



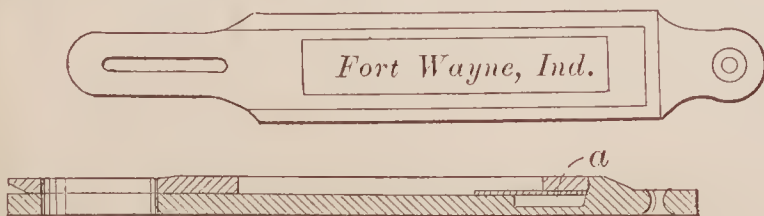
70224—W. J. Keeney—*Pitman Coupling.*



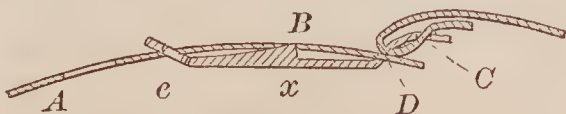
70225—W. J. Keeney—*Pitman Coupling.*



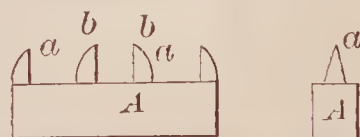
70228—G. A. Lamb—*Label Holder for Mail Bags.*



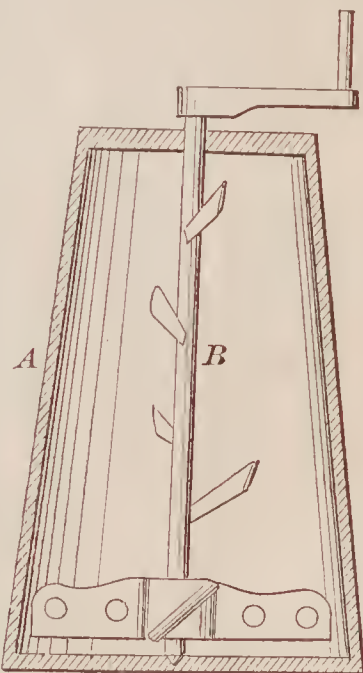
70230—R. H. Lecky—*Cotton Bale Tie.*

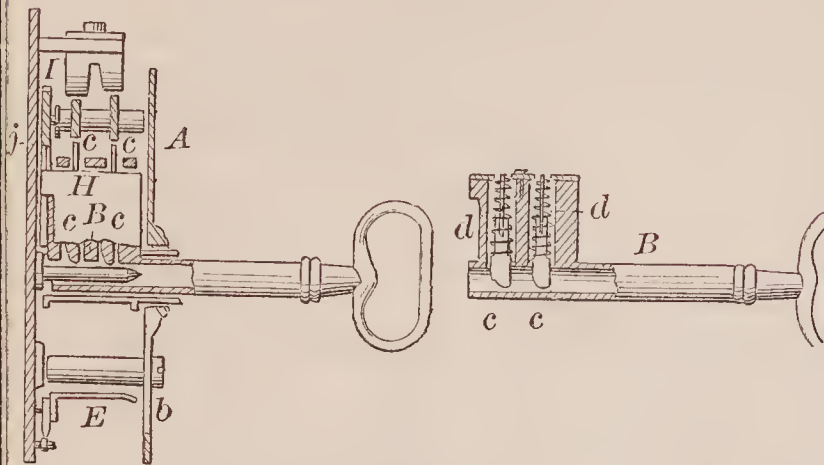
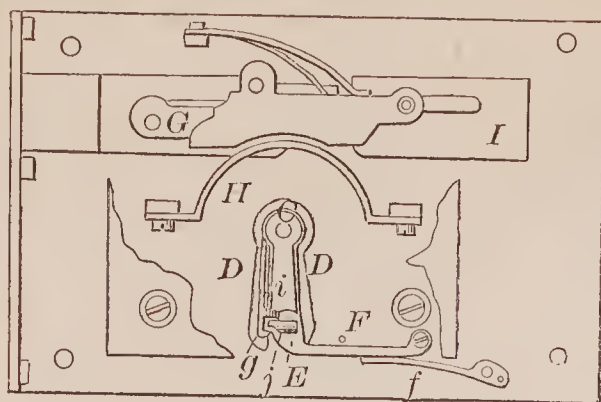
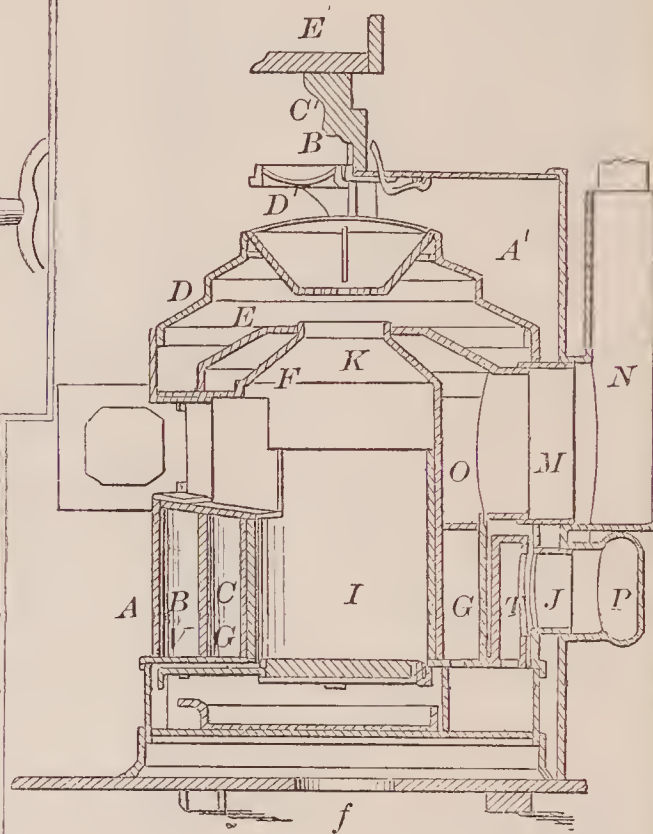
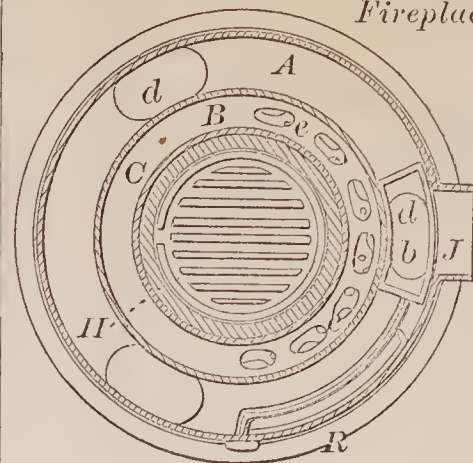
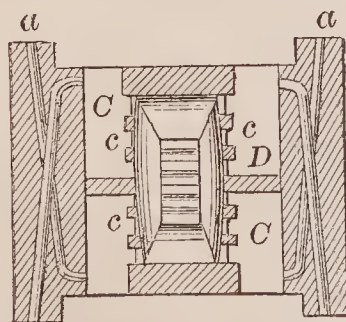
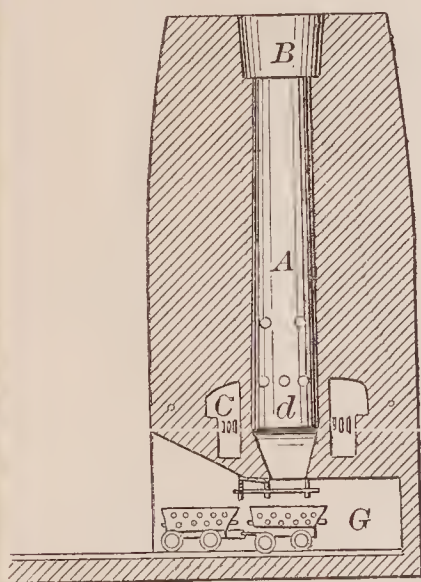
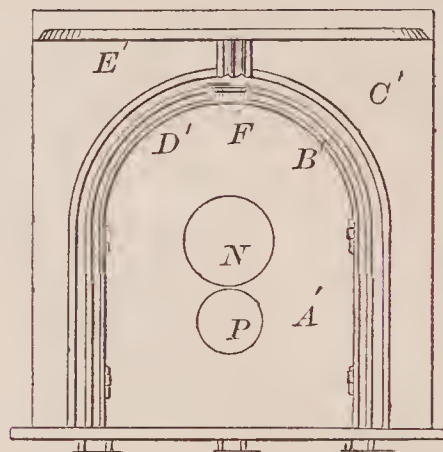
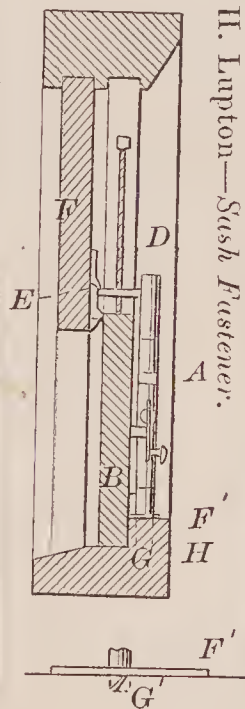
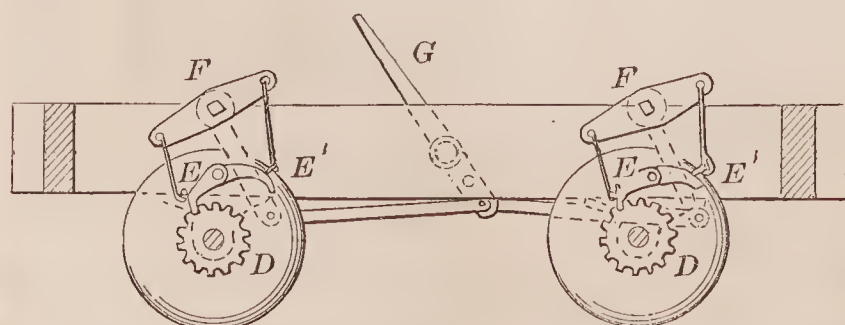
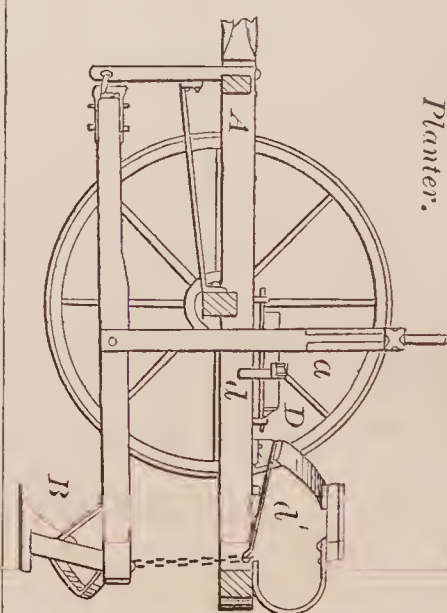


70231—G. W. Lewis—*Horse Shoe.*

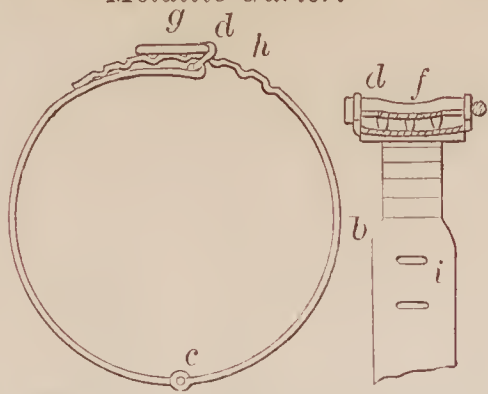


70229—J. Leaken—*Churn Dasher.*

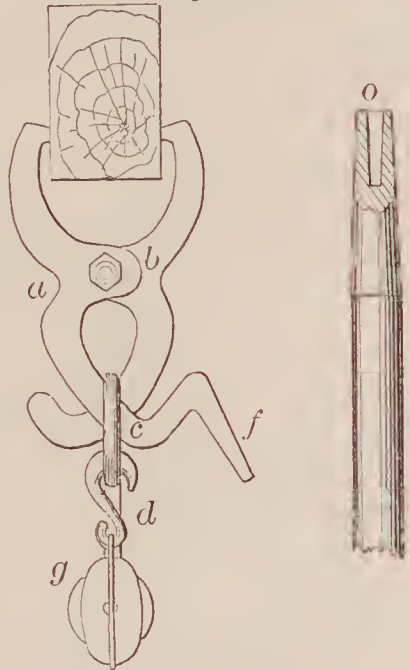


70232—R. Lewis—*Safe Lock.*70233—J. Liddle—*Furnace for Fireplaces.*70234—J. L. Livingston—*Lime Kiln.*70236—G. H. Lupton—*Sash Fastener.*70235—A. Z. Long—*Car Brake.*70237—J. D. Marshall—*Plow and Planter.*

70238—McCoy & Wheeler—
Metallic Garter.



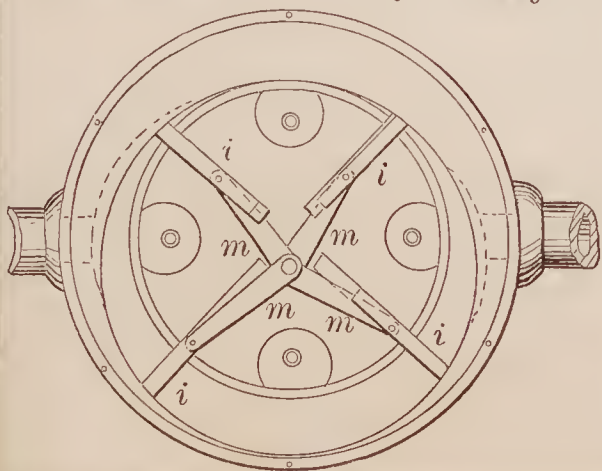
70239—G. D. Melotte—Clutch
for Hay Forks.



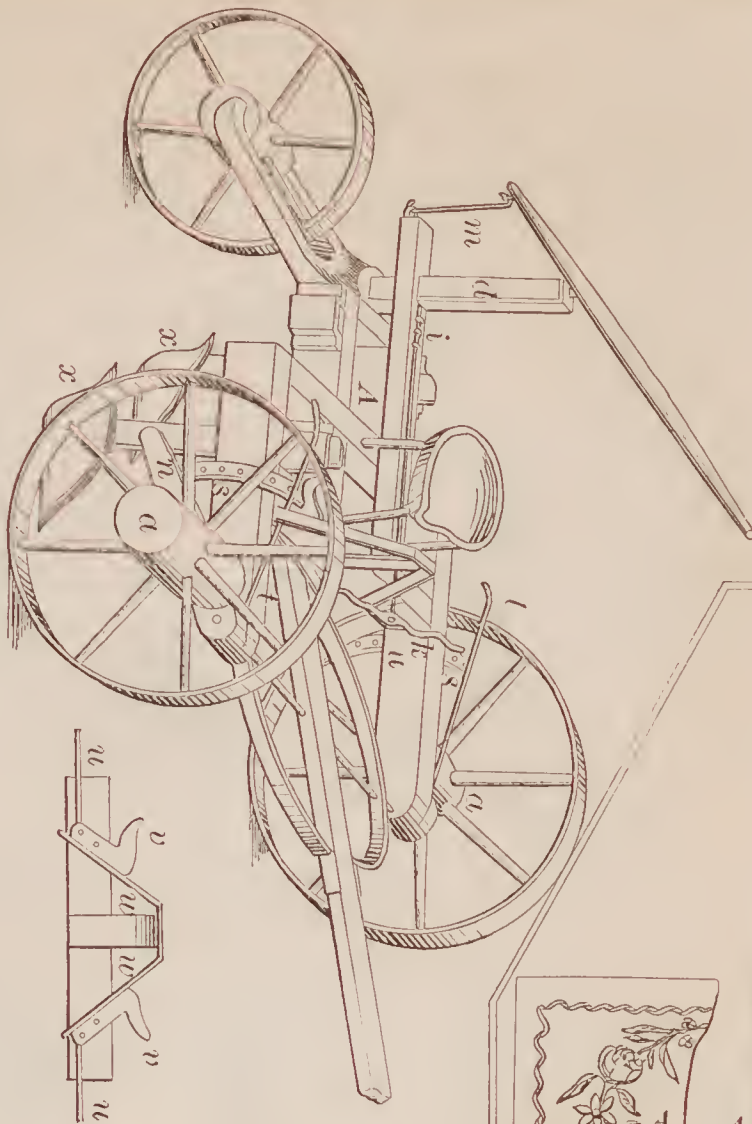
70241—W. Money—Fastening for
Umbrella Runners.



70242—Moore & Emery—Rotary Meter.



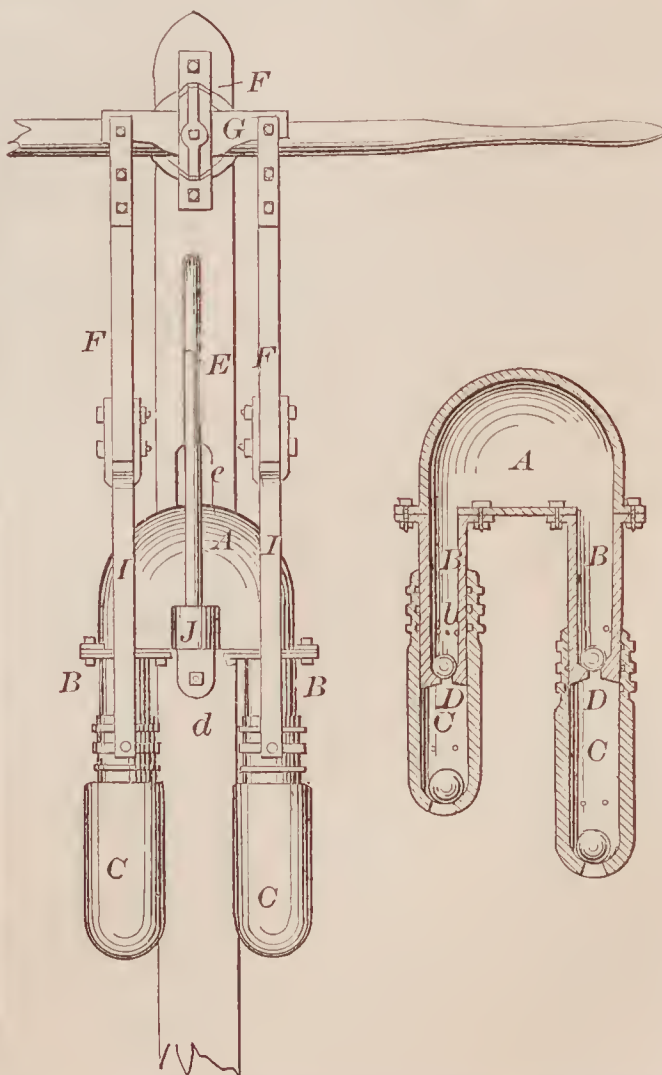
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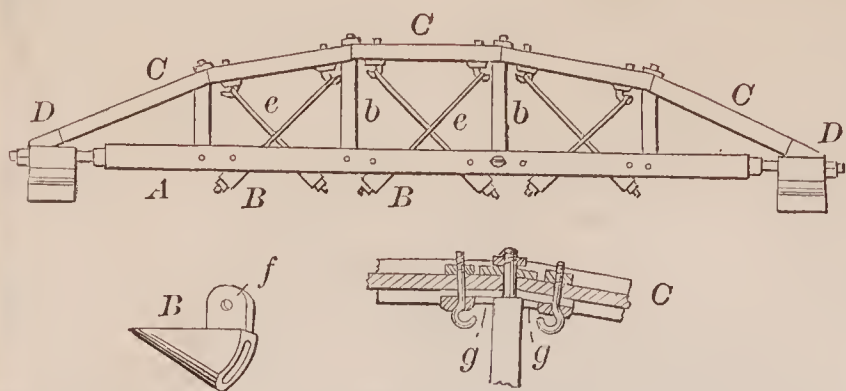
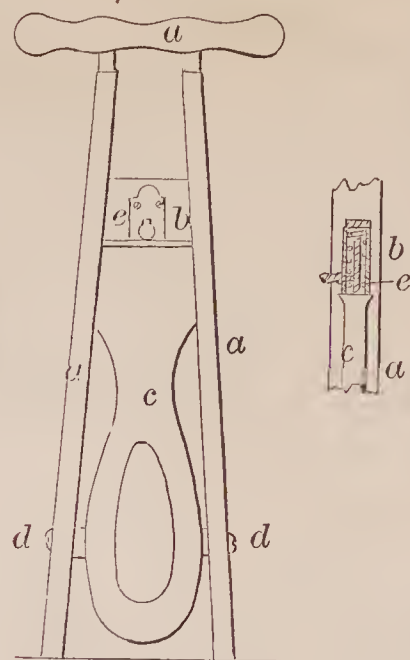
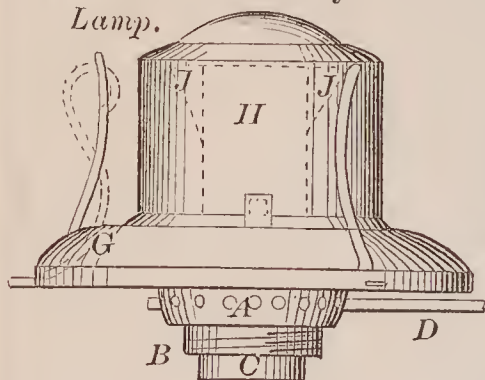
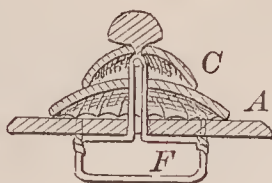
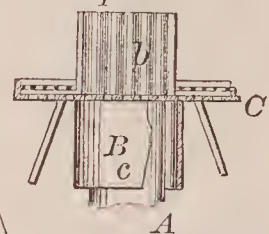
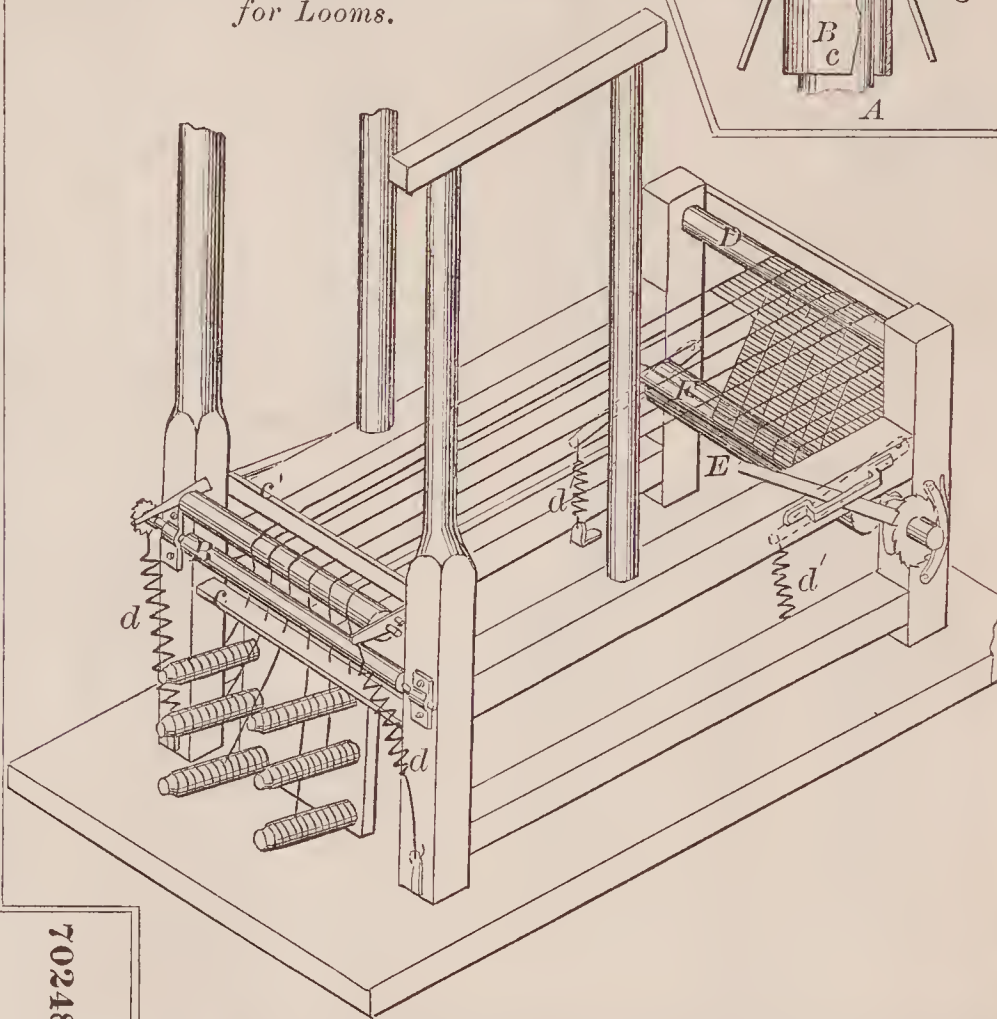
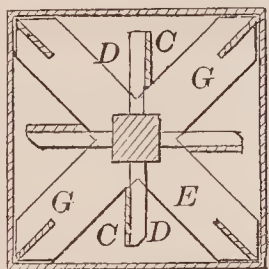
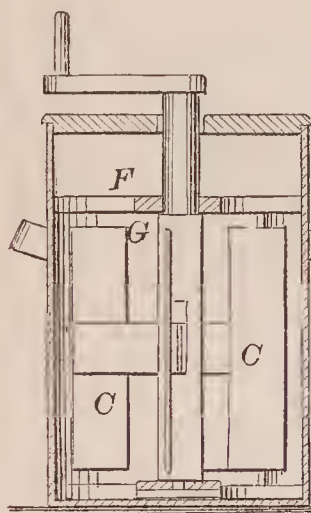
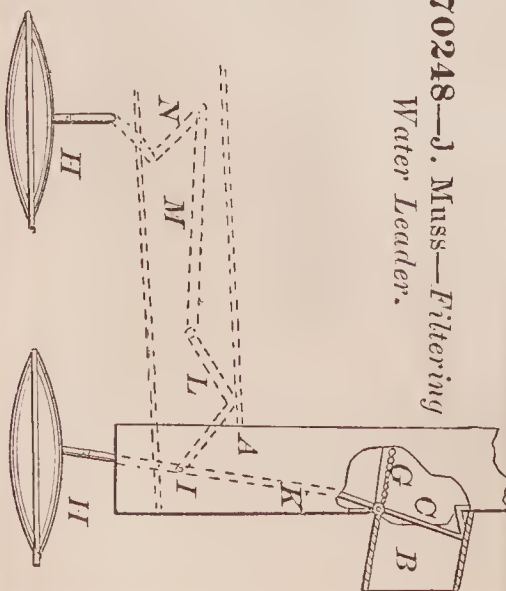
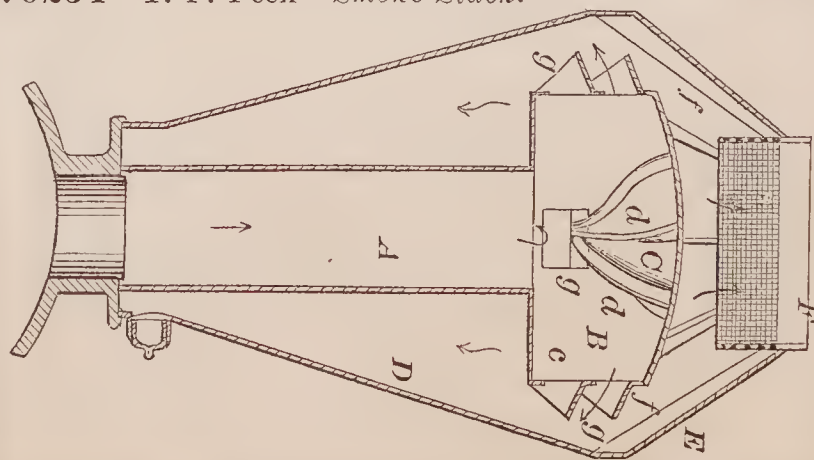


70240—J. C. Millward—Ornamenting Glass.

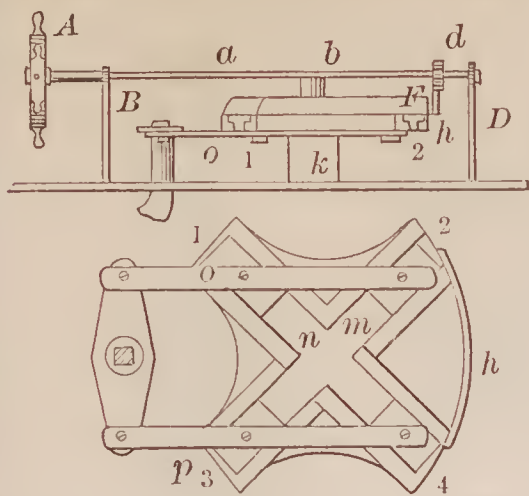


70244—J. A. Morrell—Pump.

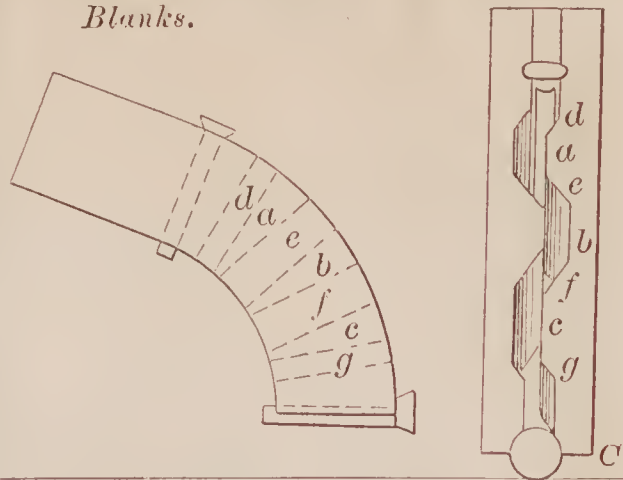


70245—D. H. Morrison—*Iron Bridge.*70246—J. G. Moulton—*Boot Jack.*70247—W. Mullally—*Lamp.*70251—W. F. Niles—*Rosette for Bridles.*70252—G. K. Osborn—*Lamp Burner.*70253—F. Painter—*Tension Regulator for Looms.*70249—W. Newberry—*Churn.*70248—J. Muns—*Filtering Water Leader.*70254—T. P. Peck—*Smoke Stack.*

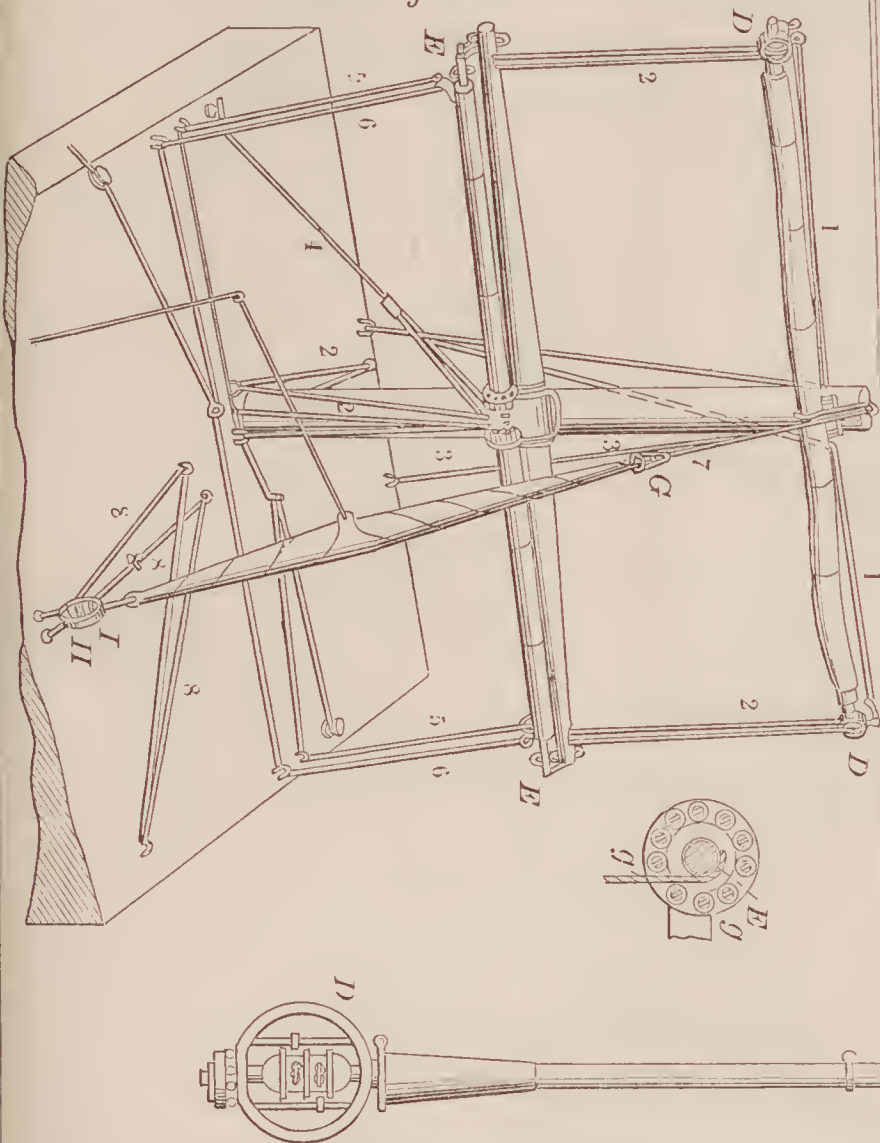
70255—J. Perkins—*Steering Apparatus.*



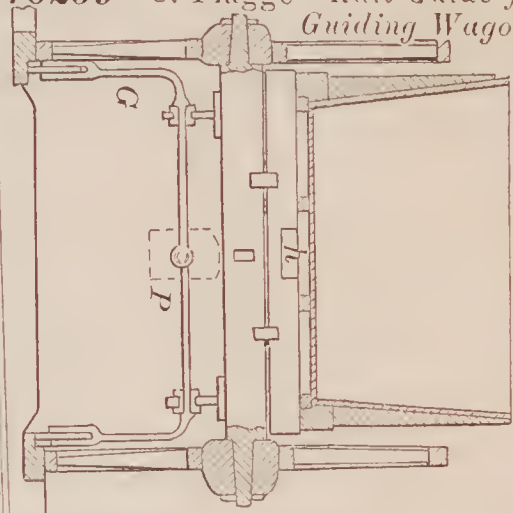
70257—E. S. Pierce—*For Feeding Screw Blanks.*



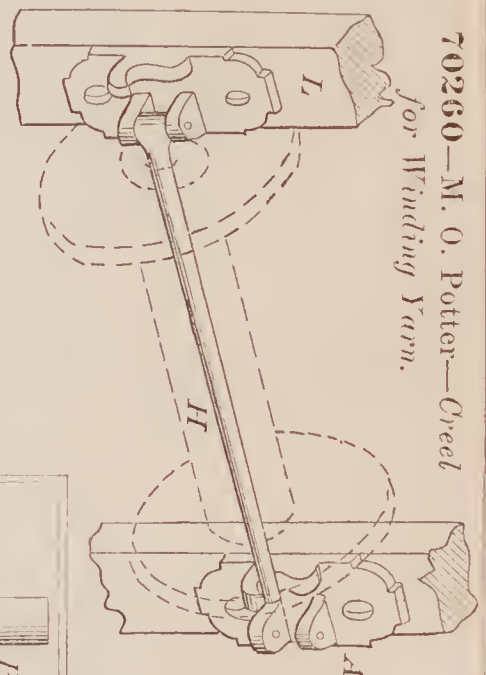
70256—C. Peterson—*For Setting, Reefing and Furling Sails.*



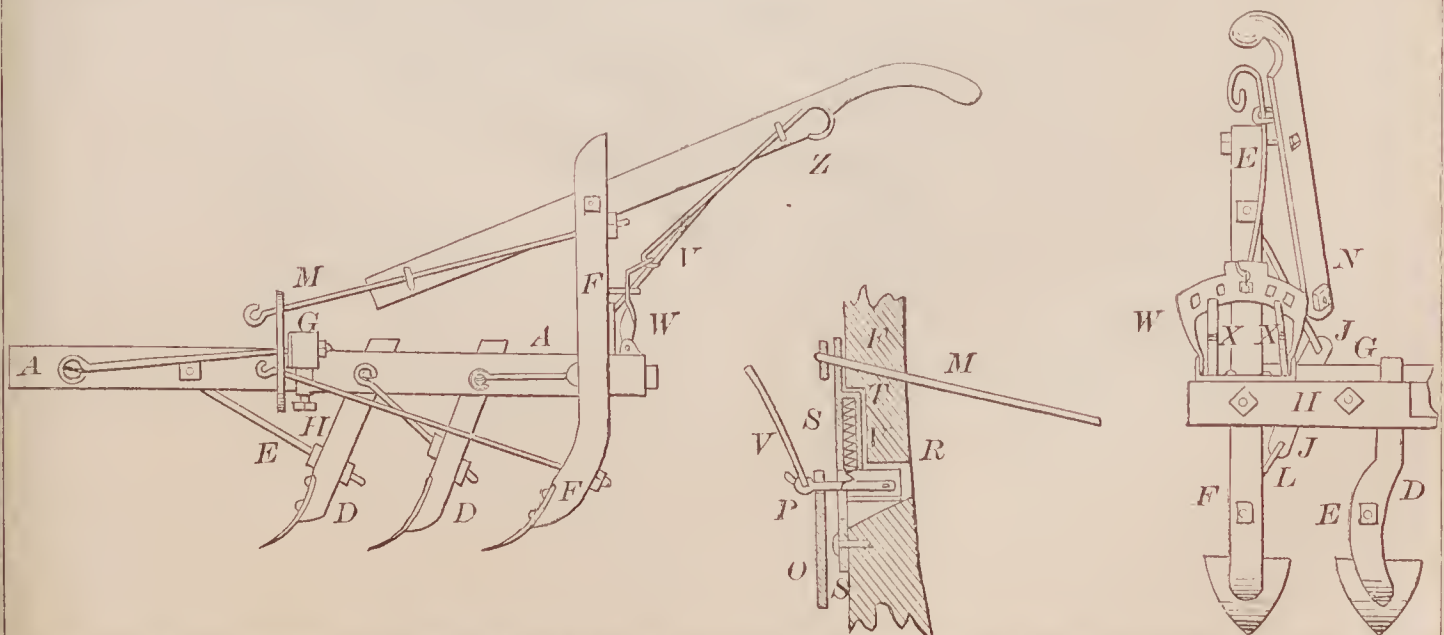
70259—C. Plagge—*Rail Guide for Guiding Wagons.*



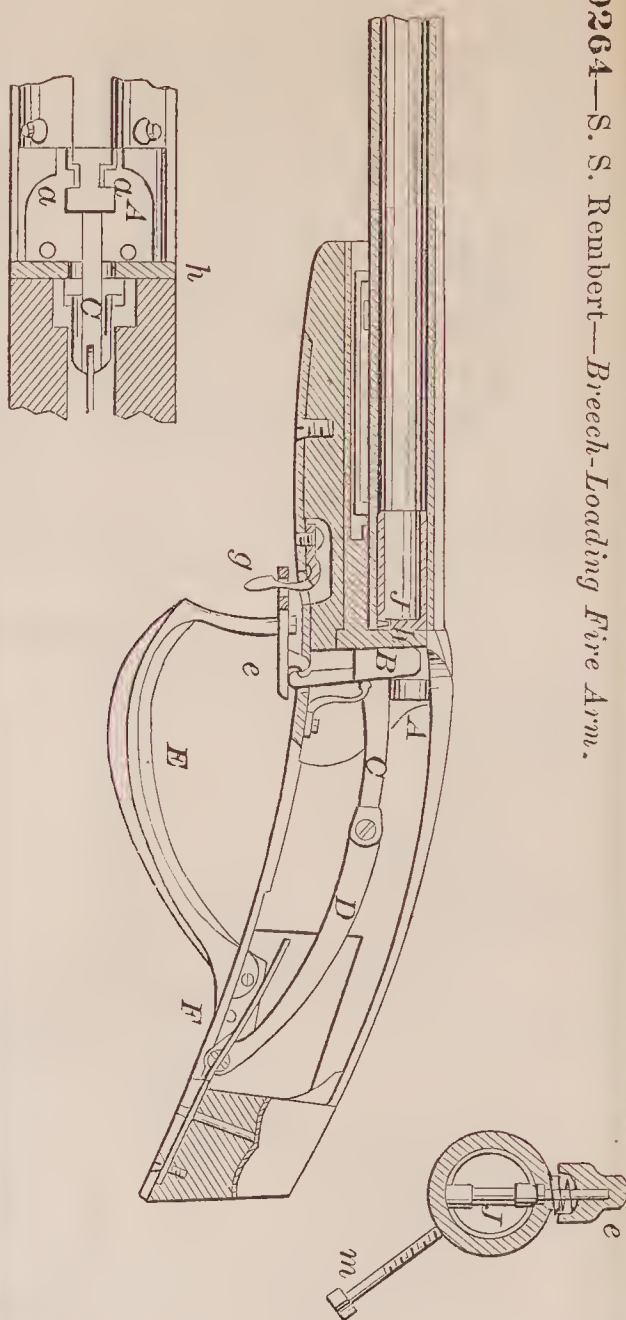
70260—M. O. Potter—*Creel for Winding Yarn.*



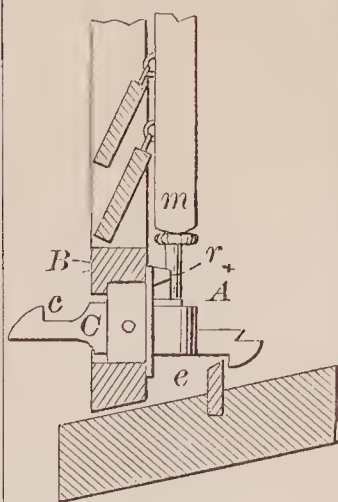
70258—E. W. Pike—*Cultivator.*



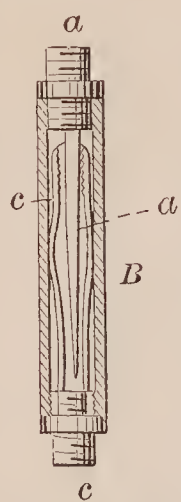
70264—S. S. Rembert—Breech-Loading Fire Arm.



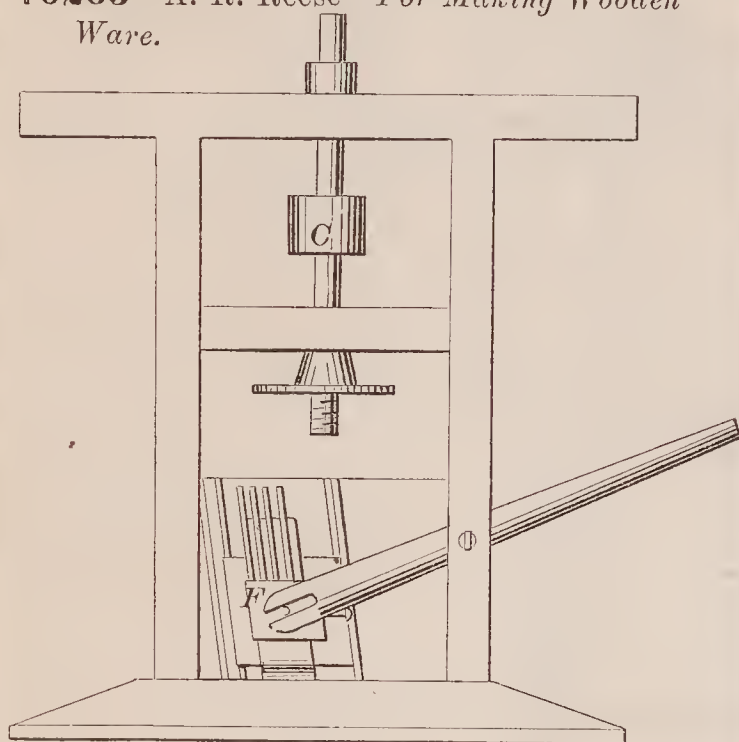
70262—F. Raymond—Shutter Catch.



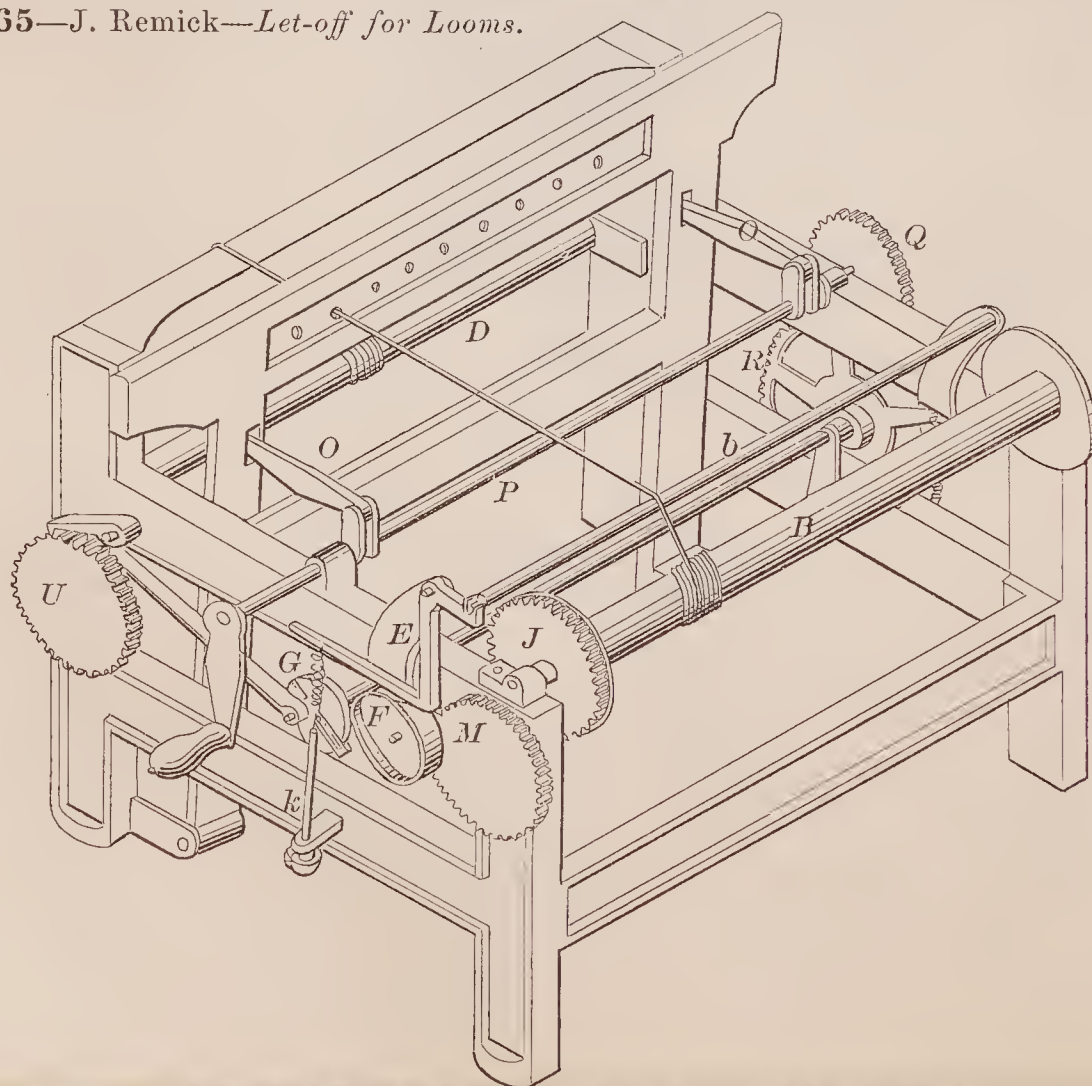
70261—W. Quail—Case for Bodkin and Tweezers.



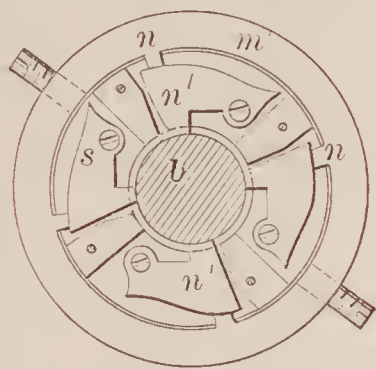
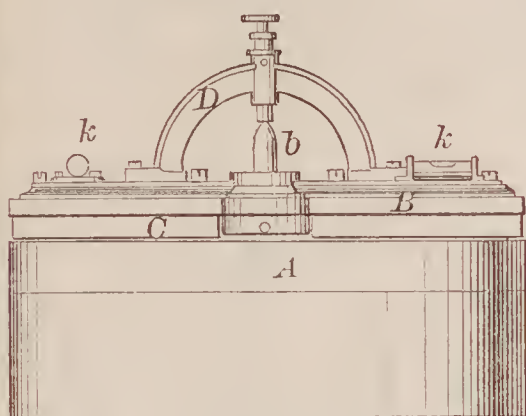
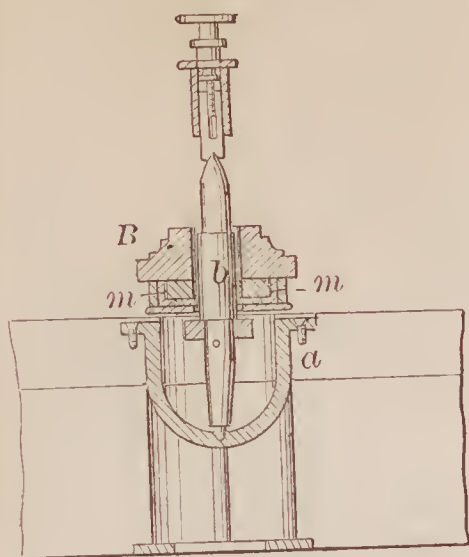
70263—A. R. Reese—For Making Wooden Ware.



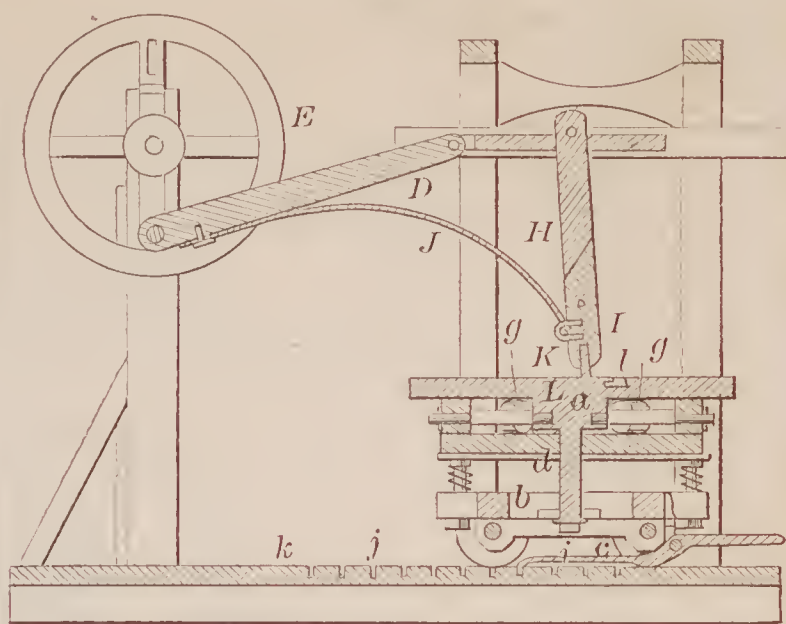
70265—J. Remick—Let-off for Looms.



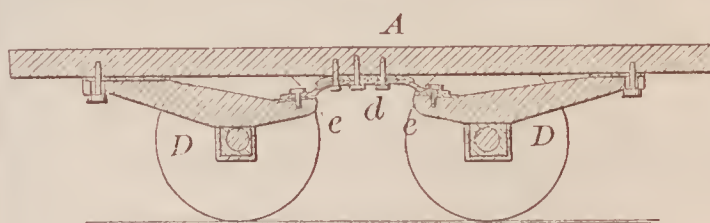
70266—W. Ring—*Tram Staff
for Grinding Mills.*



70268—Roberts & Lennox—*For Beaming Hides or
Skins.*



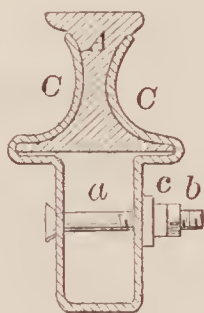
70269—D. T. Robinson—*Railway Car.*



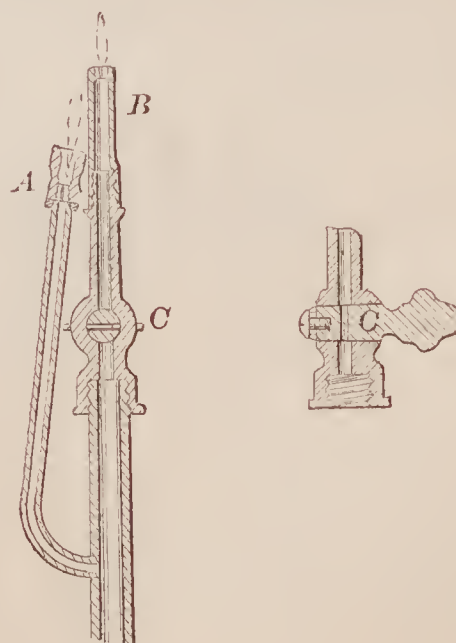
70270—Rogers & Wilkins—Holding
Bristles in Brush Stocks.



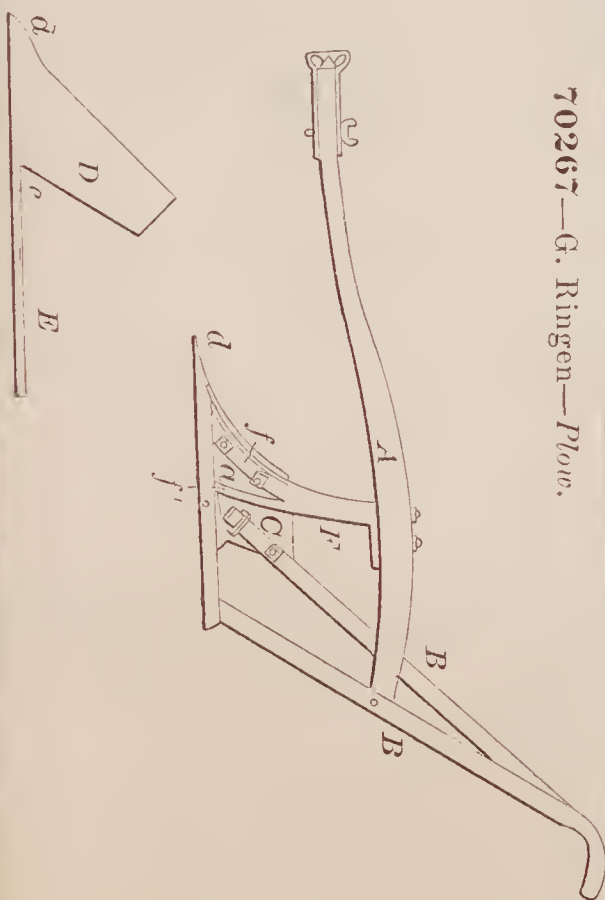
70271—B. J. Romaine—*Baird*
Chair.



70272—E. P. Russell—*Lighting Street Gas Burners.*



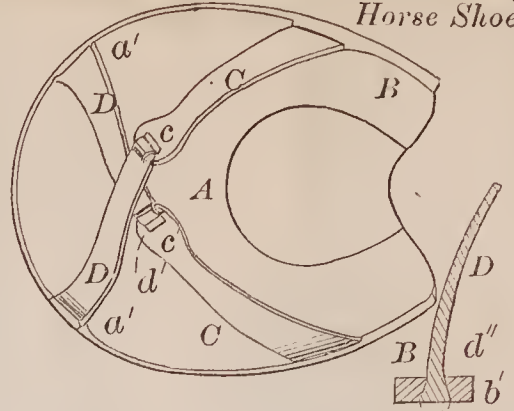
70267—G. Ringen—*Plow*.



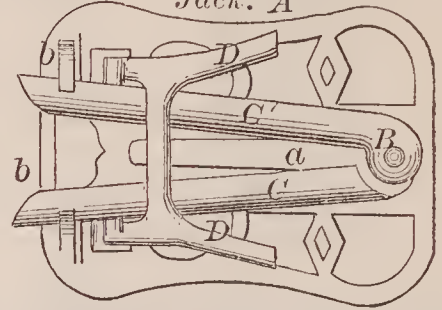


70273—S. Schofield—Braiding Machine Carrier.

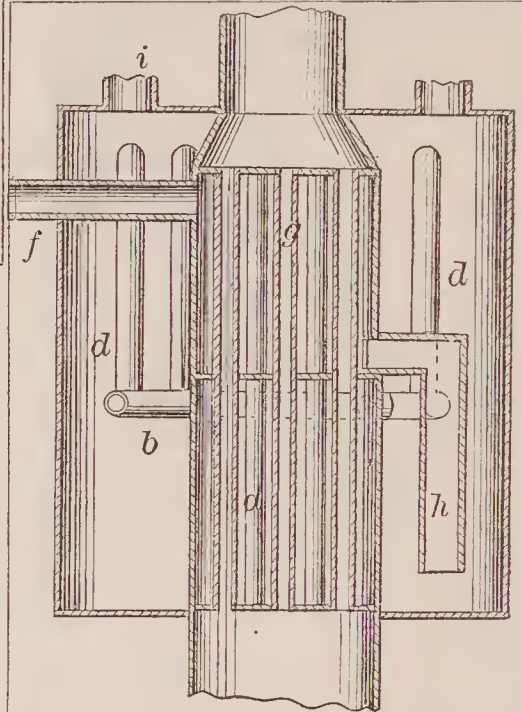
70274—H. Schreiner—Attaching Horse Shoes.



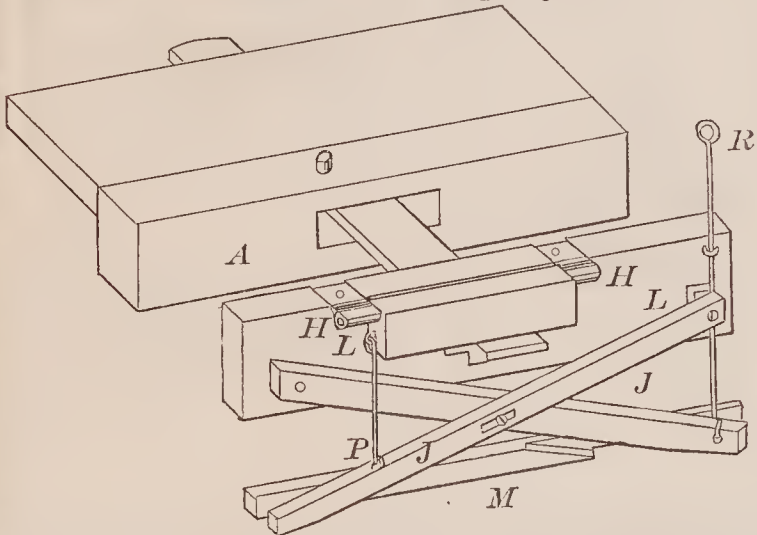
70275—A. P. Seymour, Jr.—Boot Jack. A



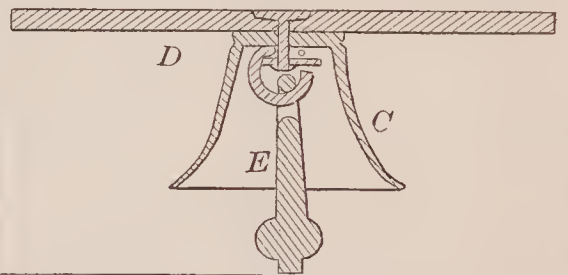
70276—T. Shipton—Heater.



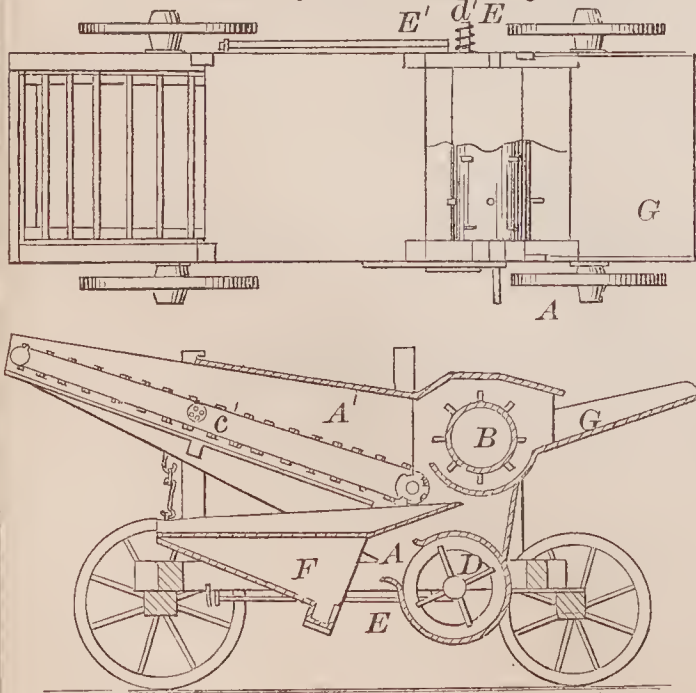
70279—J. L. Smith—Car Coupling.



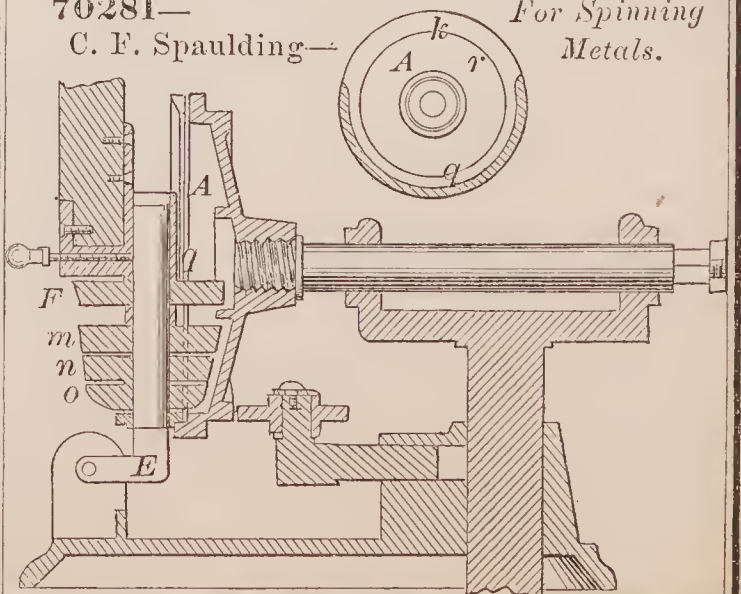
70278—H. K. Smith—Sleigh Bell.



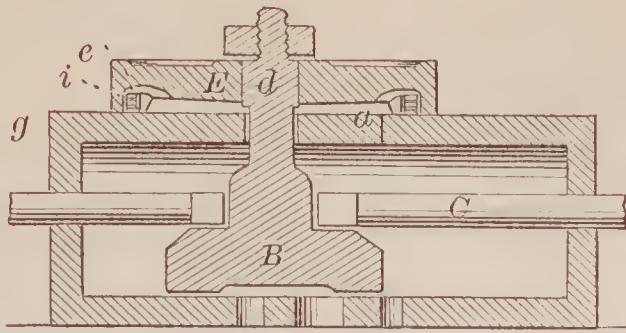
70280—C. L. Snyder—Threshing Machine.



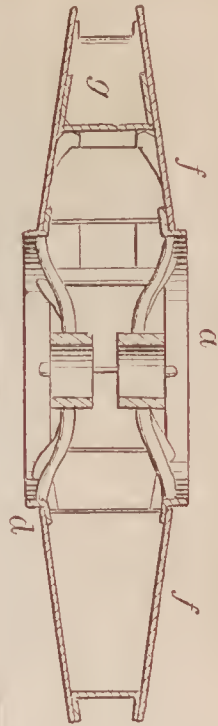
70281—C. F. Spaulding—For Spinning Metals.



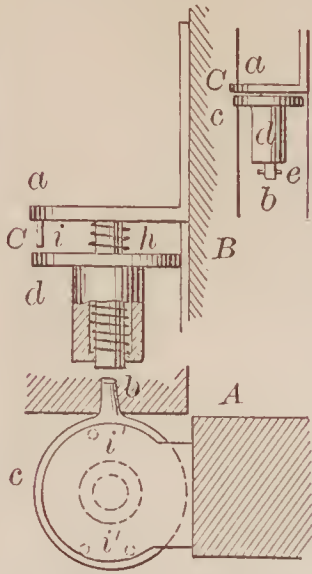
70283—A. Staley—*Slide Valve.*



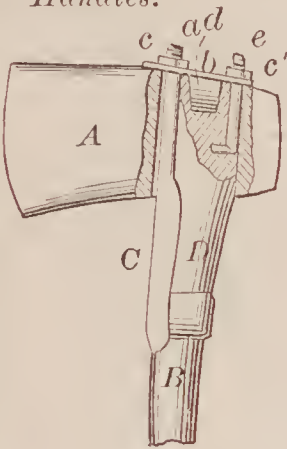
70286—B. F. Sturtevant—*Blower Wheel.*



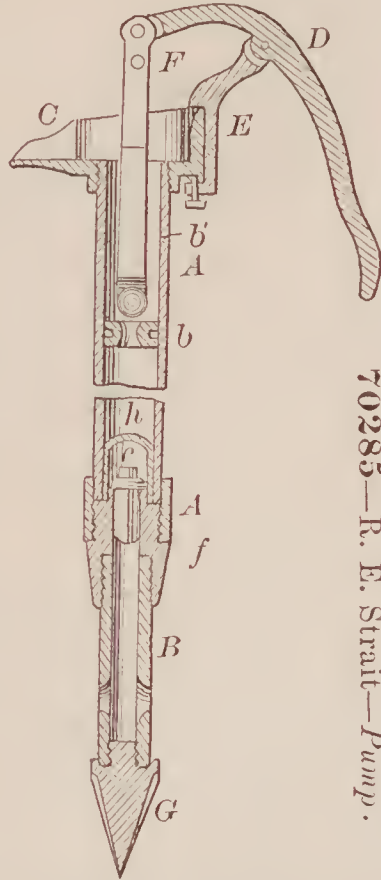
70282—N. B. Spooner—*Hinge and Fastener.*



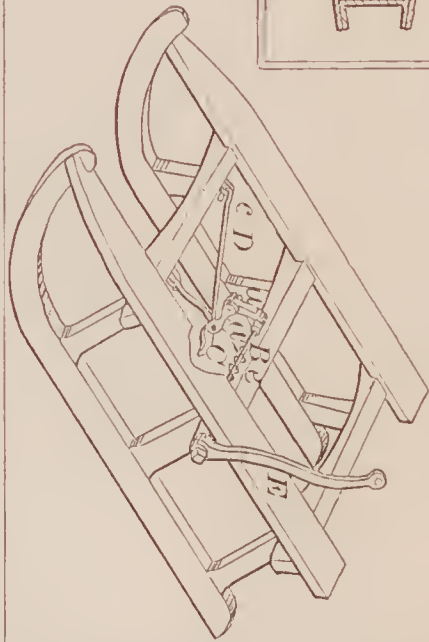
70284—J. Stewart—*Attaching Axes to Handles.*



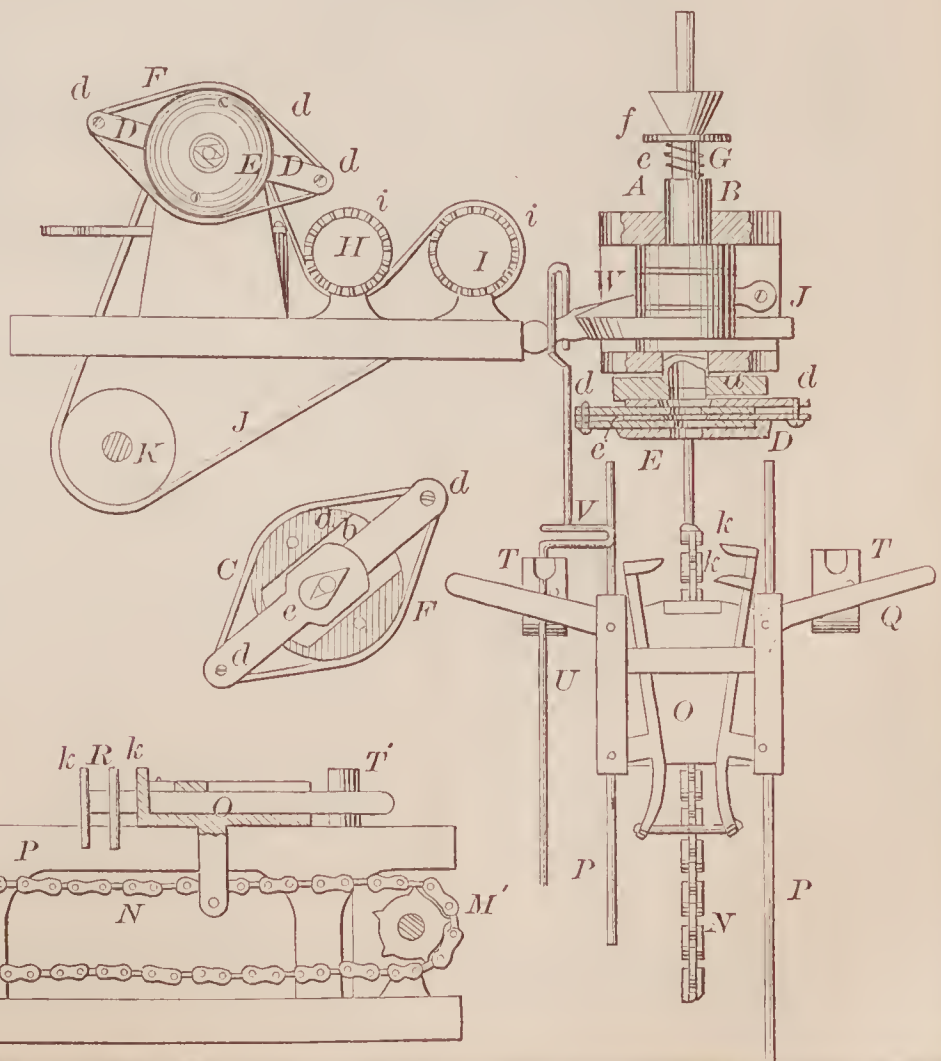
70285—R. E. Strait—*Pump.*



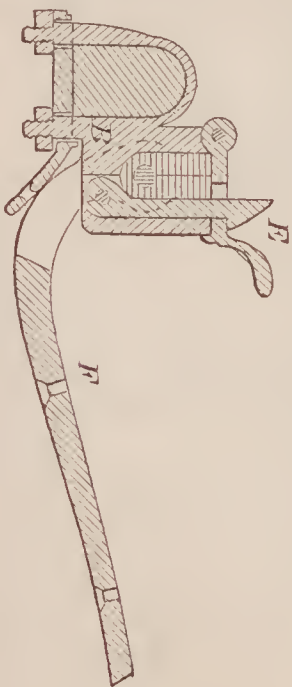
70287—S. K. Sutton—*Sled Brake.*



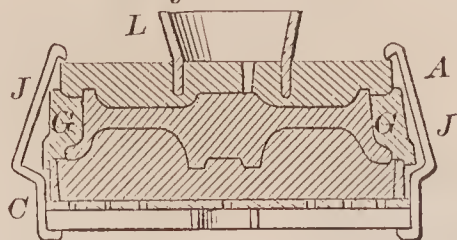
70288—J. Swan—*For Stripping Willow.*



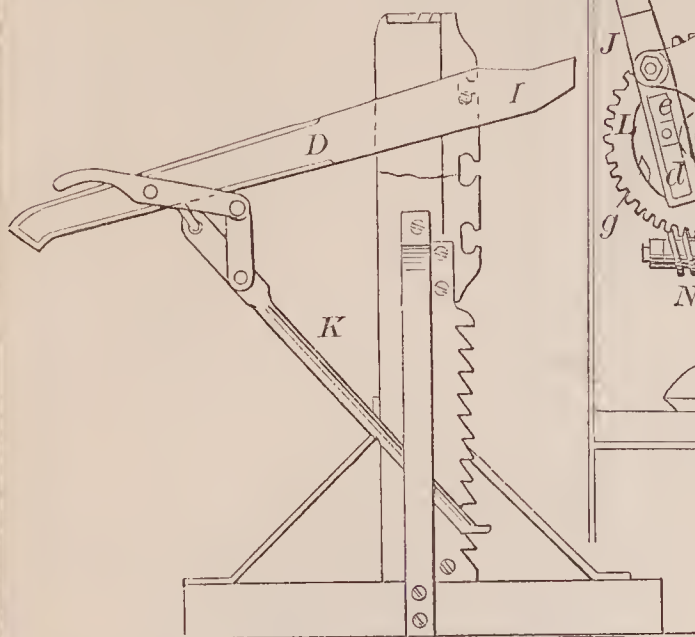
70289—C. Tholl—*Carriage Shaft Connection.*



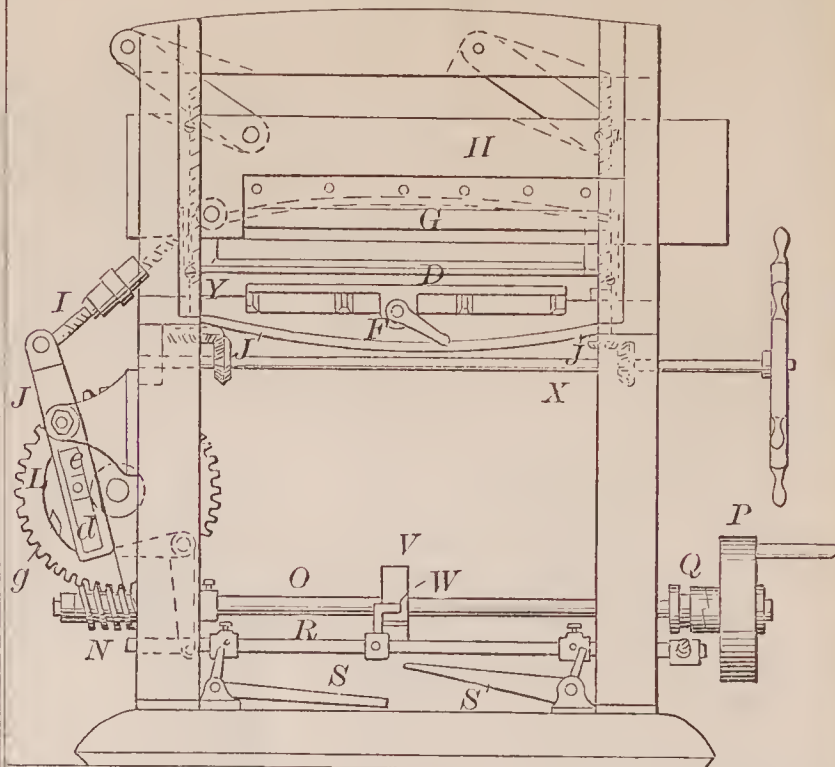
70290—W. R. Thomas—*Flask for Casting Car Wheels.*



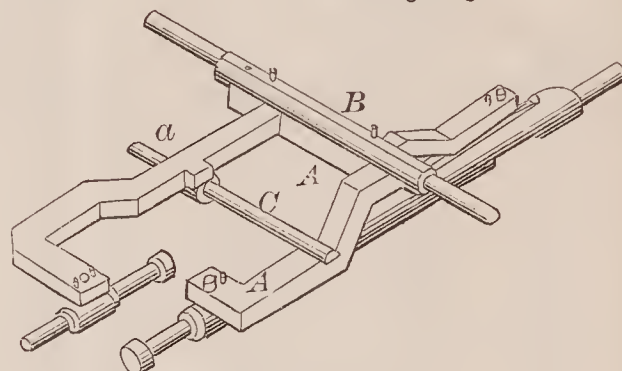
70291—W. H. Trusty—*Wagon Jack.*



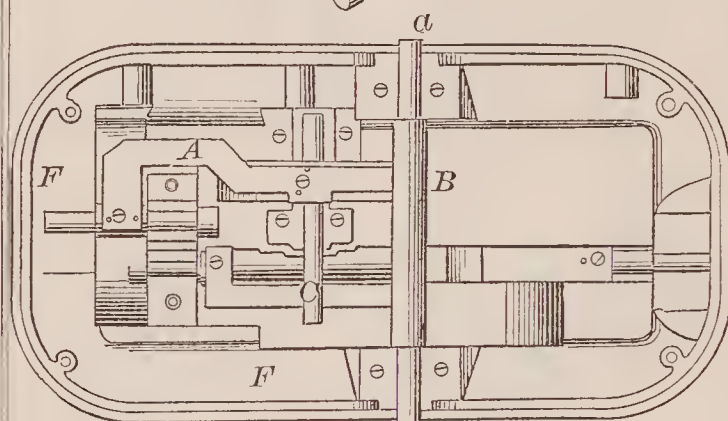
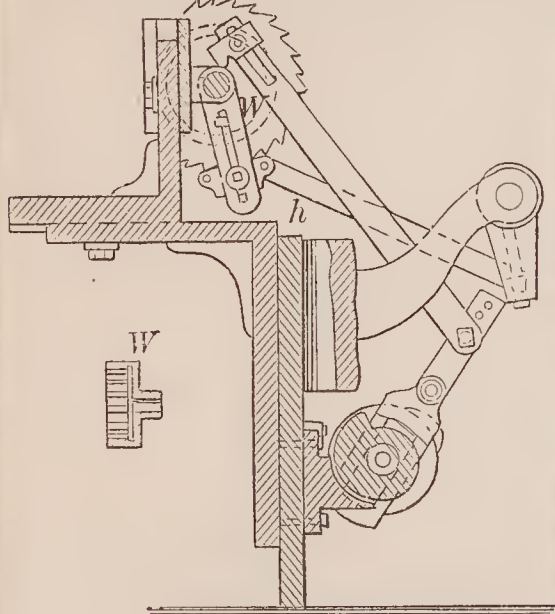
70292—S. D. Tucker—*For Cutting Paper, Pasteboard, &c.*



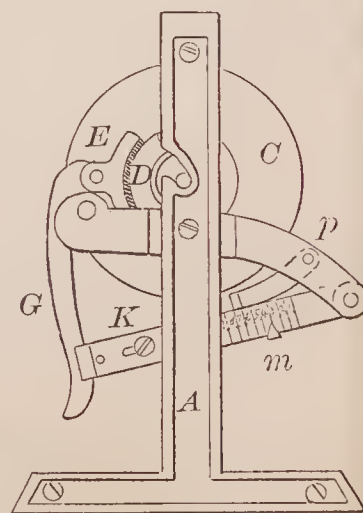
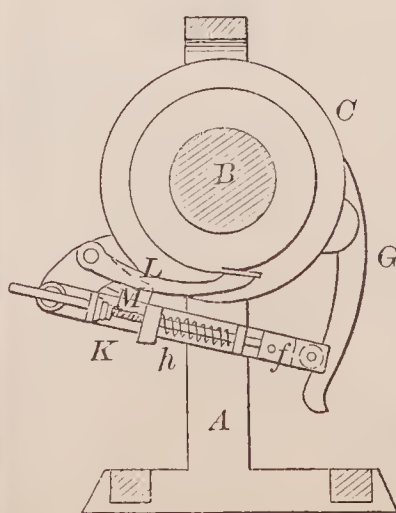
70294—J. Underwood—*Babbiting and Drilling Jig.*



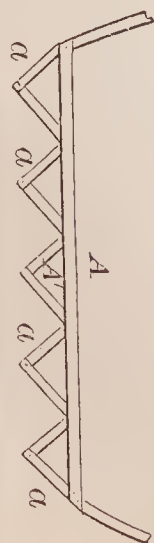
70293—J. Underwood—*For Cutting Teeth of Wheels.*



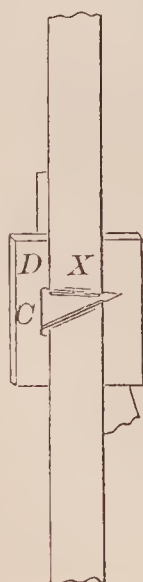
70297—R. Walker—*Let-off Motion for Looms.*



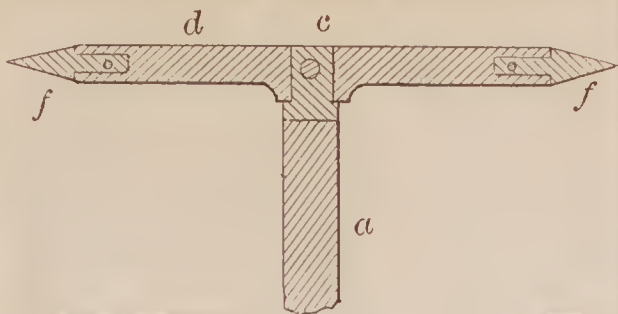
70296—J. Van Pelt—*Hull for Vessels.*



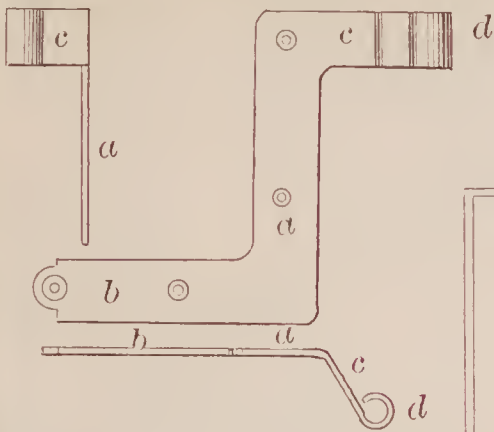
70295—J. D. Van Benthusen—*Bale Tie.*



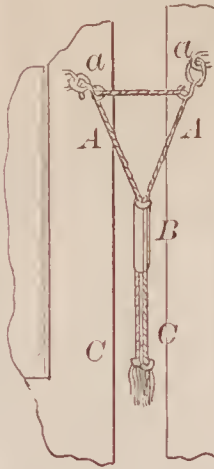
70298—S. H. Wallace—Miners' Pick



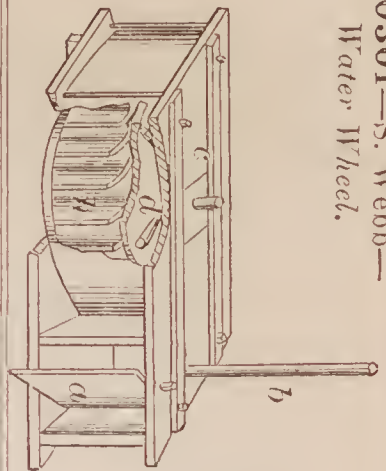
70299—B. D. Washburn—Hinge.



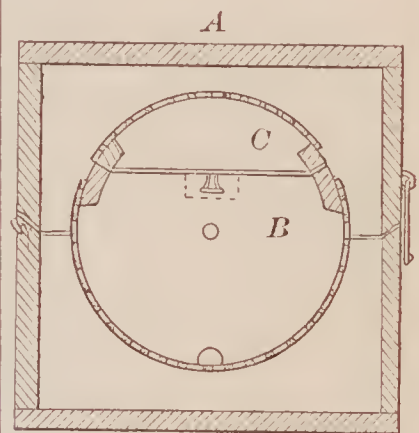
70300—W. H. Wayne—Shutter Fastener.



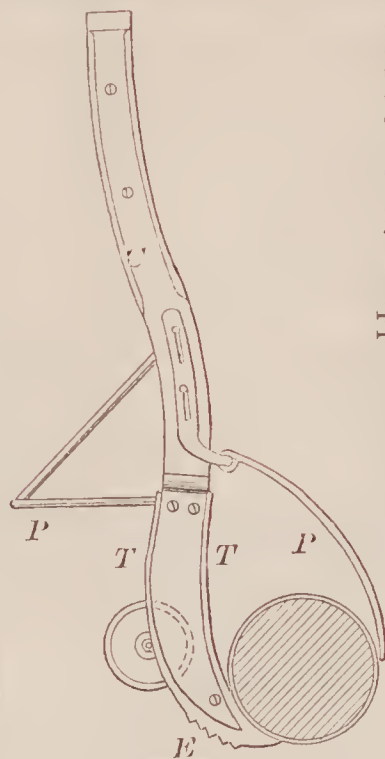
70301—S. Webb—Water Wheel.



70305—G. Whittle—Coal Screen.



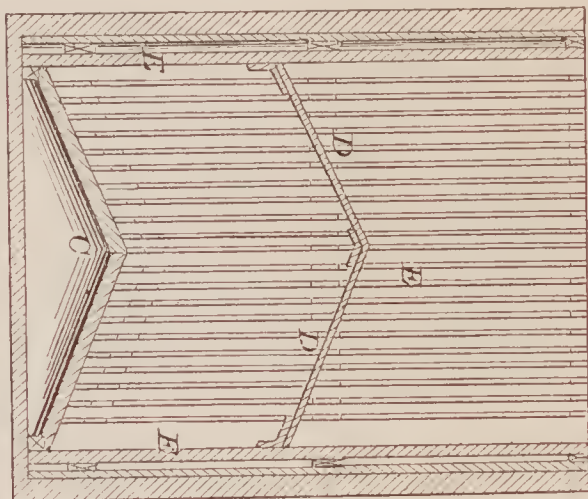
70303—J. T. Whipple—Hand Truck.



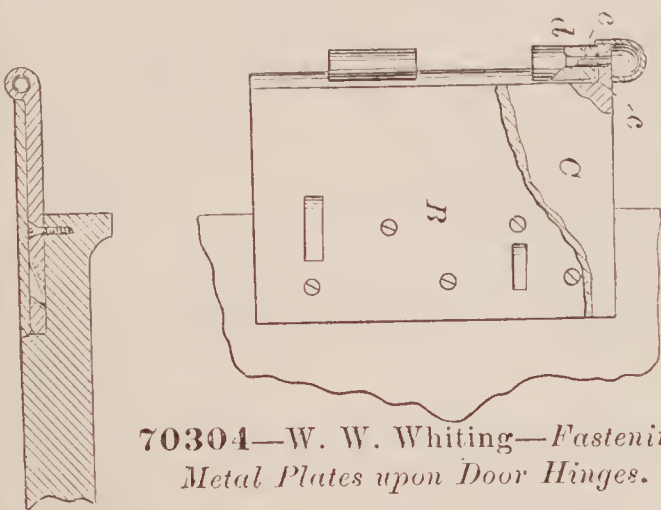
70302—P. L. Weimer—Door Stop.



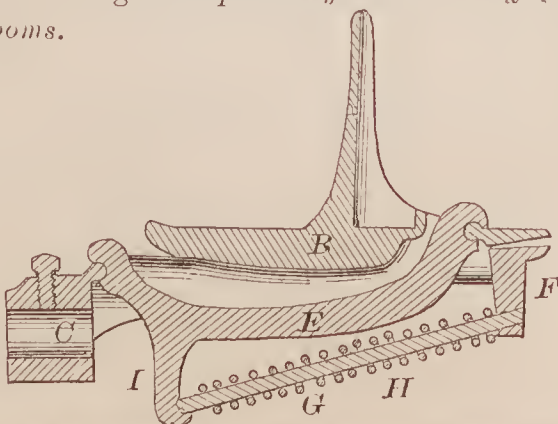
70306—L. C. Williams—Fat for Tanning.



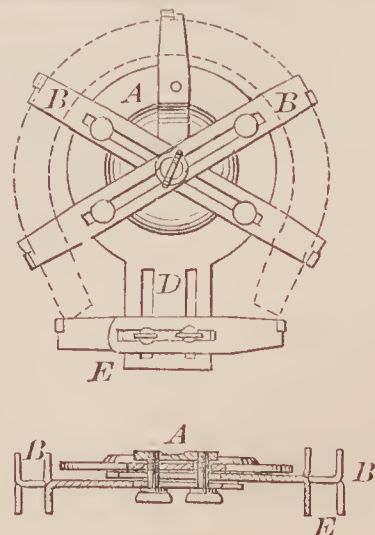
70304—W. W. Whiting—Fastening Metal Plates upon Door Hinges.

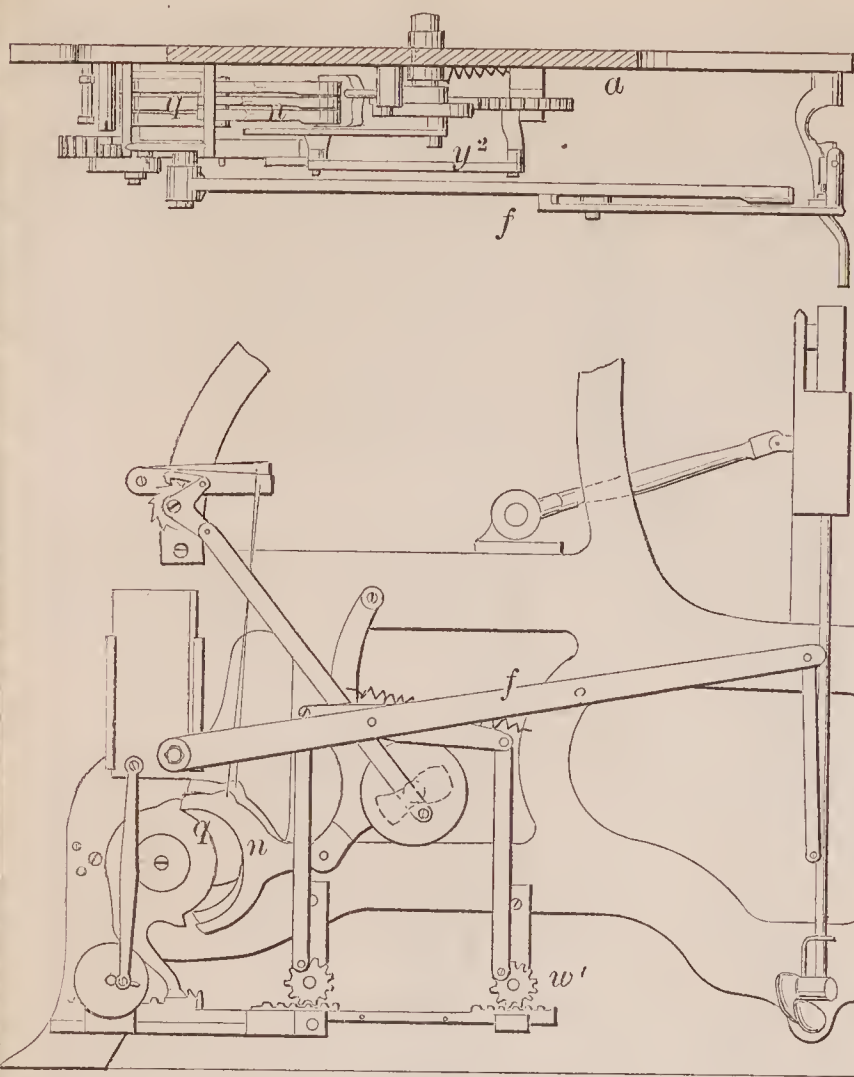
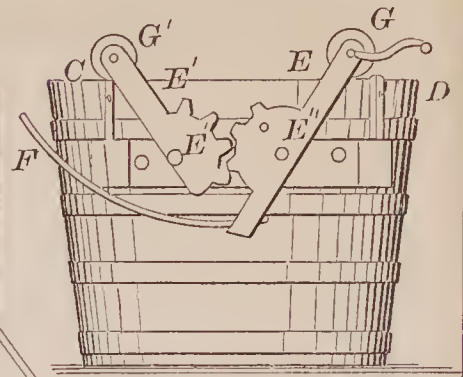
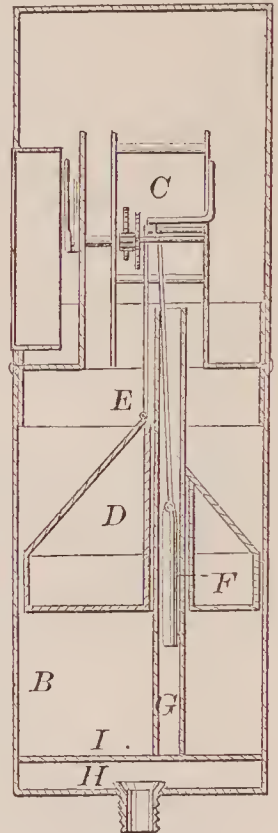
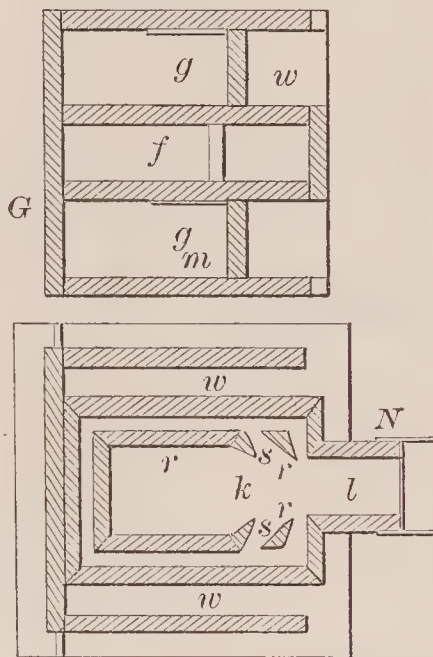
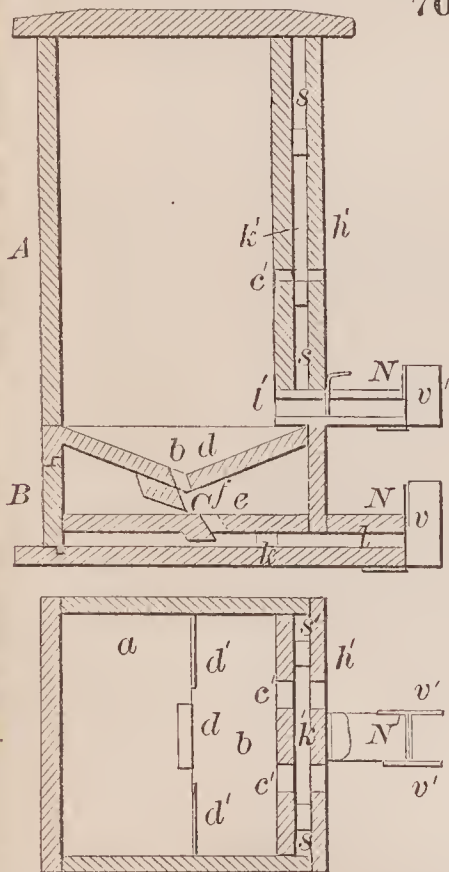
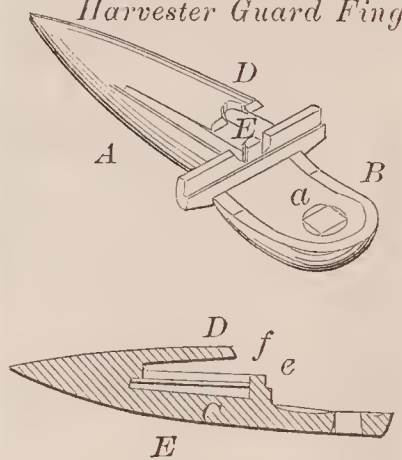
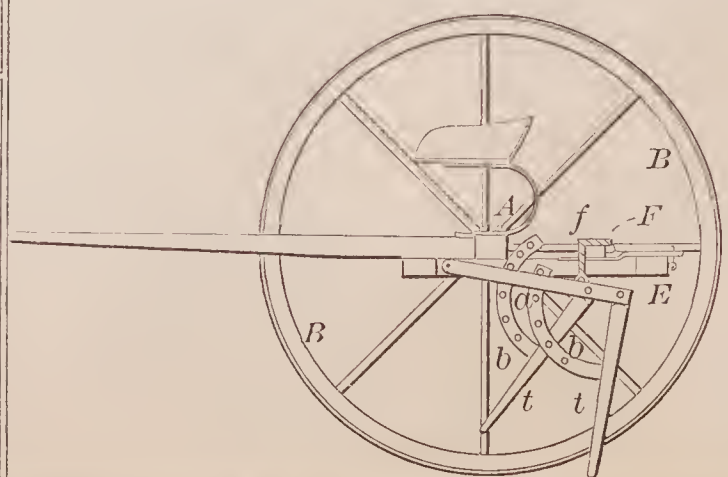
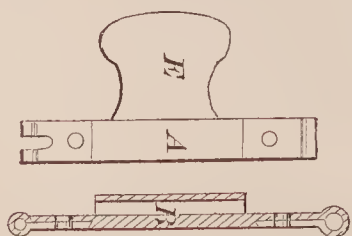


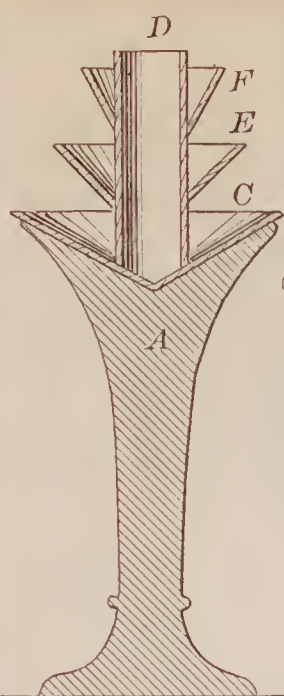
70308—E. Wright—Operating Picker-Staff for Looms.



70307—M. S. Woodward—For Measuring Horses' Feet.

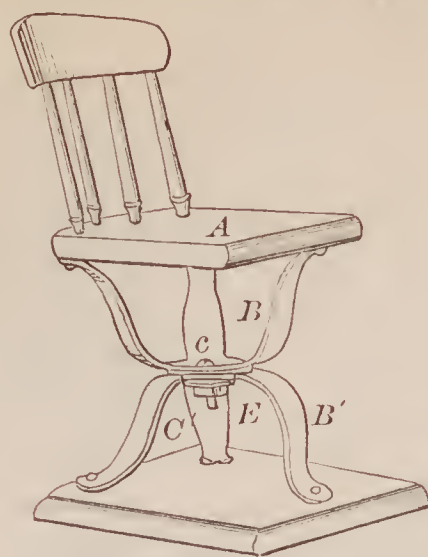


70309—H. Wyman—*Loom.*70310—J. Adams—*Mop Wringer.*70312—I. R. Amsden—*Hydrostatic Scale.*70313—A. C. Badgley—*Beehive.*70311—Allen & Ross—*Harvester Guard Finger.*70314—Baker & Hoyt—*Wheeled Harrow.*70315—J. C. Baxter—*Check Piece for Bridles.*

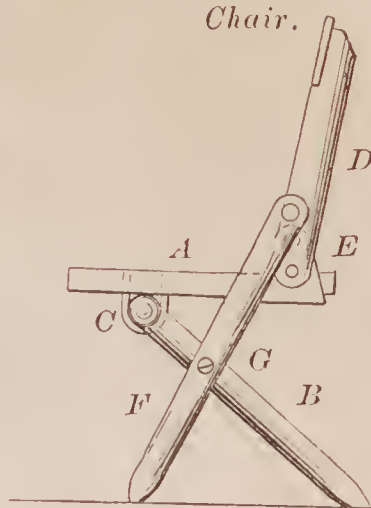


70316—L. H. Bigelow—*Flower Vase.*

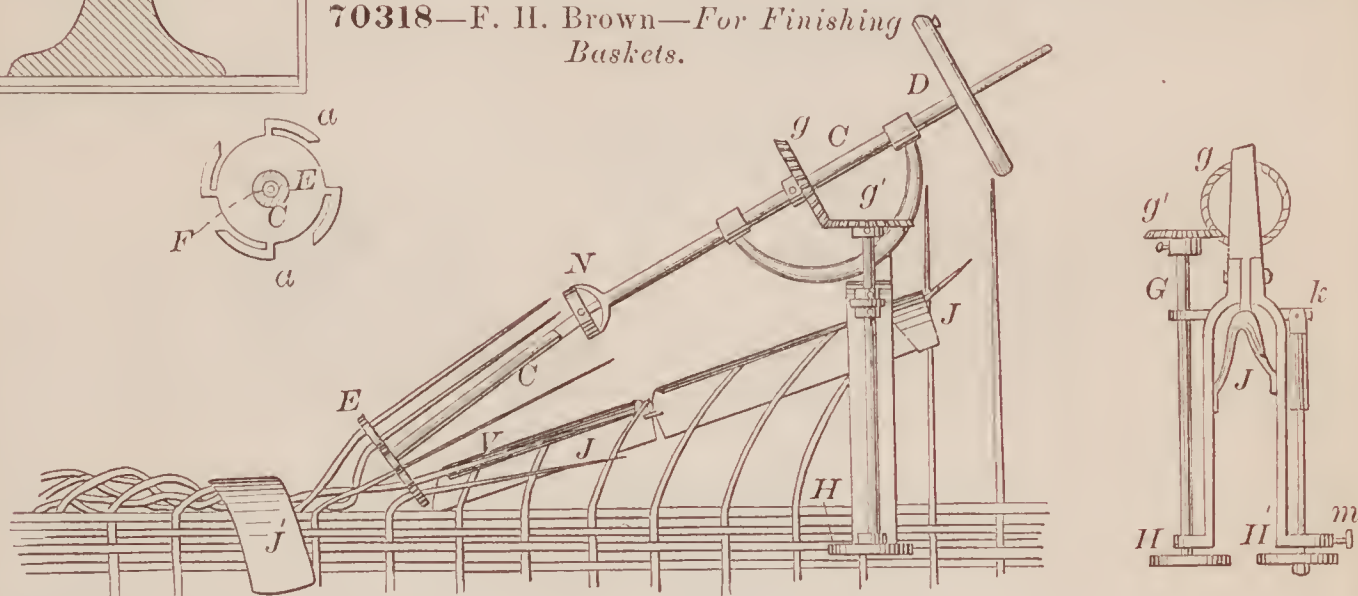
70319—S. C. Brown—*Chair.*



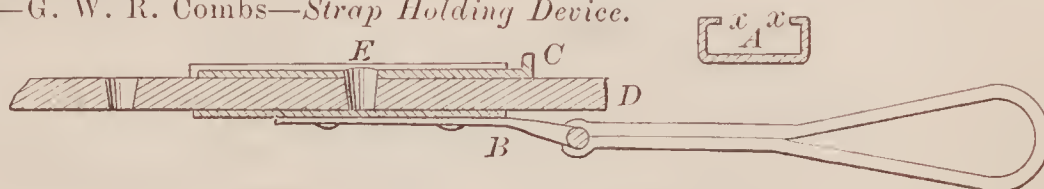
70323—I. N. Dann—*Folding Chair.*



70318—F. H. Brown—*For Finishing Baskets.*



70320—G. W. R. Combs—*Strap Holding Device.*



70321—J. C. Coult—*For Reducing Quicksilver Ores.*

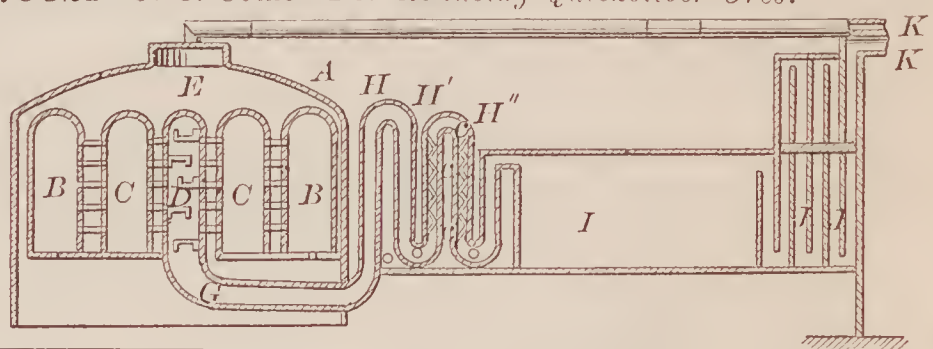


Fig. 1 70322—S. Cuddick—*Puddling and Heating Furnace.*

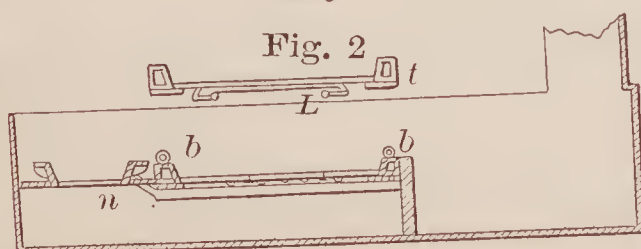
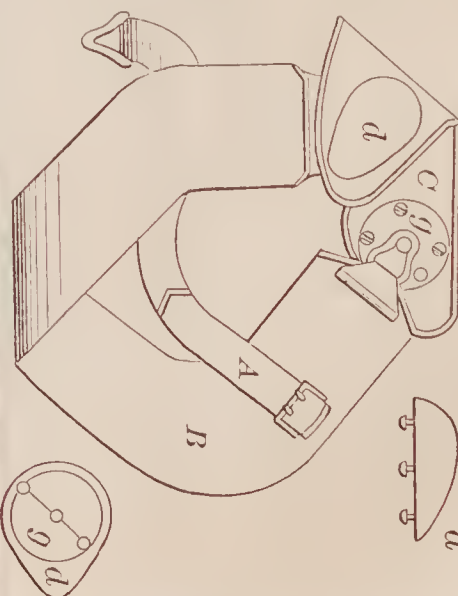
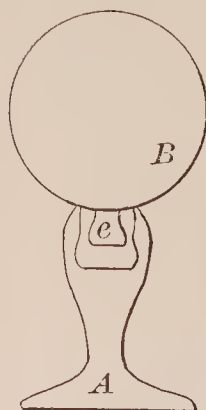


Fig. 12



70324—S. Dike—*Truss and Supporter.*

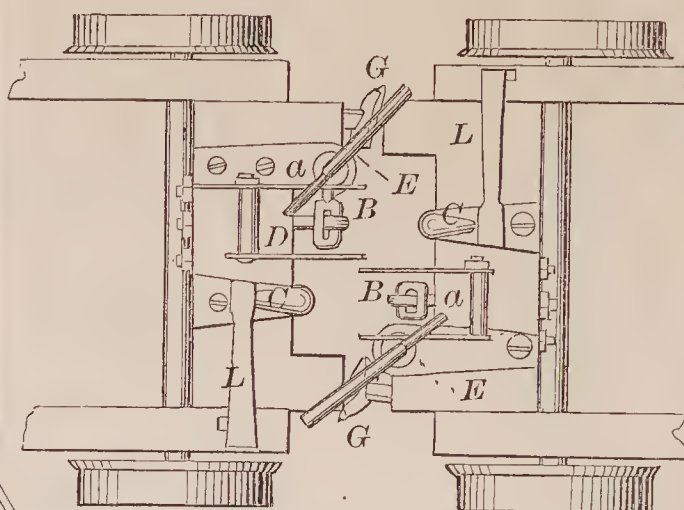


70325—E. Dithridge—Silvered
Glass Ware Manufacture.

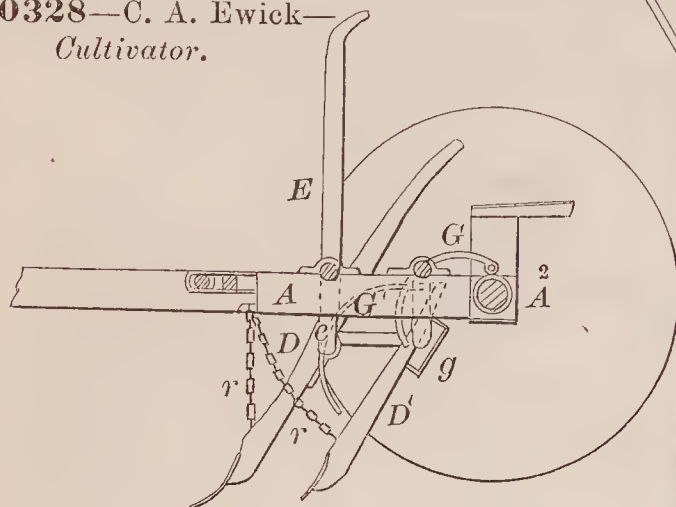


70330—Flanders & Wells—Bed
Bottom.

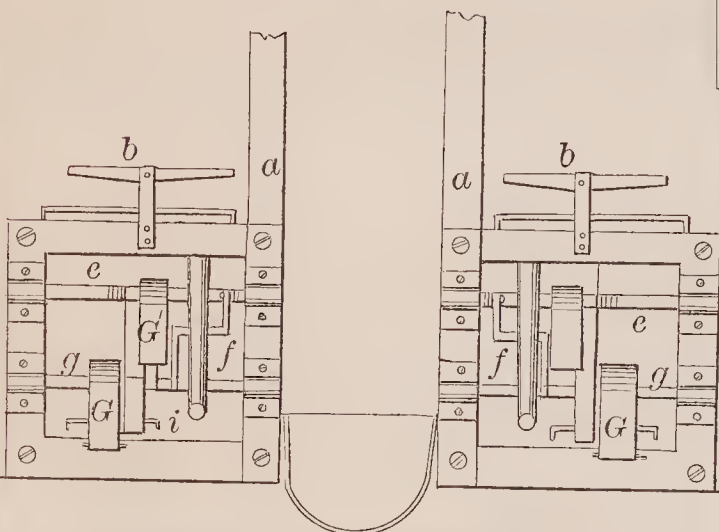
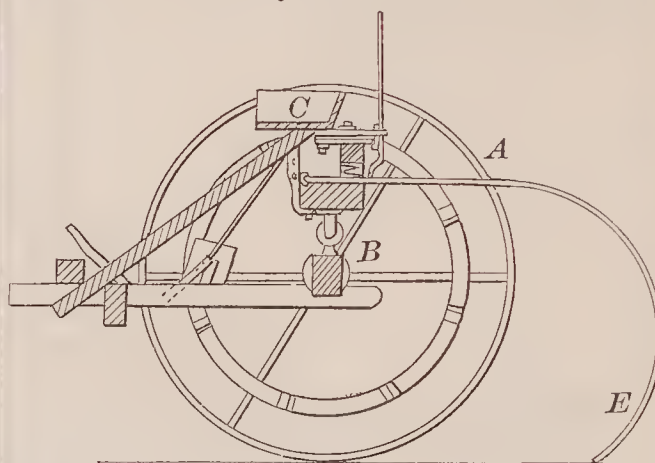
70326—J. Ebee—Car Coupling.



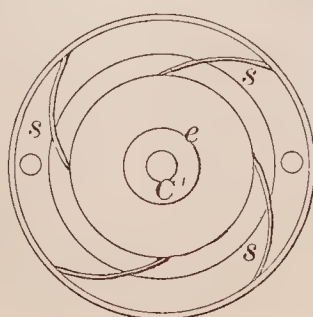
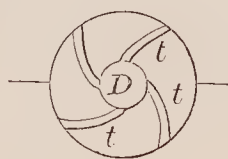
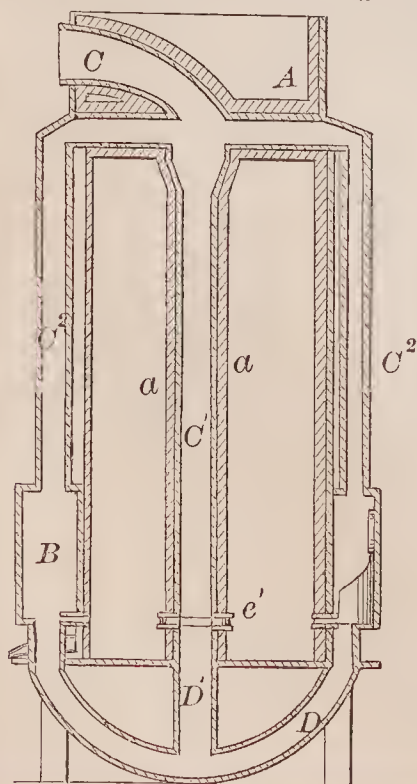
70328—C. A. Ewick—
Cultivator.



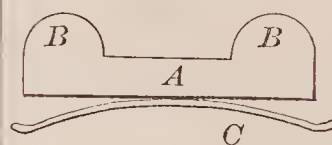
70327—Eberly & Hauck—Horse Rake.



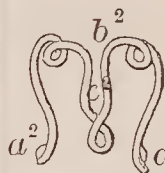
70329—H. Fayette—Cupola, Blast and Smelting Furnace.



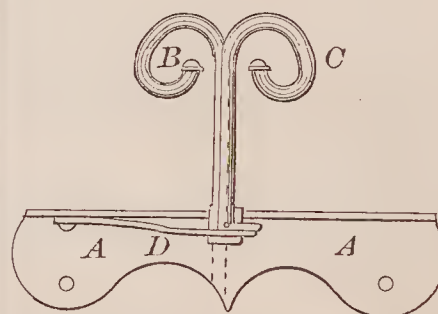
70333—J. Hale—
Door Holder.



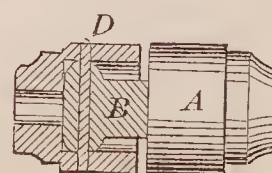
70331—F. D. Ford—
Neck Tie.



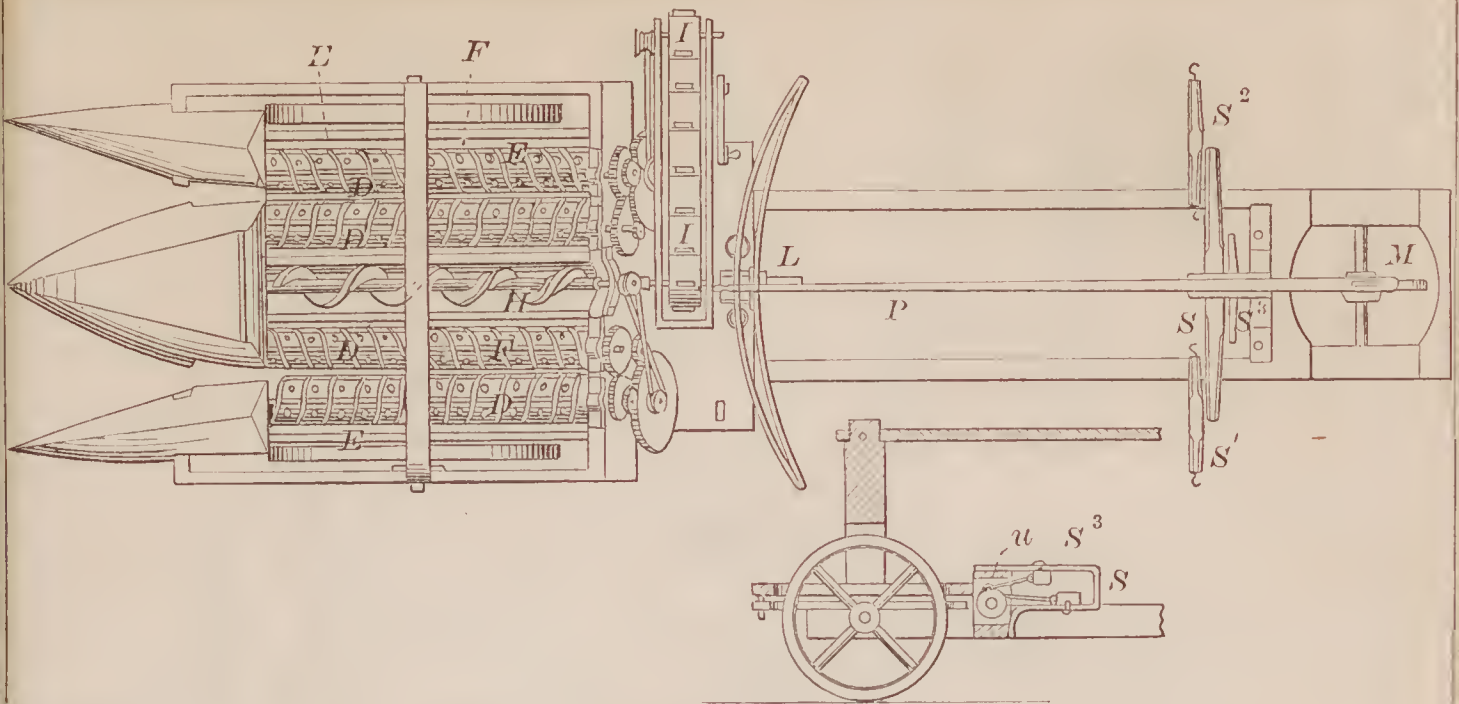
70332—G. W. Fosdick—Rein
Holder.



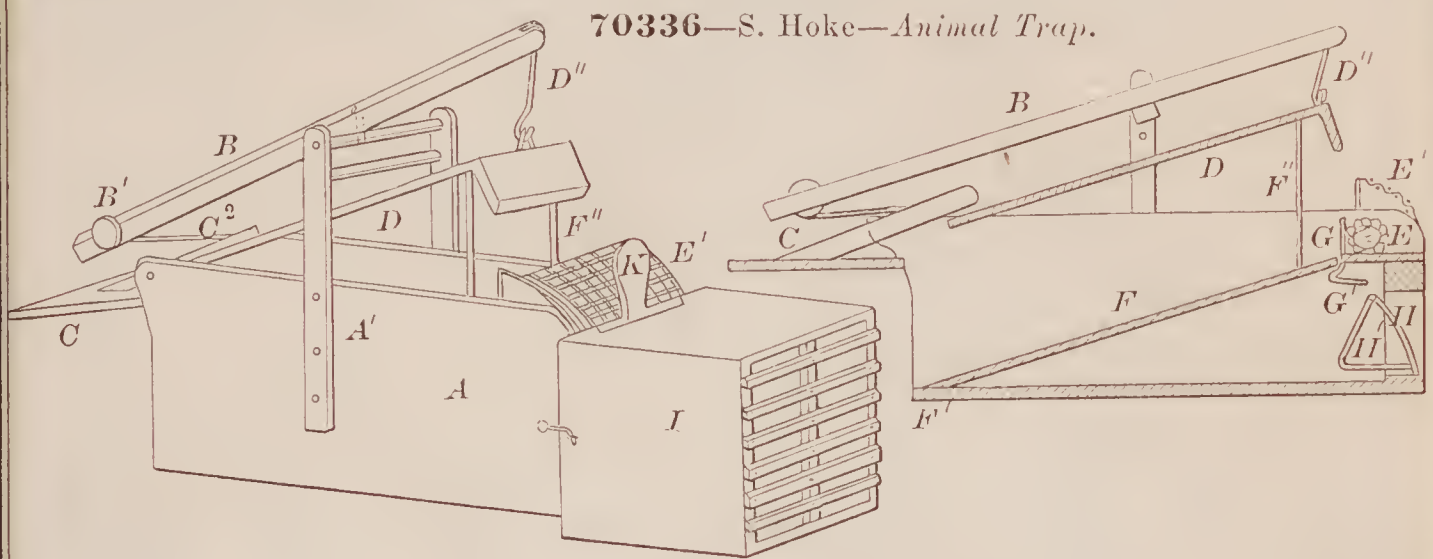
70334—W. P. Haskins—
Ball and Socket Joint.



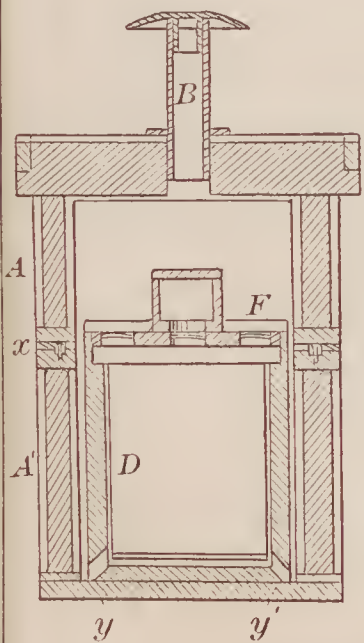
70335—Hill & Harpham—*Corn Harvester.*



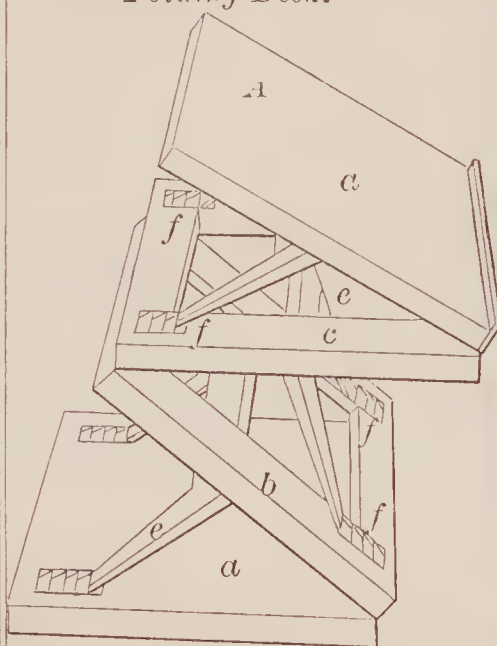
70336—S. Hoke—*Animal Trap.*



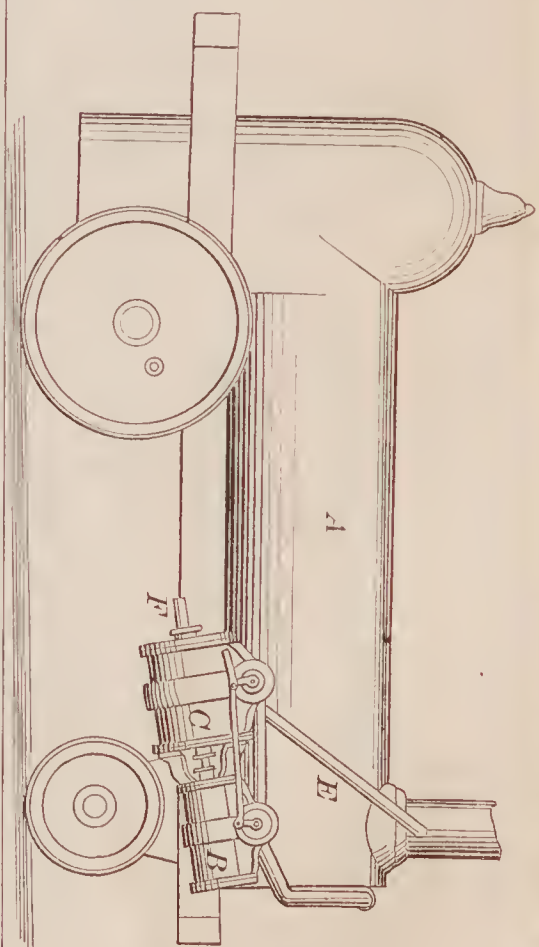
70338—R. Jones—*Beehive.*



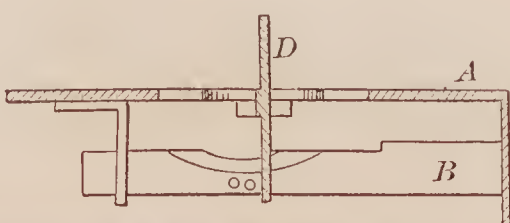
70339—T. W. Kreitz—*Folding Desk.*

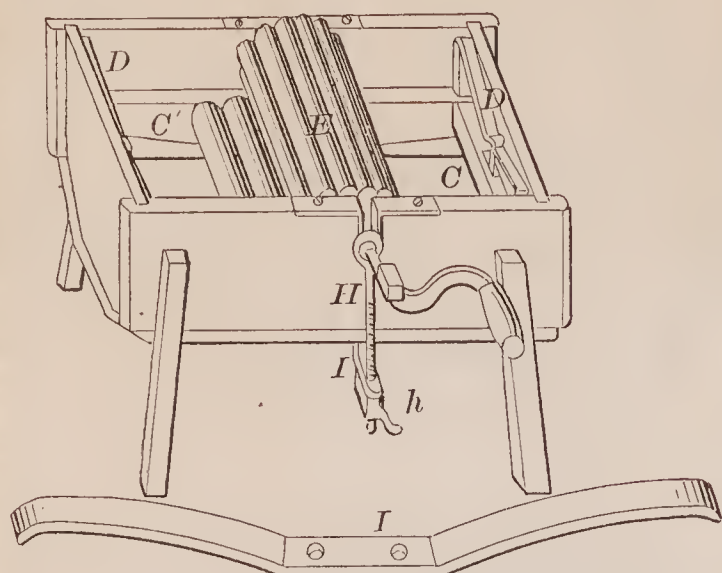
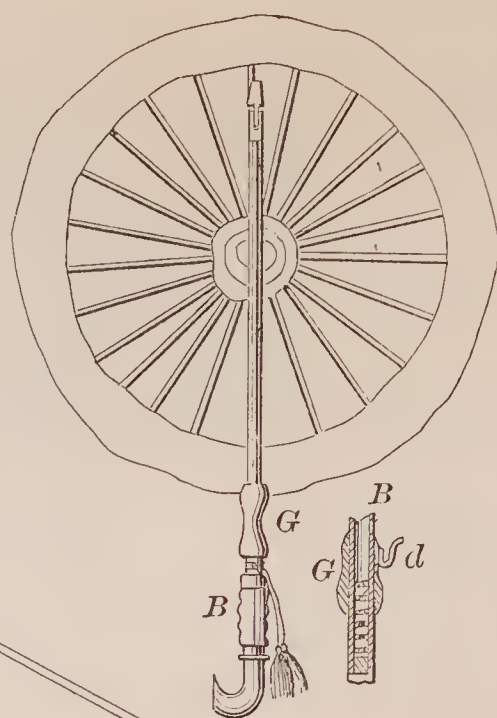
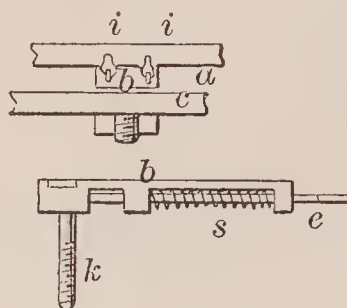
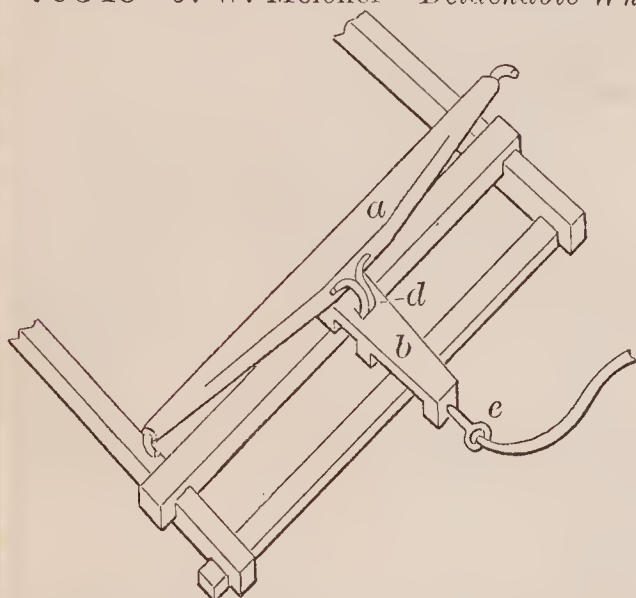
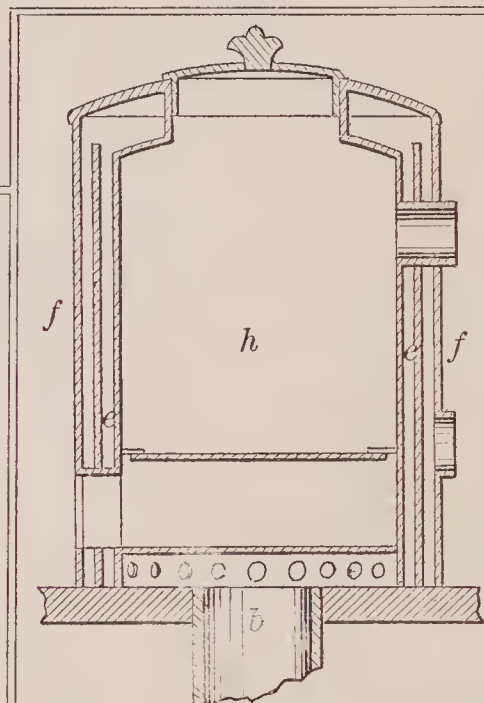
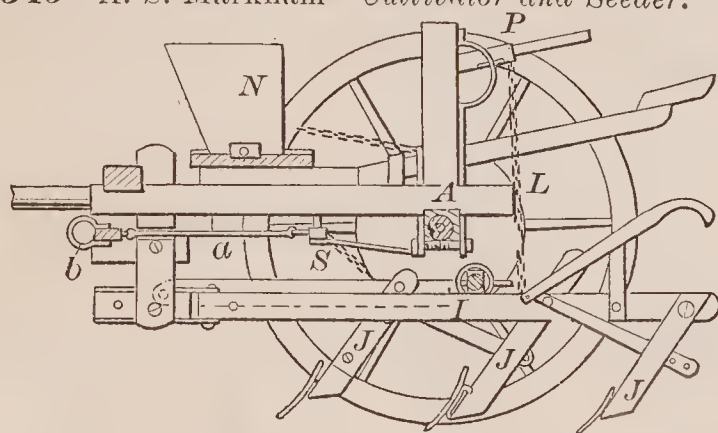
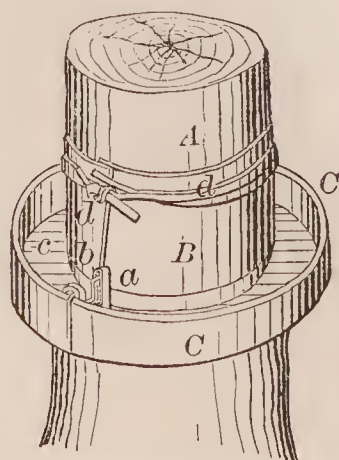
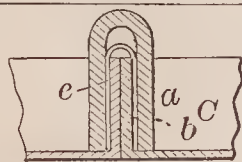
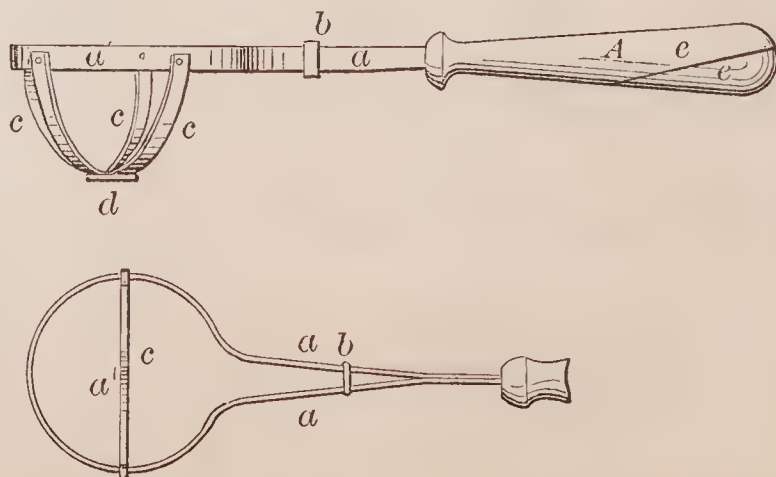


70341—J. L. Lay—*Locomotive.*



70340—C. E. Lattin—*Flush Bolt.*



70343—E. W. Lowe—*Washing Machine.*70344—G. Mallory—*Fan and Parasol.*70348—J. W. Melcher—*Detachable Whiffletree.*70345—A. S. Markham—*Cultivator and Seeder.*70347—M. Mead—*Radiating Furnace.*70349—D. Mendenhall—*Tree Protector.*70350—J. Nathan—*Egg Holder.*

70351—J. Newhart—*Plow Clevis,*

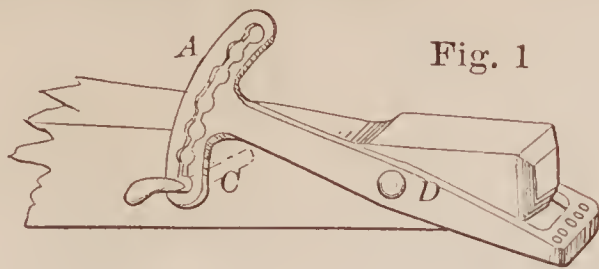


Fig. 1

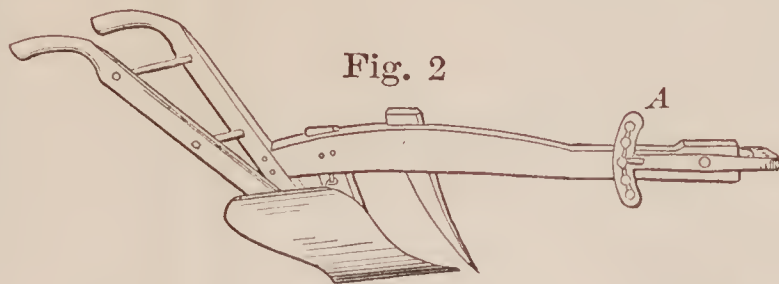


Fig. 2

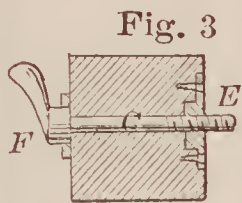


Fig. 3

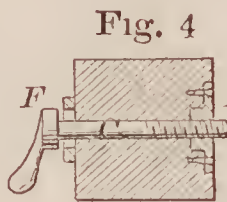
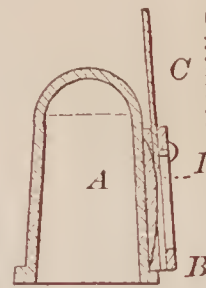


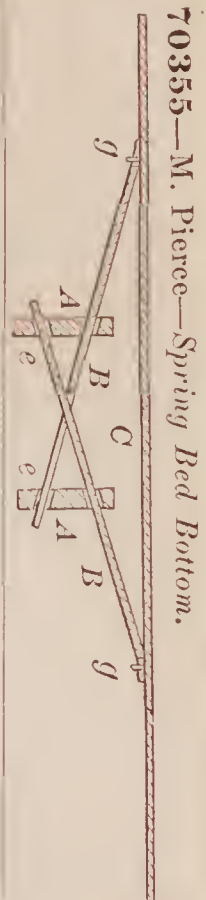
Fig. 4



70353—H. D. Peck—*Thinble.*

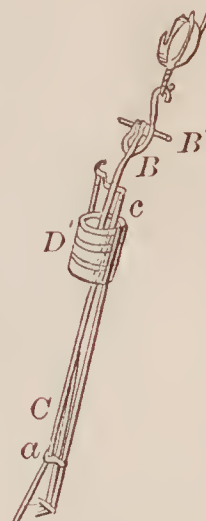
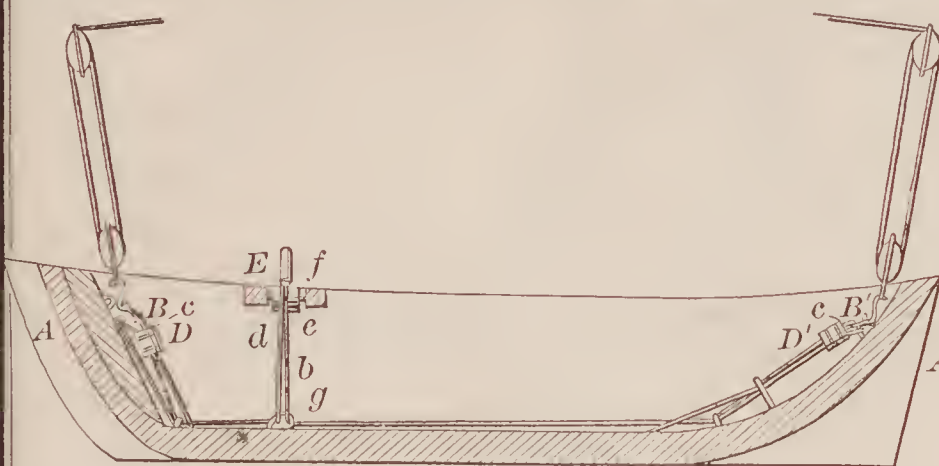


70360—J. C. Reynolds—*Knife Sharpener.*



70355—M. Pierce—*Spring Bed Bottom.*

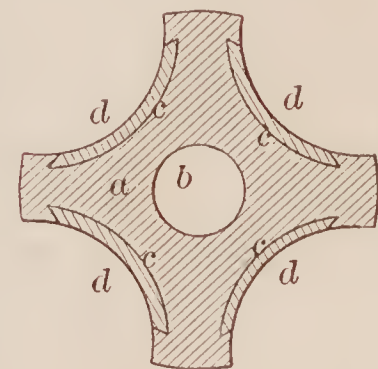
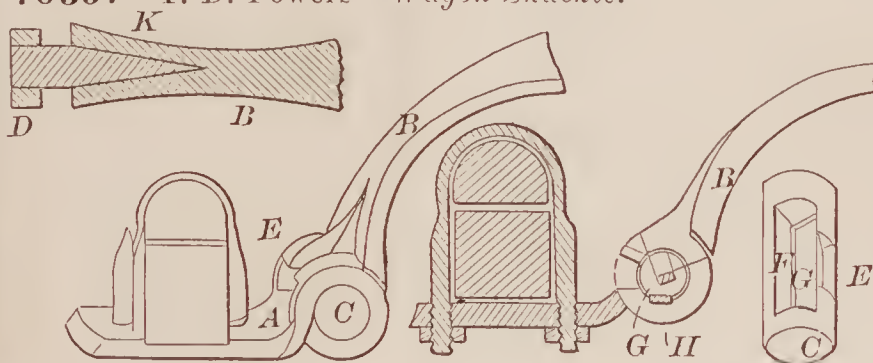
70354—Peterson & Gunner—*Boat Detaching Tackle.*



70350—J. H. Nichols—*Manufacturing Knives and Forks.*

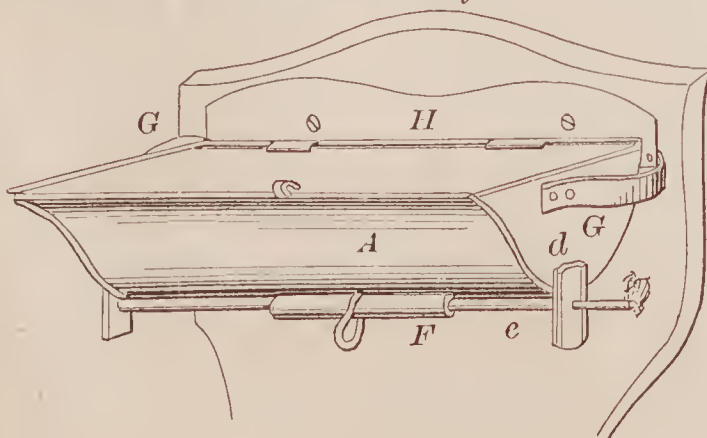


70357—T. D. Powers—*Wagon Shackle.*

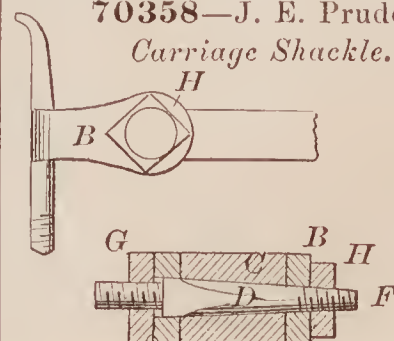


70356—Pinder & Robinson—*Car Axle Box.*

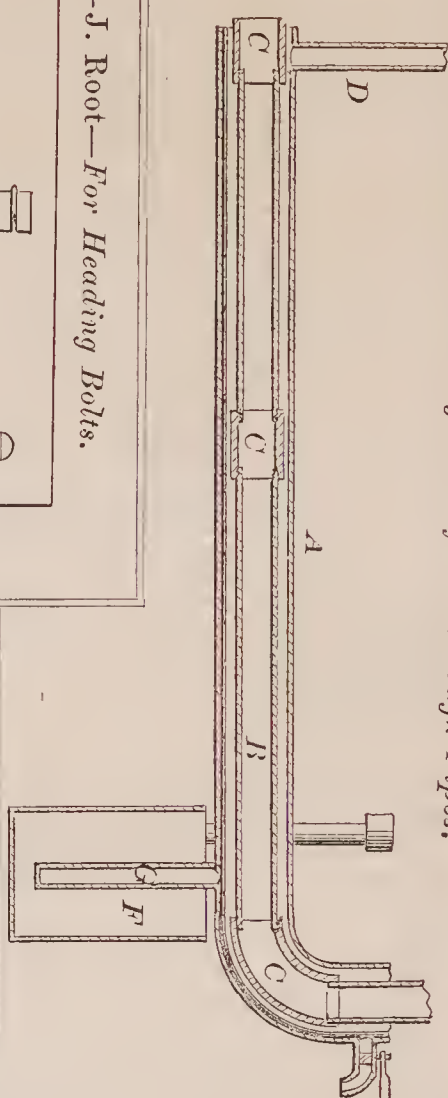
70362—A. Roesler—*Match Safe.*



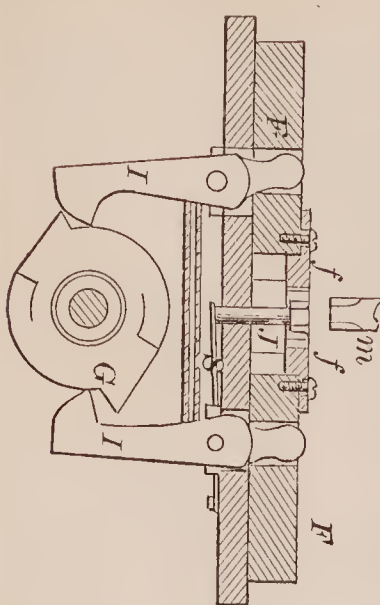
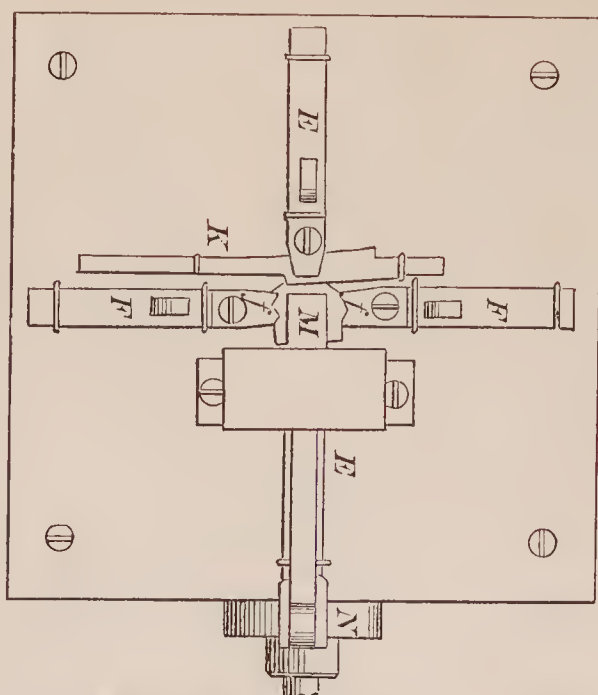
70358—J. E. Prudden—*Carriage Shackle.*



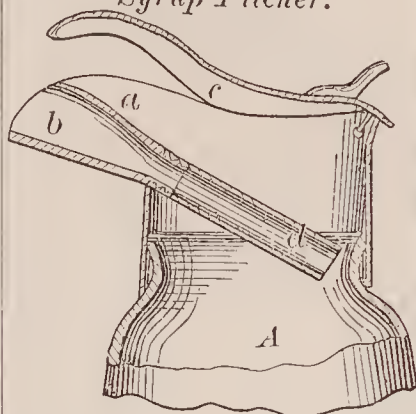
70365—J. F. Russell—Facilitating Flow of Gas through Pipes.



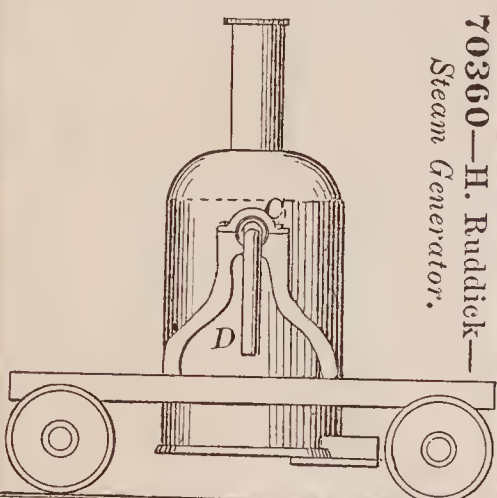
70363—J. Root—For Heading Bolts.



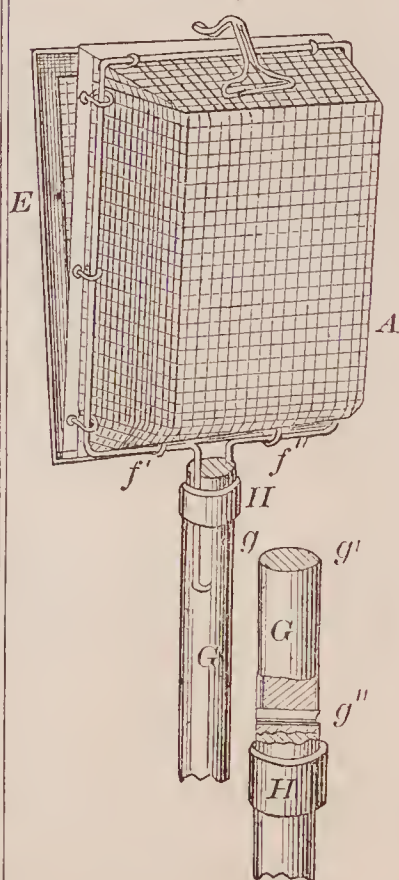
70367—D. Scanlin—Syrup Pitcher.



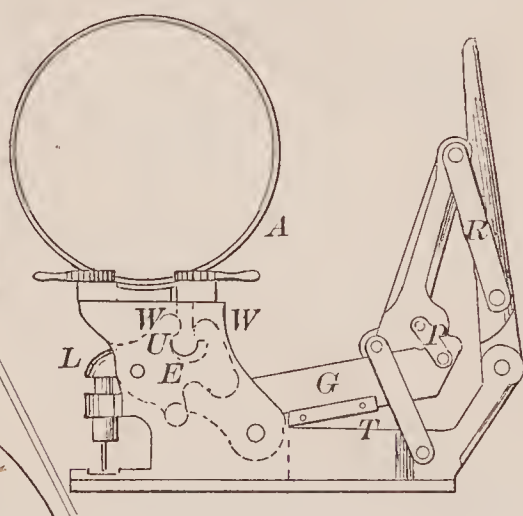
70360—H. Ruddick—Steam Generator.



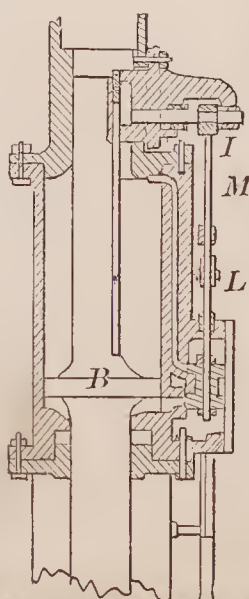
70368—C. H. S. Schultz—Corn Popper.



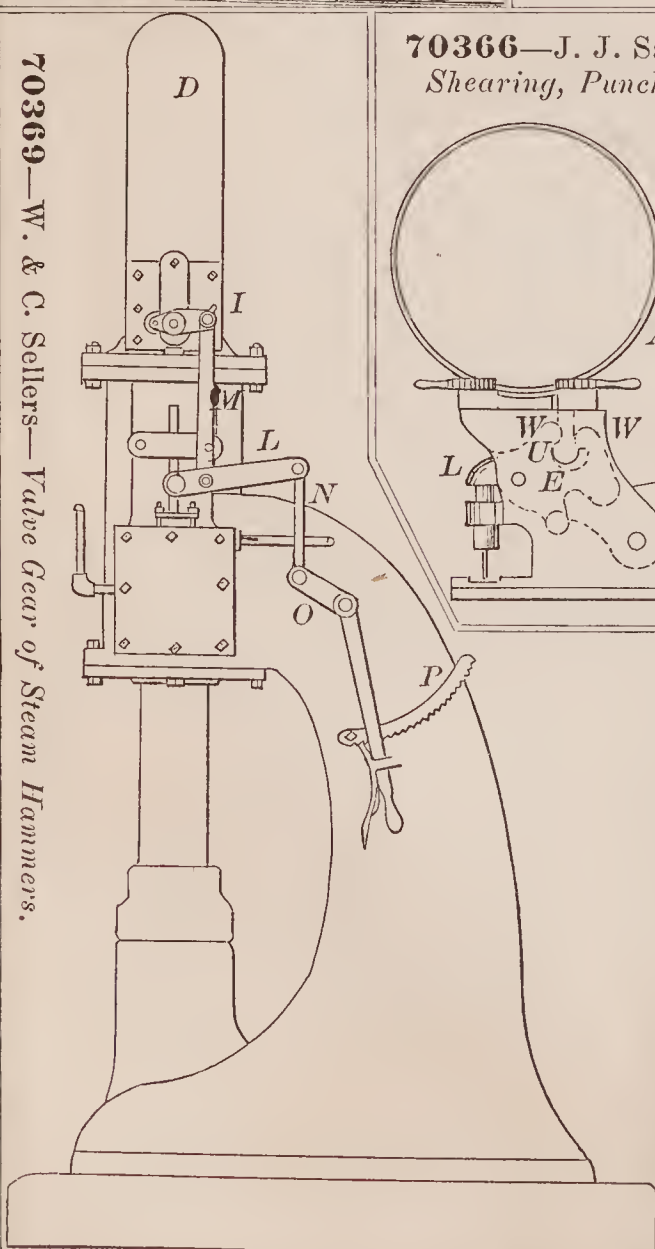
70366—J. J. Sandgren—For Shearing, Punching and Upsetting.



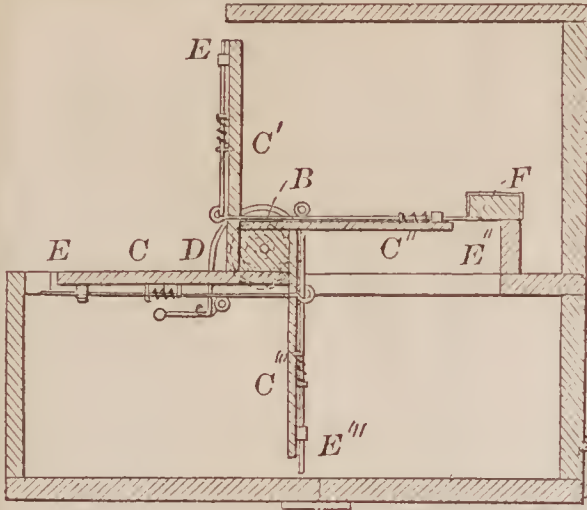
70369—W. & C. Sellers—Valve Gear



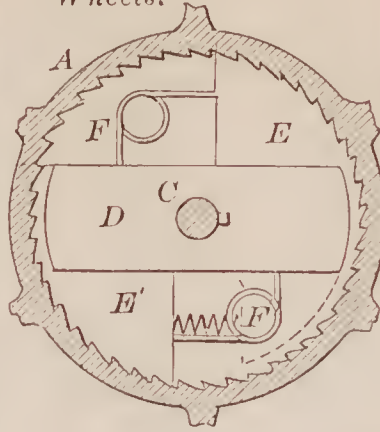
70369—W. & C. Sellers—Valve Gear of Steam Hammers.



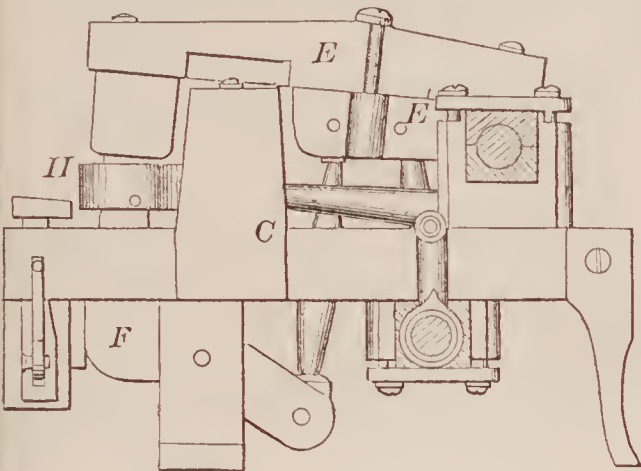
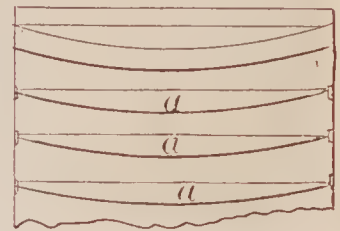
70370—R. Simpson—Animal Trap.



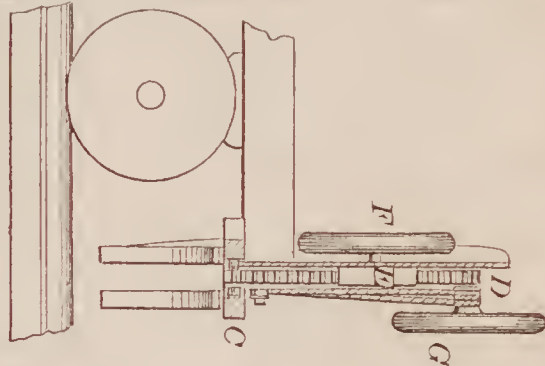
70371—W. W. Smith—Ratchet for Driving Wheels.



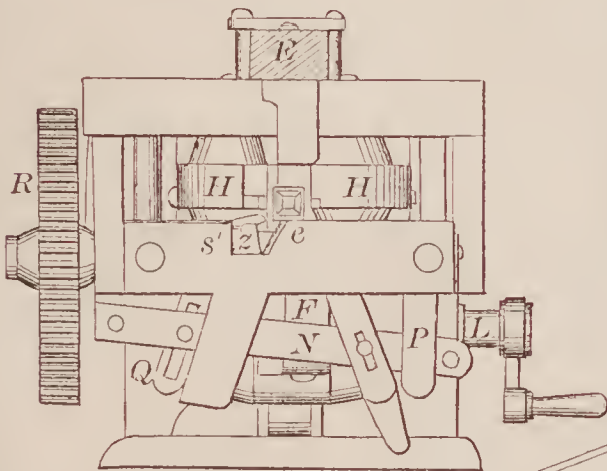
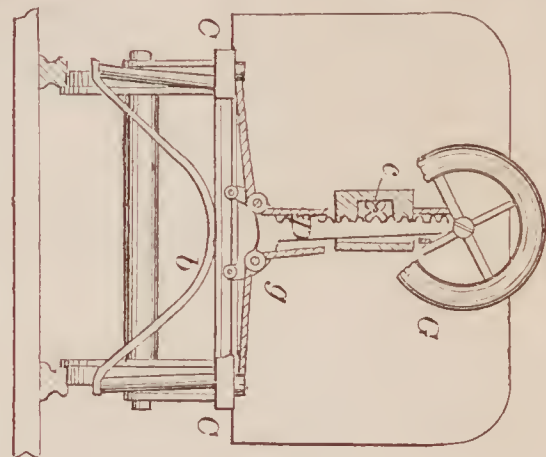
70372—H. D. Snyder—Safety Pocket.



70374—A. St. Louis—Horse Shoe Nail Machine.



70375—L. Straus—Car Replacer.



70373—W. P. Staleup—Mill Burr Dresser.

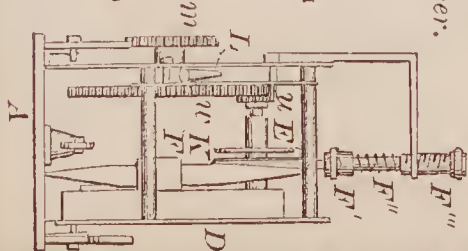
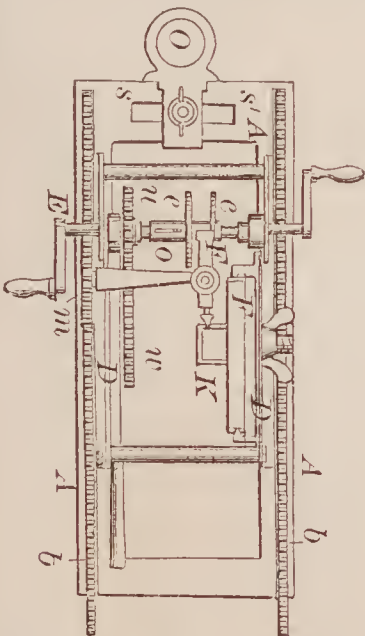


Fig. 4

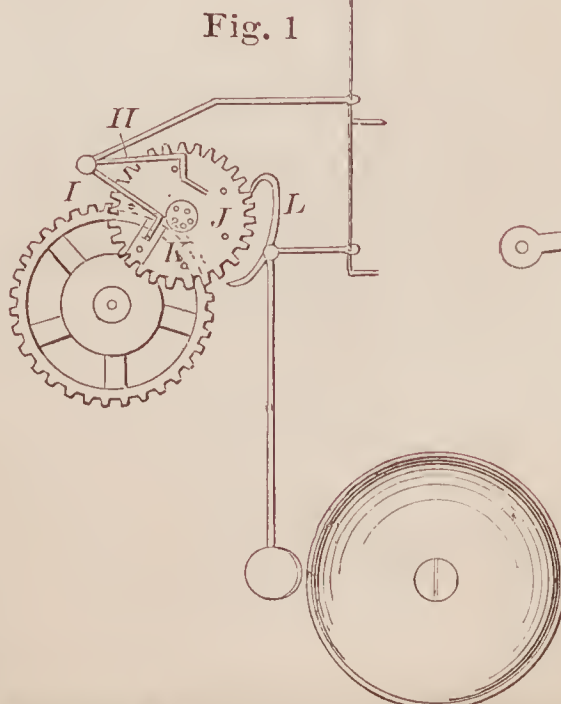


Fig. 1

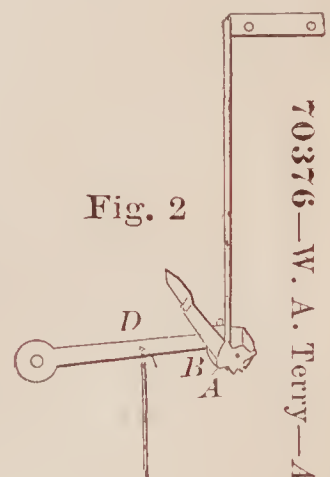
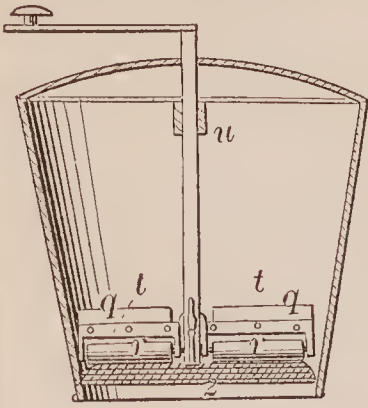
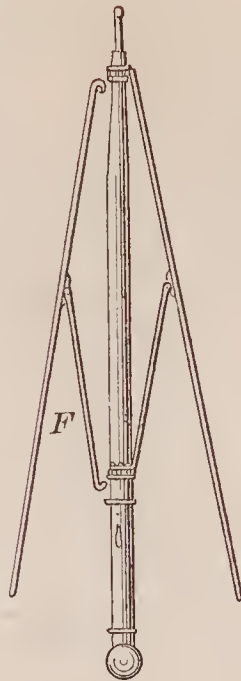
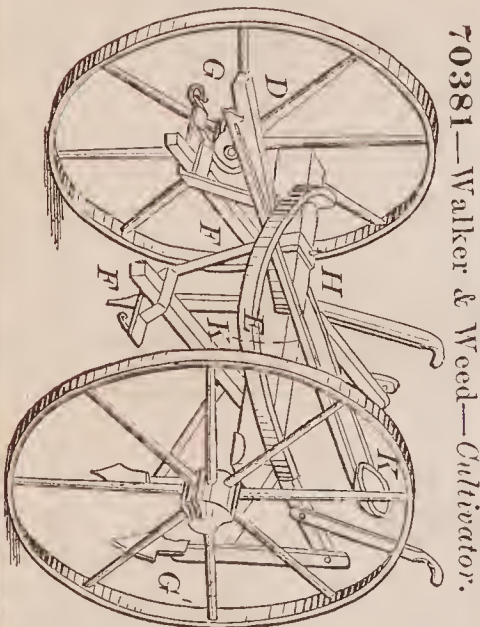
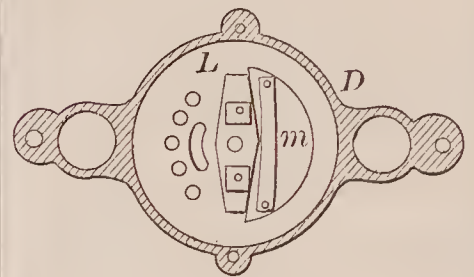
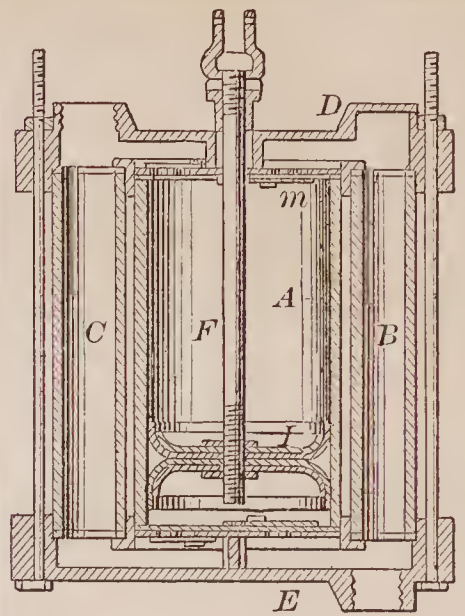
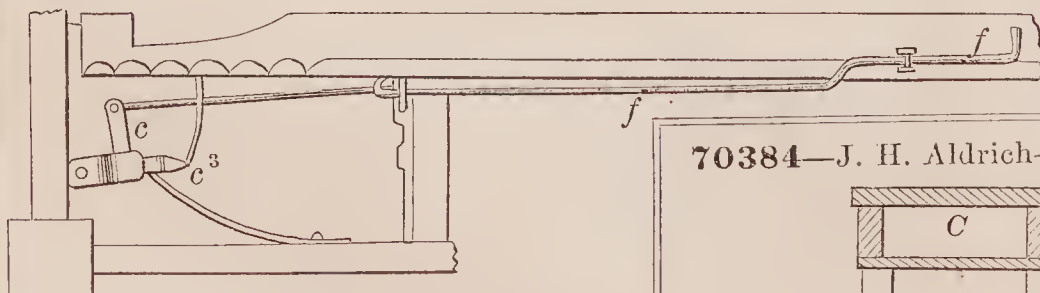
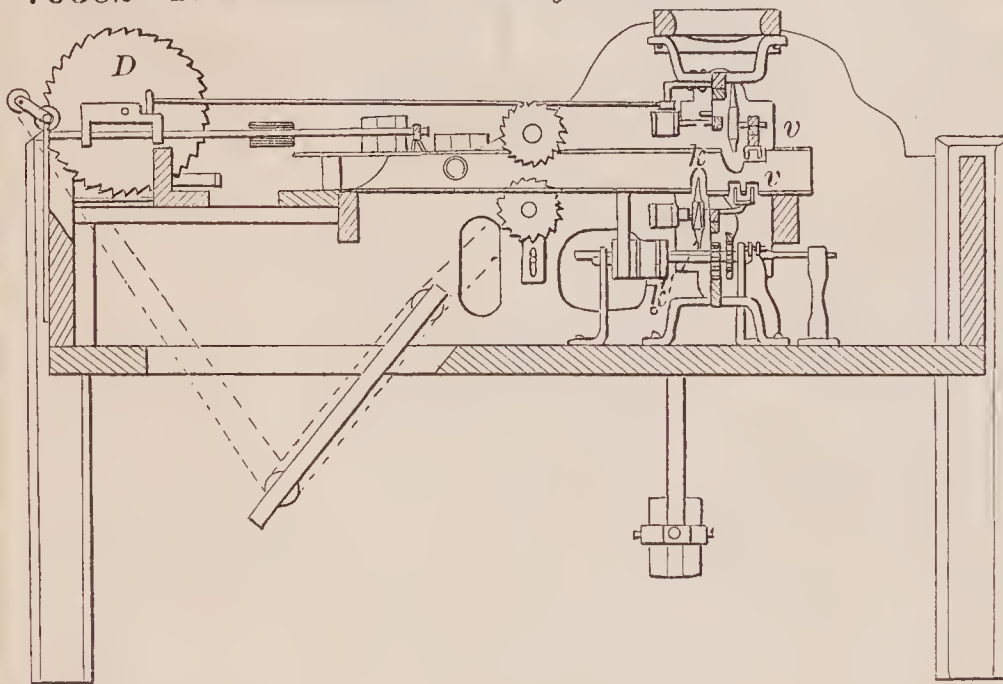
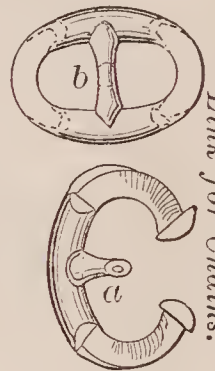
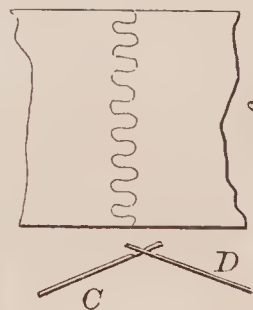
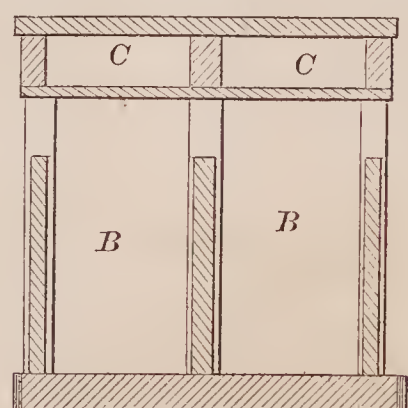
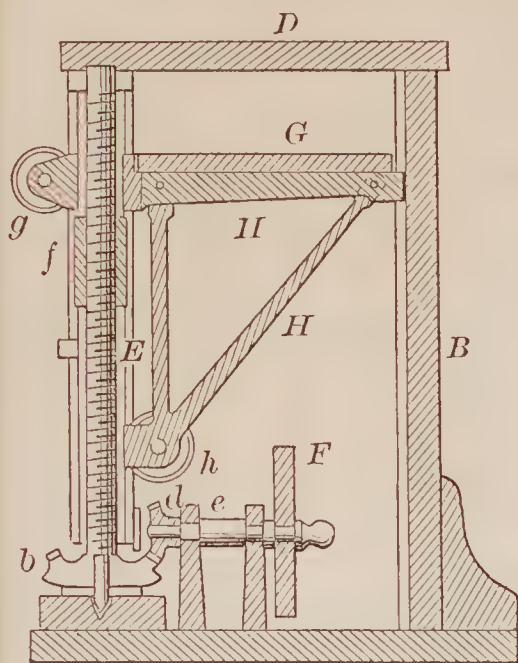


Fig. 2

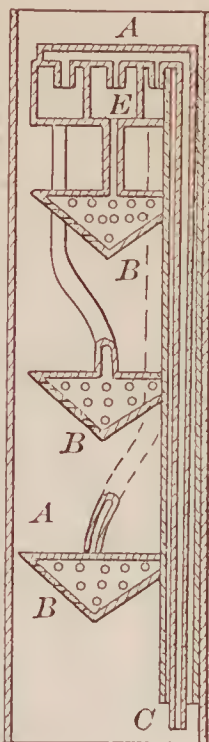
70376—W. A. Terry—Alarm Clock.

70377—J. Tobin—*Flour Sifter.*70378—W. F. Turner—*Umbrella.*70379—H. Tyler—*Pump.*70381—Walker & Wood—*Cultivator.*70382—F. W. White—*For Making Blind Slats.*70385—J. M. Alexander—*Tobacco Smoking Tube. B*70380—S. Vanstone—*Connecting Link for Chains.*70383—S. R. Wilmot—*Uniting Sheet Metal*70384—J. H. Aldrich—*Railroad Freight Car.*

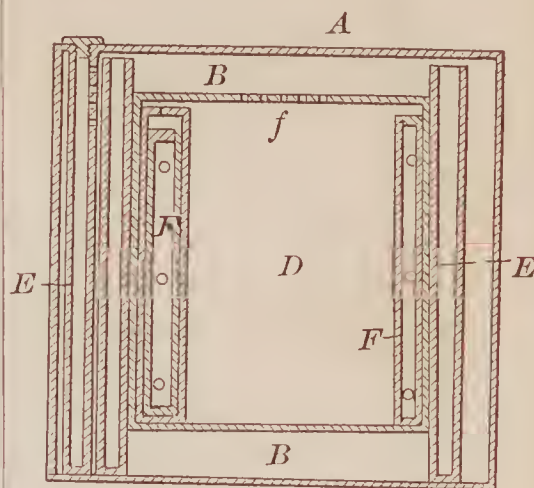
70387—E. H. Ashcroft—*Elevator.*



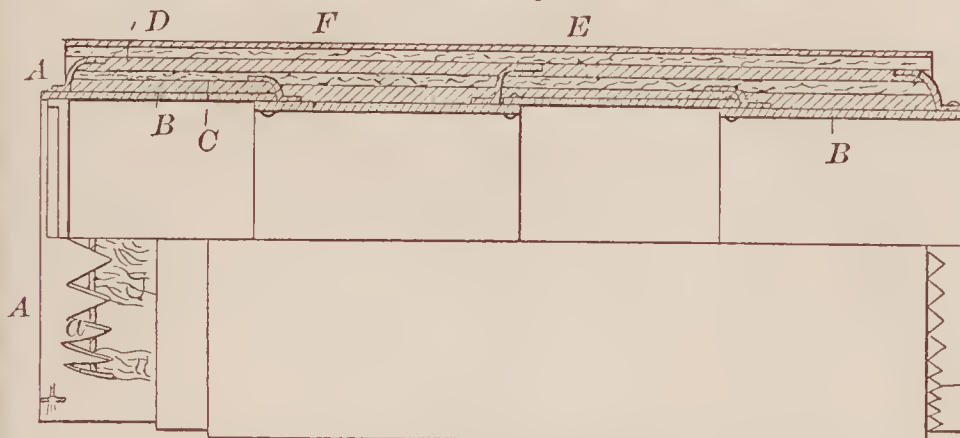
70389—E. H. Ashcroft—*Condenser.*



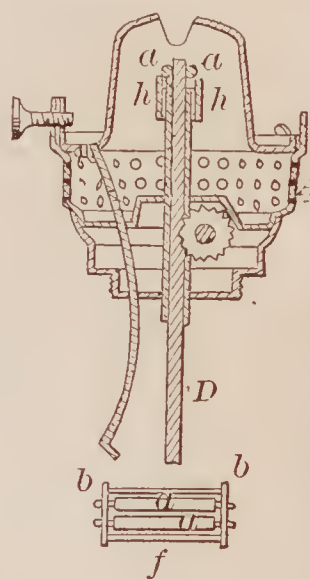
70390—E. H. Ashcroft—*Safe.*



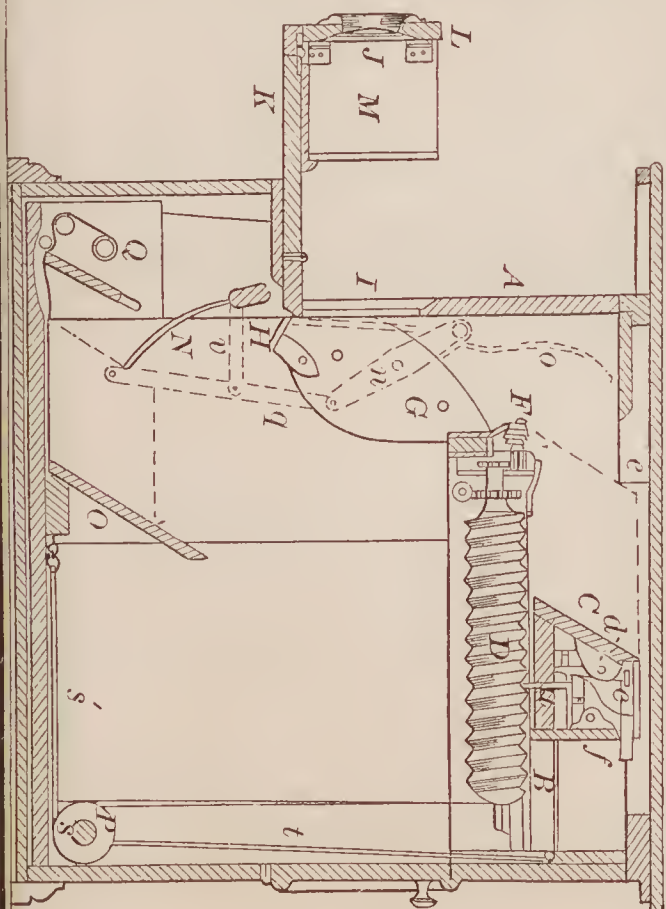
70388—E. H. Ashcroft—*Covering Steam Generators.*



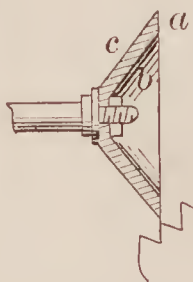
70392—W. P. Bennett—*Lamp Extinguisher.*



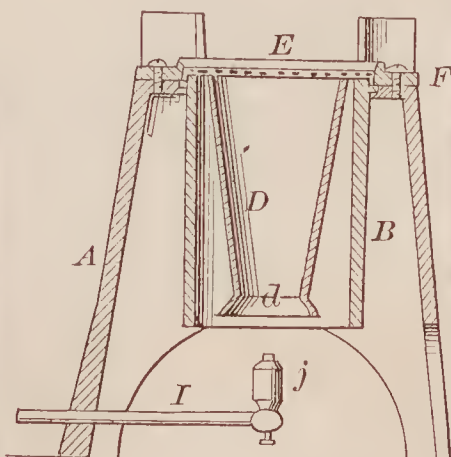
70391—G. Beigel—*Stereoscopic Apparatus.*



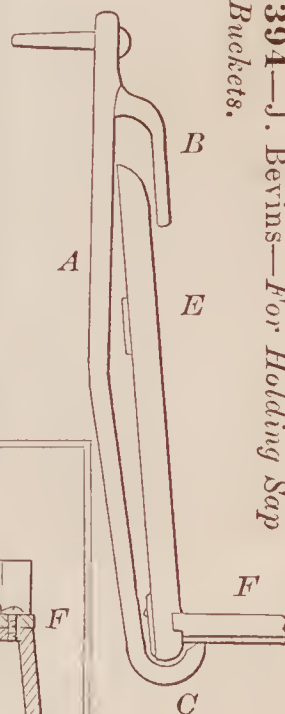
70393—G. L. Benton—*Emory Wheel for Grinding Saws.*

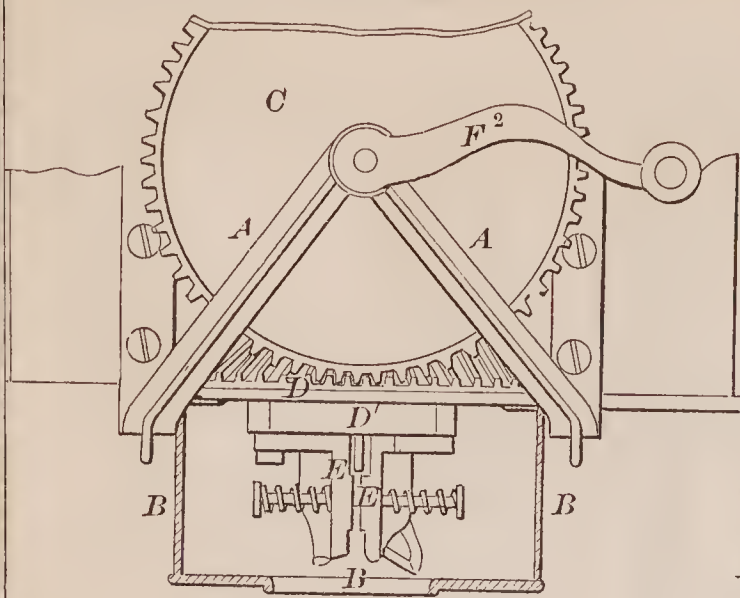
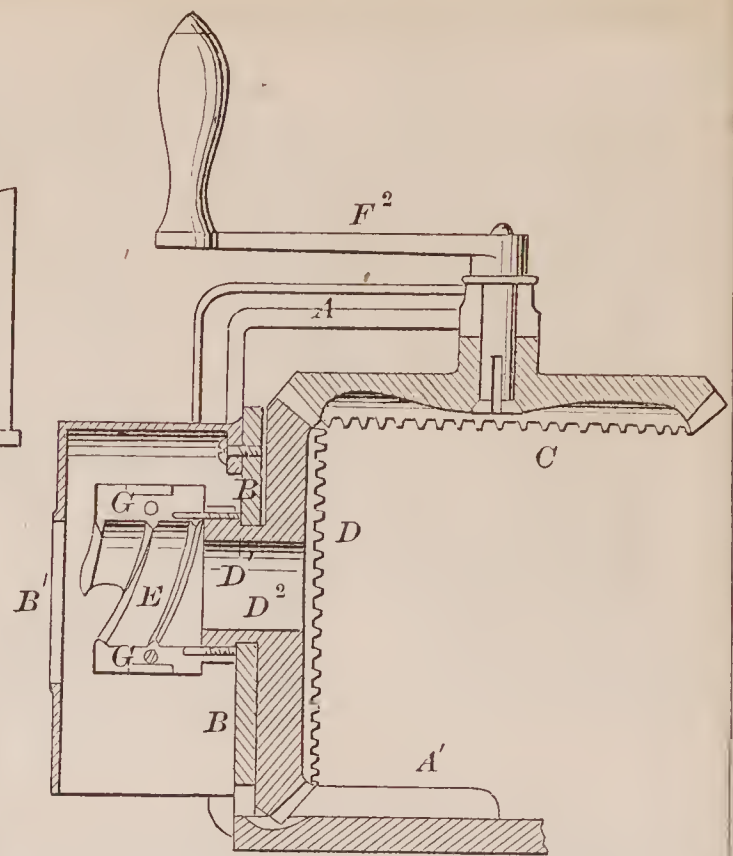
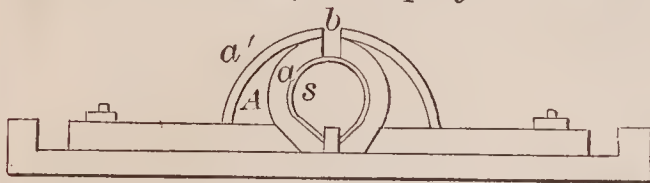
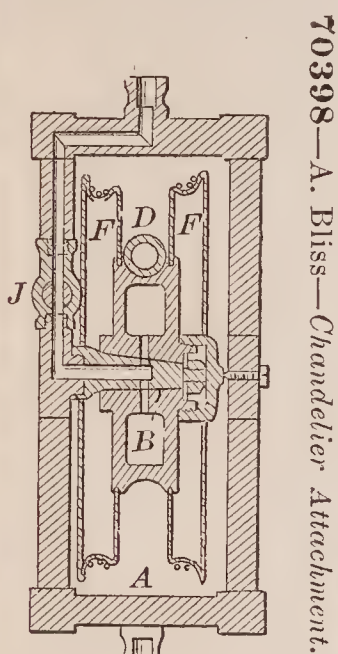
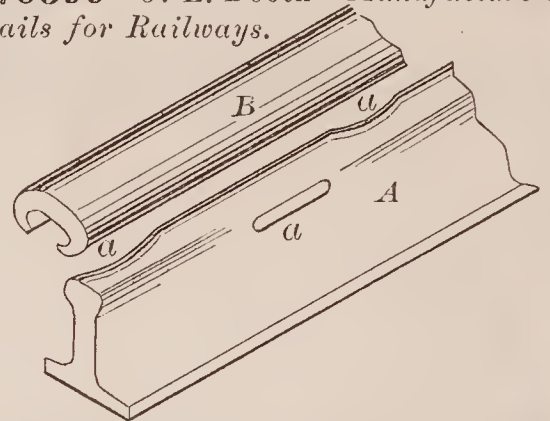
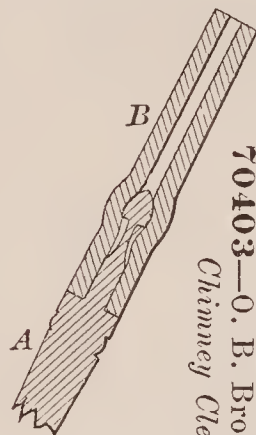
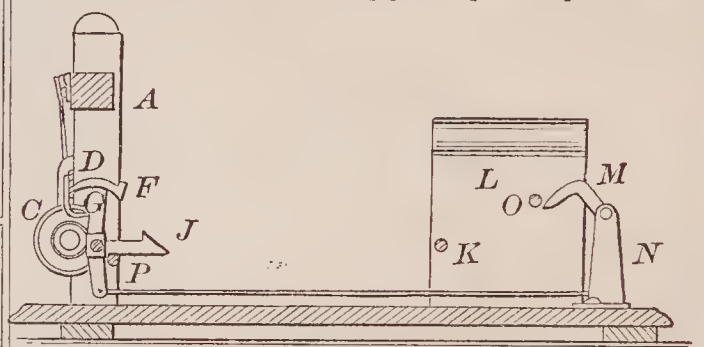
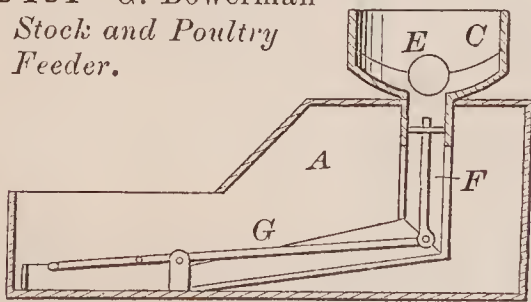
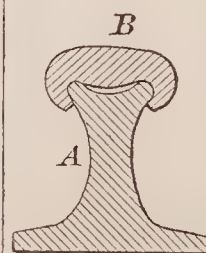
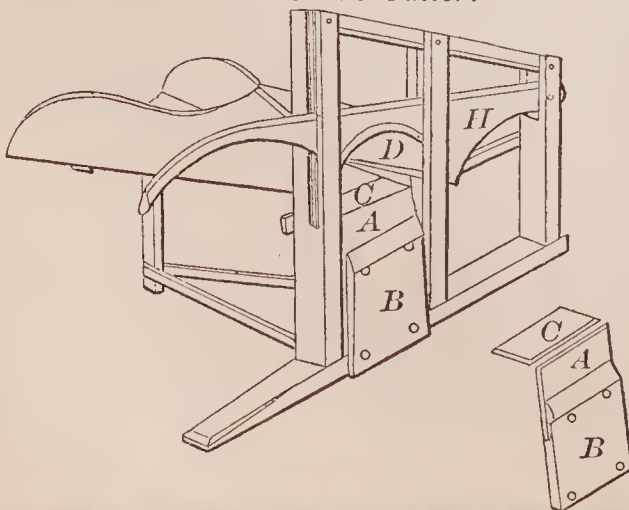
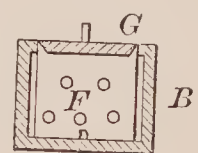
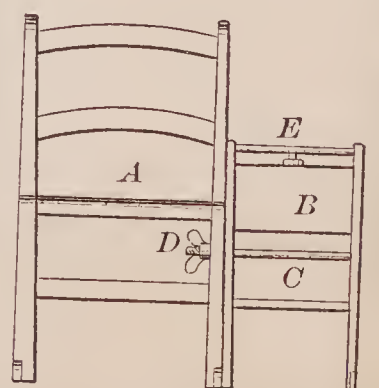


70395—J. Q. Birkey—*Gas Stove.*

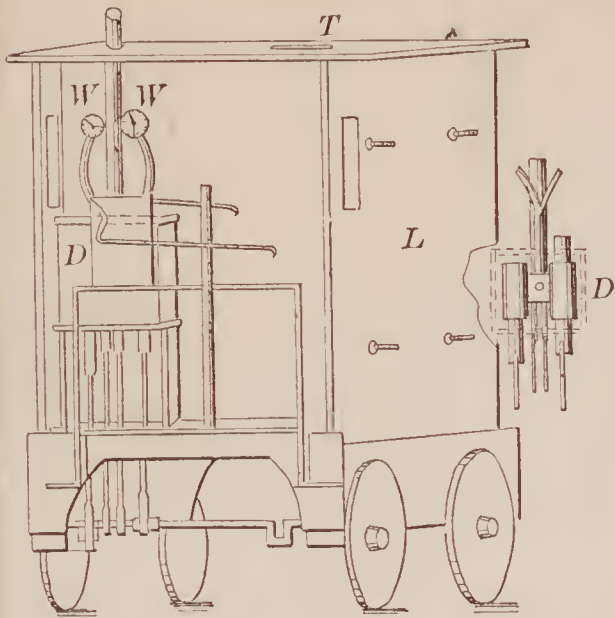


70394—J. Bervins—*For Holding Saps Buckets.*

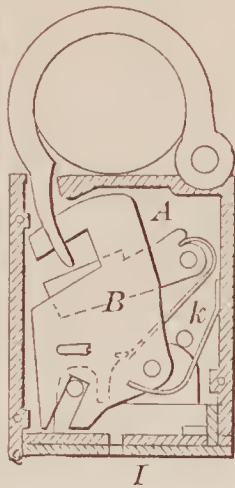


70396—T. W. Bishop—*Corn Sheller.*70397—M. Blakey—*Skelping Die.*70399—J. L. Booth—*Manufacture of Rails for Railways.*70398—A. Bliss—*Chandelier Attachment.*70403—O. B. Brown—*Lamp Chimney Cleaner.*70402—H. D. Briggs—*Spinning Jack.*70401—G. Bowerman—*Stock and Poultry Feeder.*70404—A. Buch—*Straw Cutter.*70400—J. L. Booth—*Manufacture of Rails for Railways.*70406—Byrns & Stannard—*Churn.*

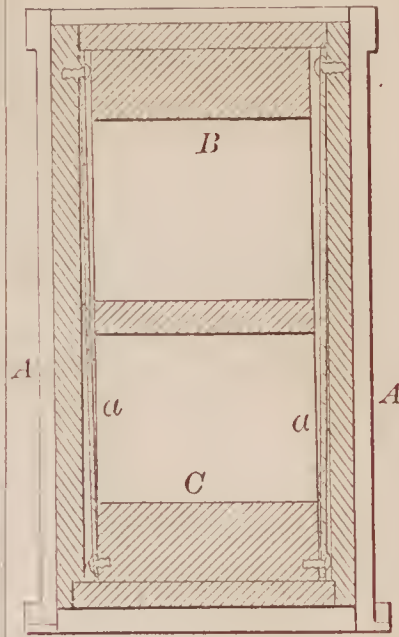
70407—C. W. Cahoon—*Steam Engine.*



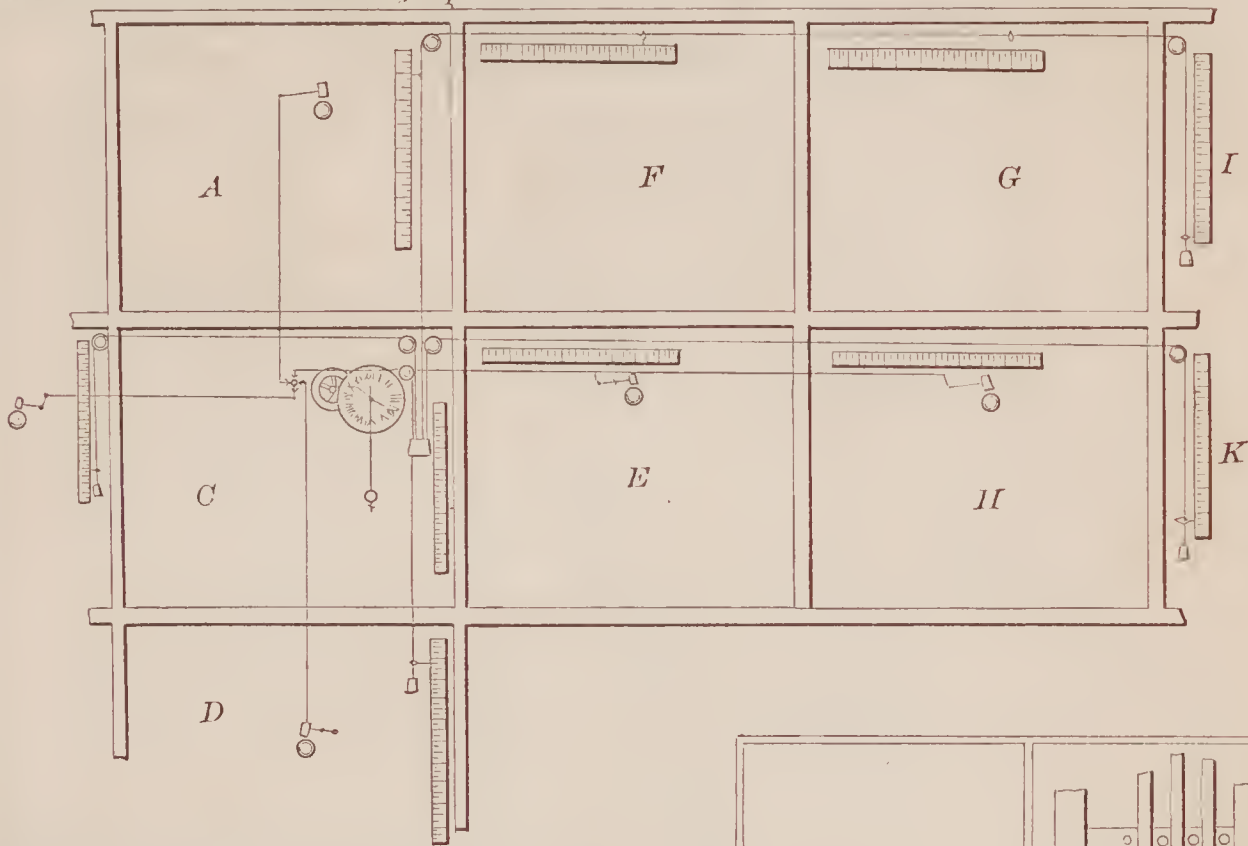
70409—J. L. Chambers—*Register Padlock.*



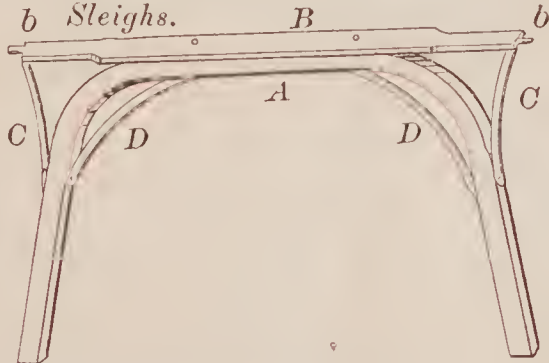
70411—S. A. Chase—*Elastic Sash Elevator.*



70410—J. Chandler—*Telegraph Clock.*



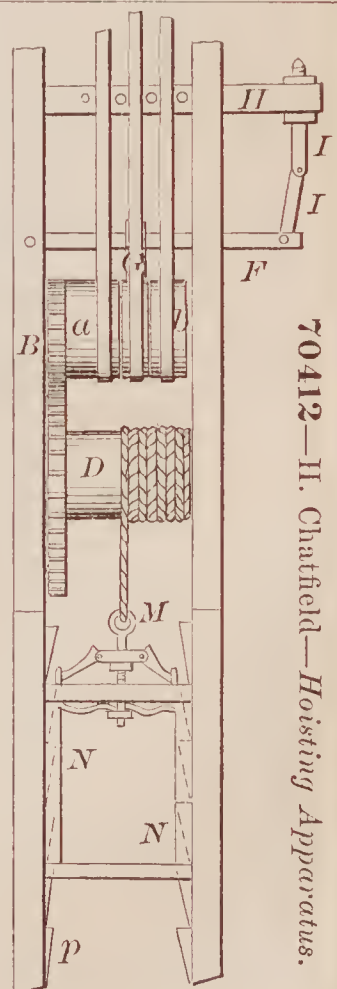
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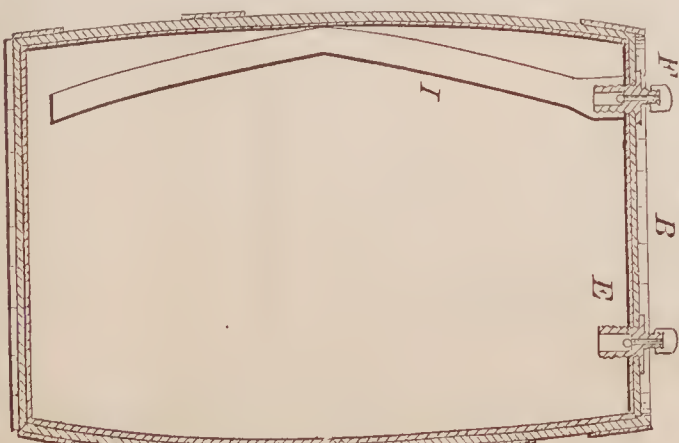
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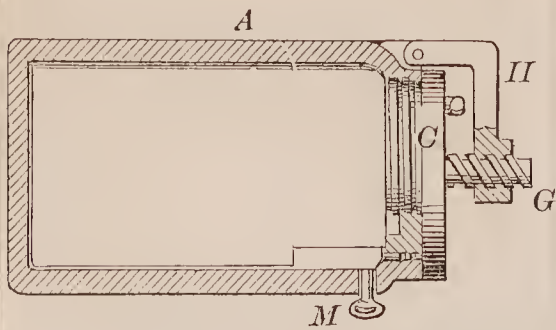
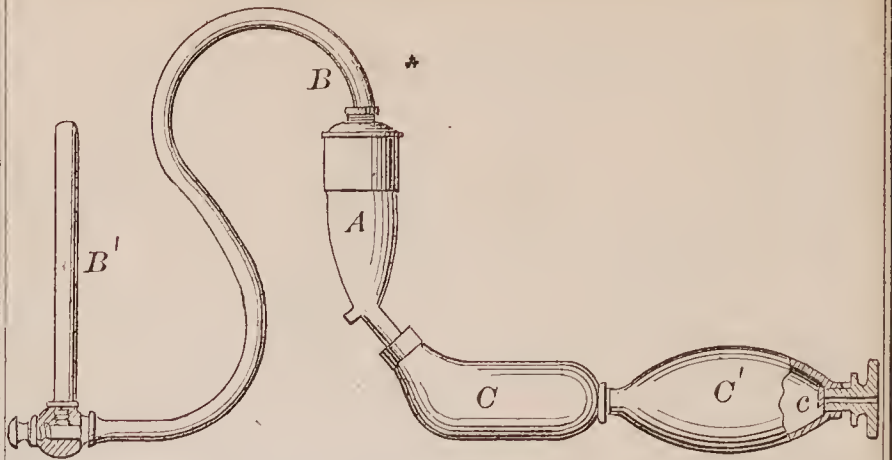
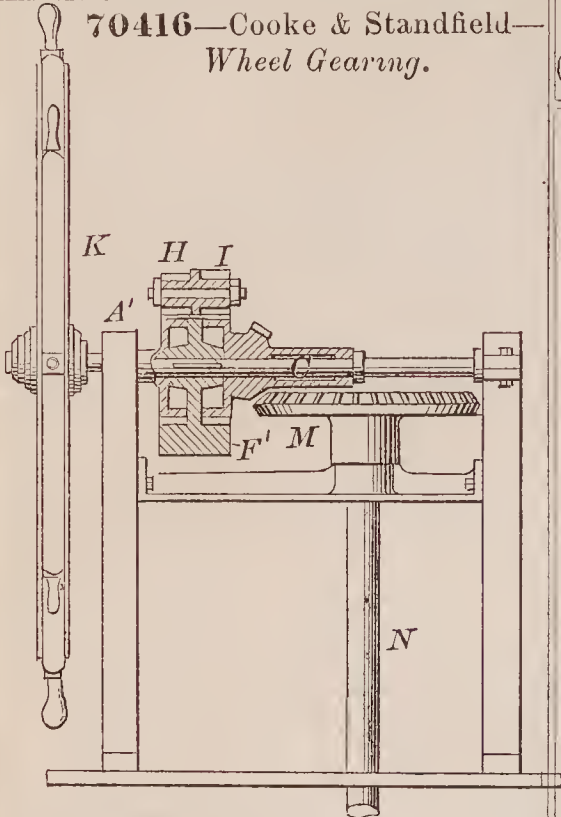
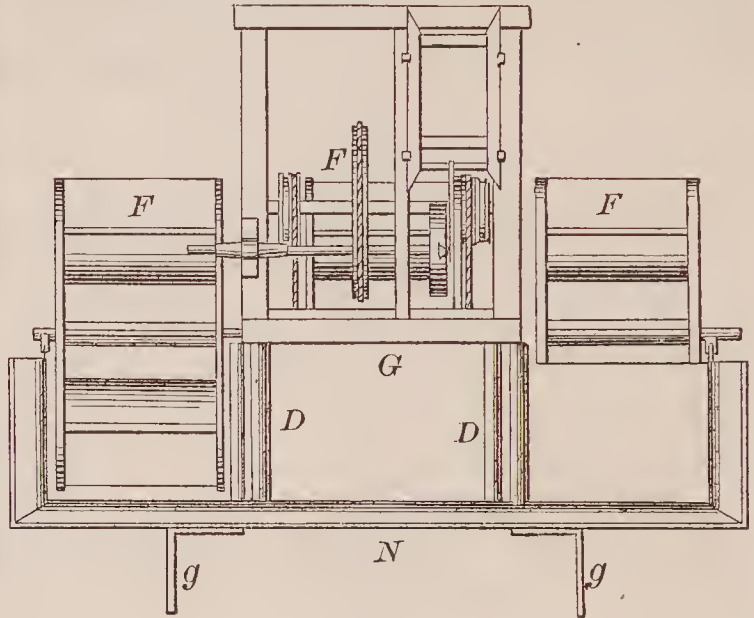
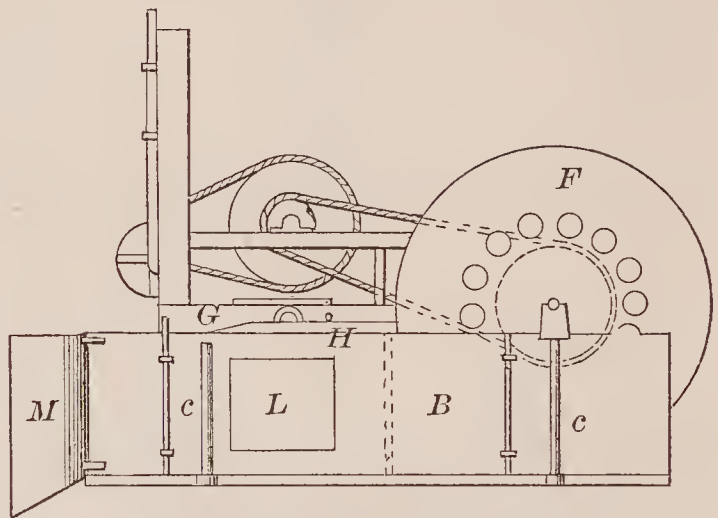
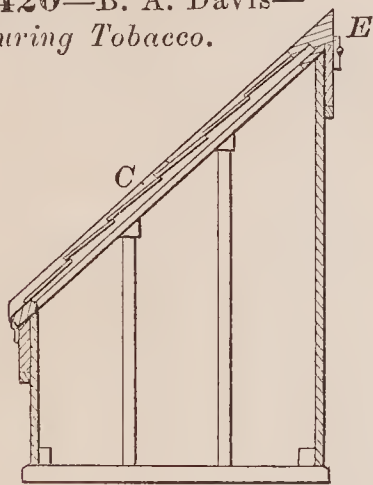
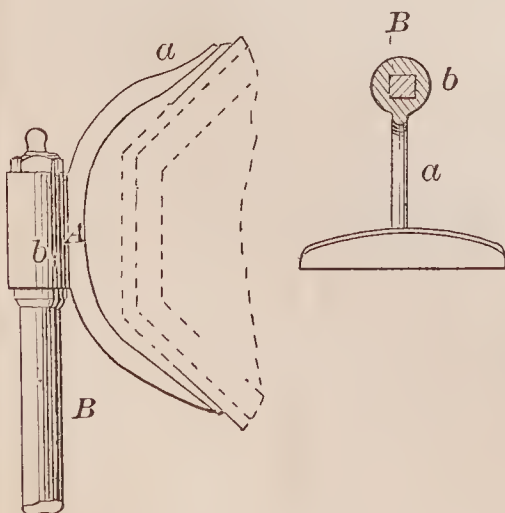
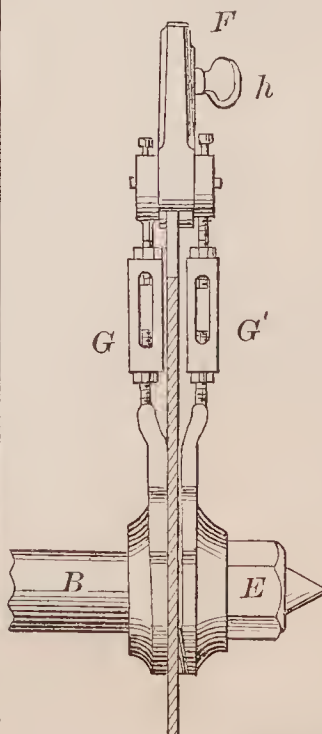
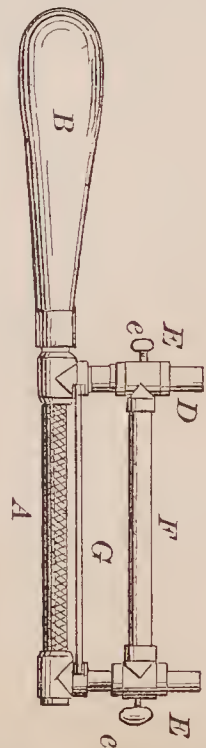


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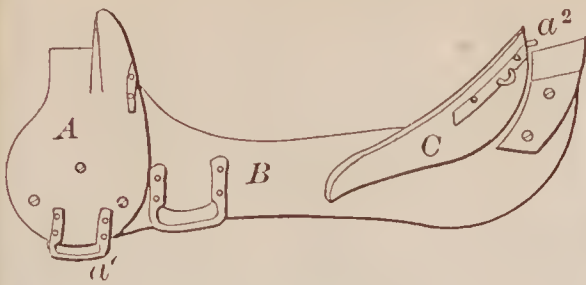


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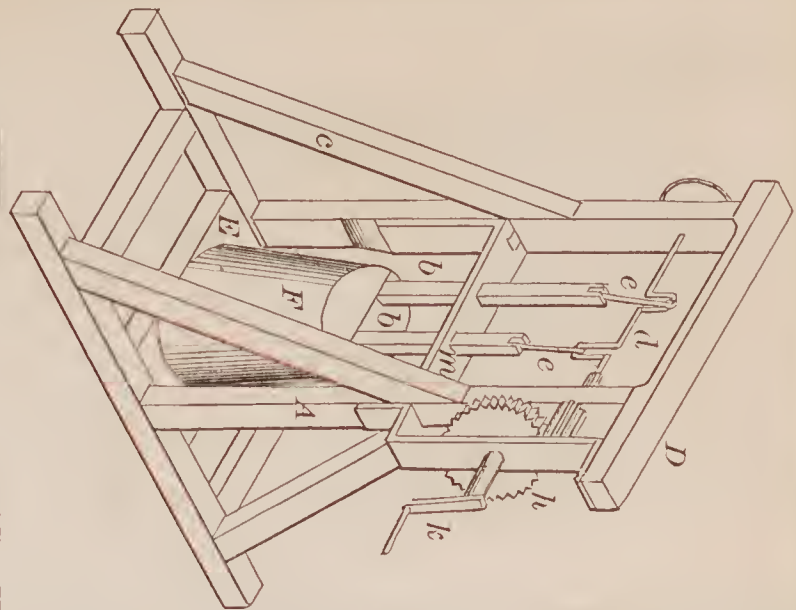


70415—T. Cook—*Fireproof Safe.***70418**—M. Crohn—*Veterinary Narcotic Injector.***70416**—Cooke & Standfield—*Wheel Gearing.***70419**—C. Daniels—*Floating Water Power.***70420**—B. A. Davis—*Curing Tobacco.***70422**—M. De Voursney—*Fastening for Coach Lamps.***70423**—H. Disston—*For Setting Saw Teeth.***70424**—H. Disston—*For Sharpening Saw Teeth.*

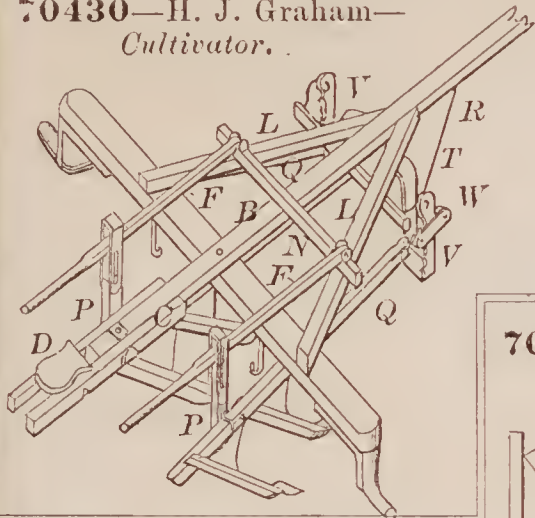
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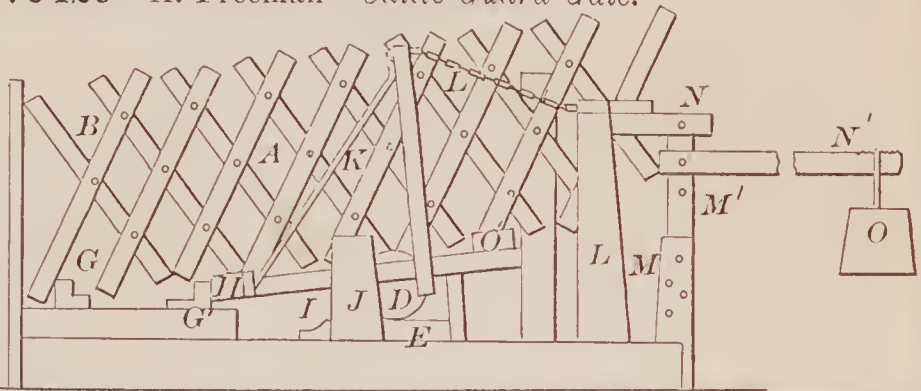
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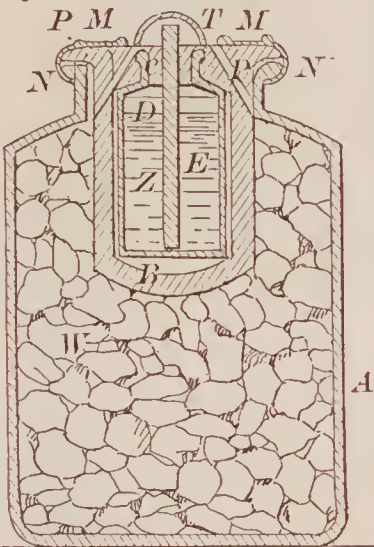
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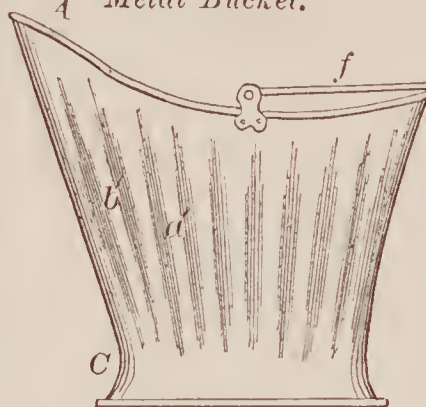
70429—A. Freeman—*Cattle Guard Gate.*



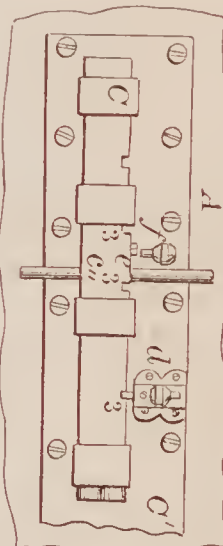
70426—Elmer & Hubert—*Ozone Generator.*



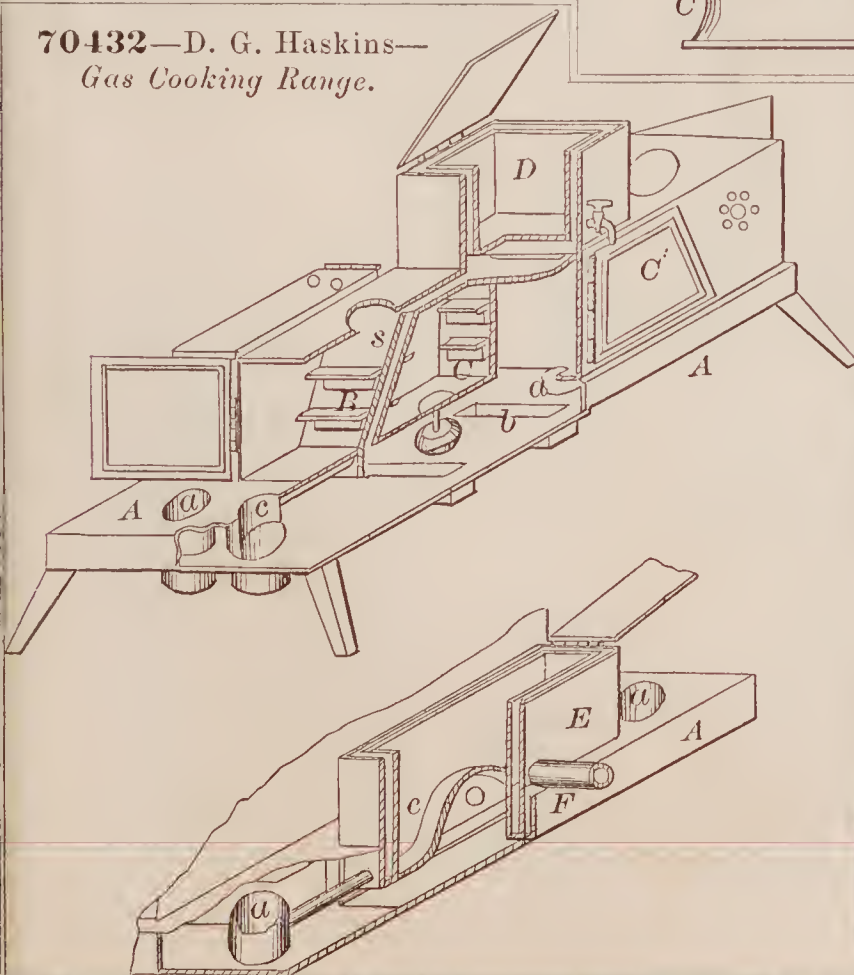
70427—J. Fallows—*Sheet Metal Bucket.*



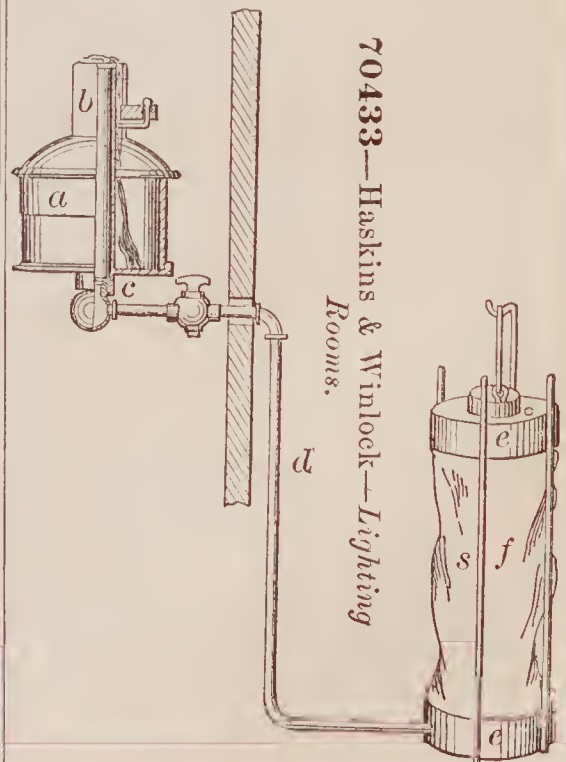
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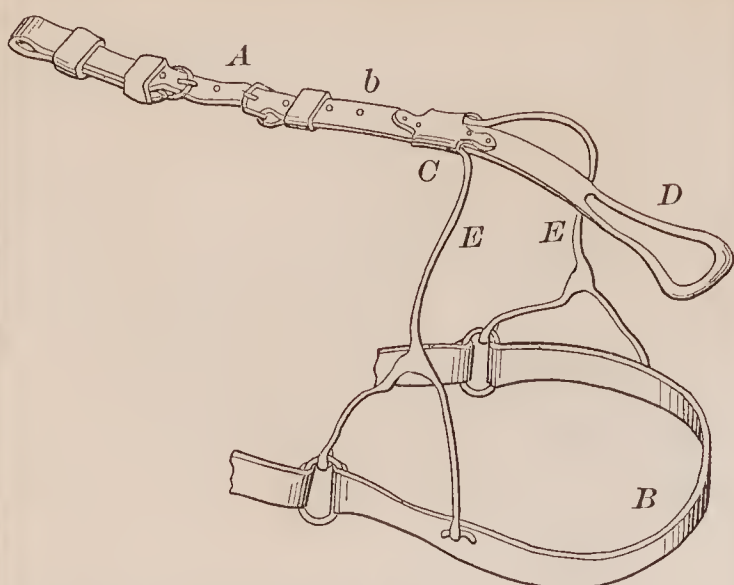
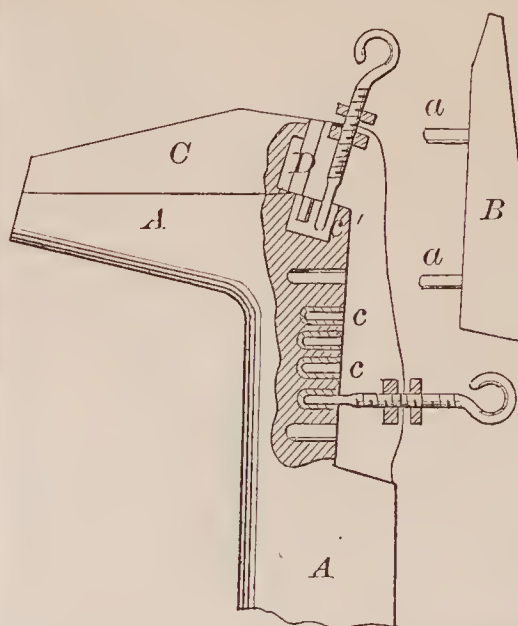
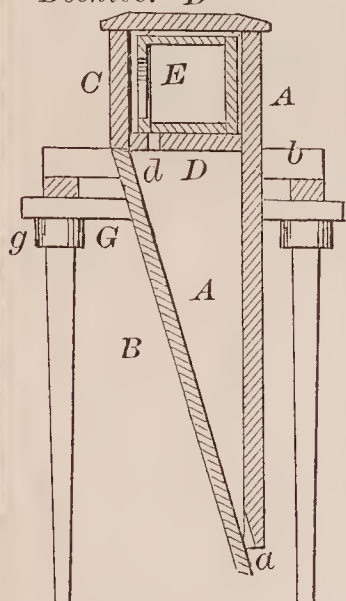
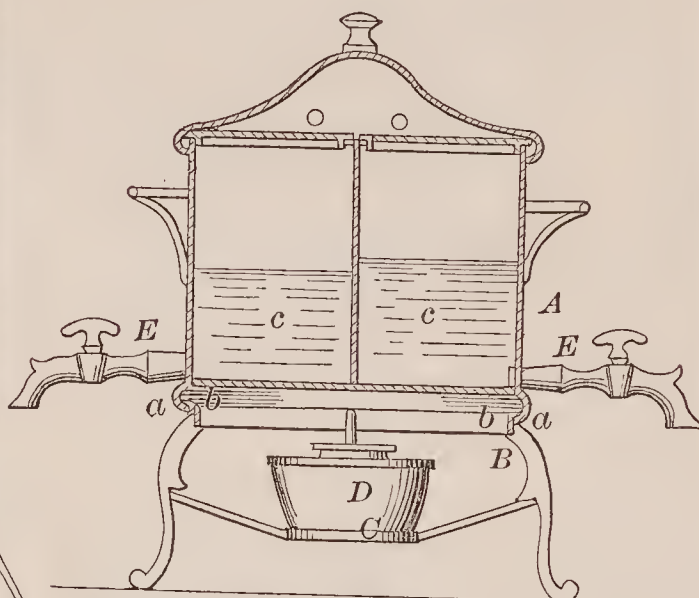
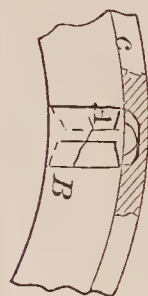
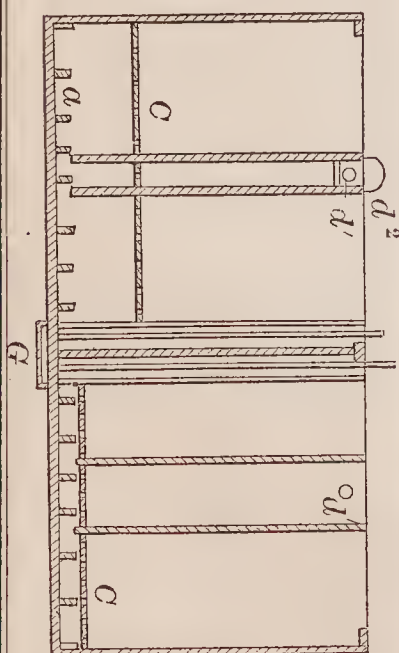
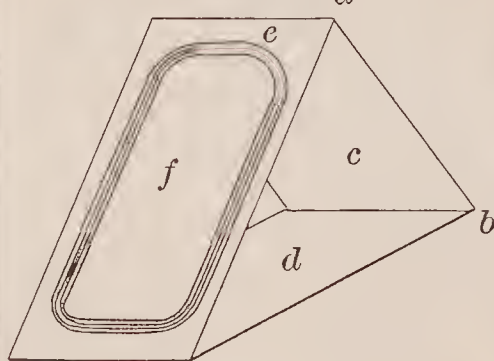
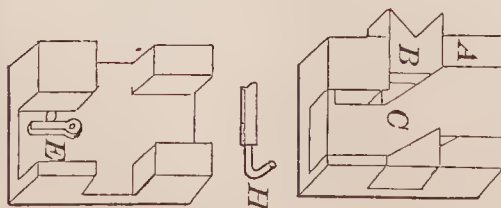
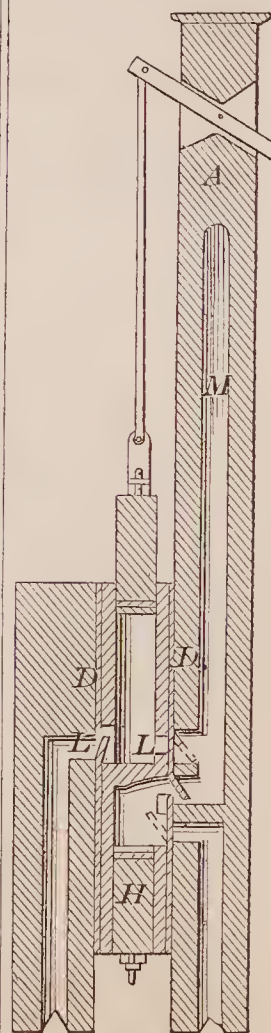


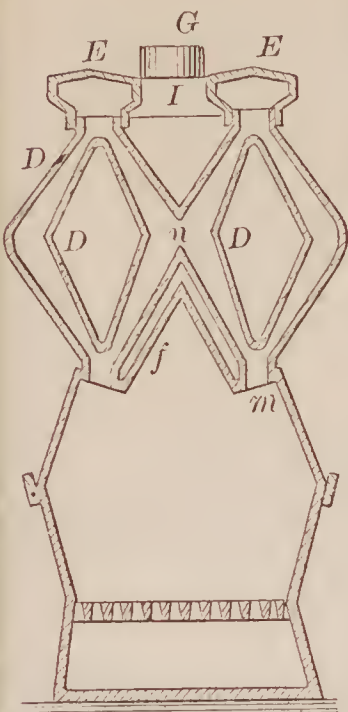
70432—D. G. Haskins—*Gas Cooking Range.*



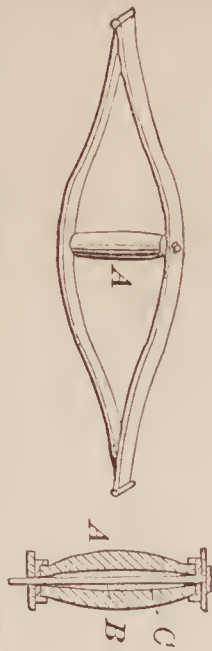
70433—Haskins & Winlock—*Lighting Rooms.*



70434—N. T. Healy—*Harness.*70440—Kali & Andrews—*Boot Crimp.*70436—J. Hiestand—*Beehive. D'*70441—E. Kaufmann—*Table Urn.*70438—H. & H. Inman—*Securing Ends of Fellos.*70439—J. W. Jones—*For Making Extracts from Bark.*70442—C. A. Kihlgren—*Picture Envelope. a*70444—G. B. Kirkham—*Window Fastening.*70443—J. T. Kimbel—*Pump.*

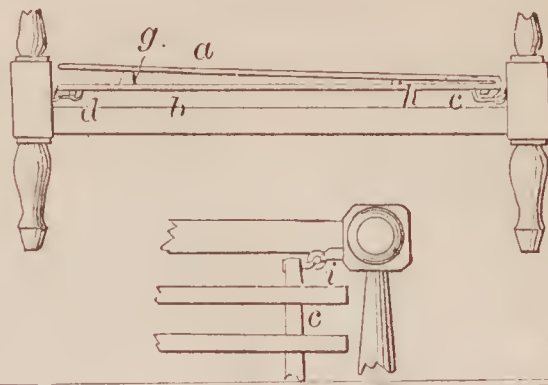


70445—J. A. Lawson—Hot Air Furnace.

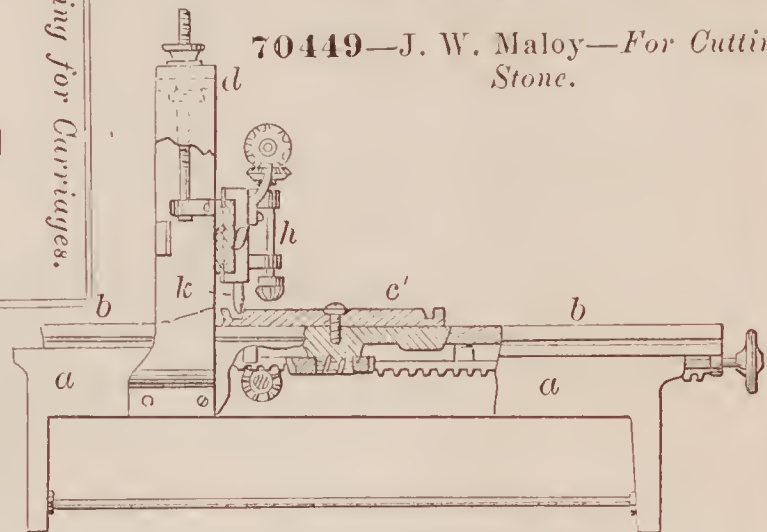


70446—T. Long—Elastic Spring for Carriages.

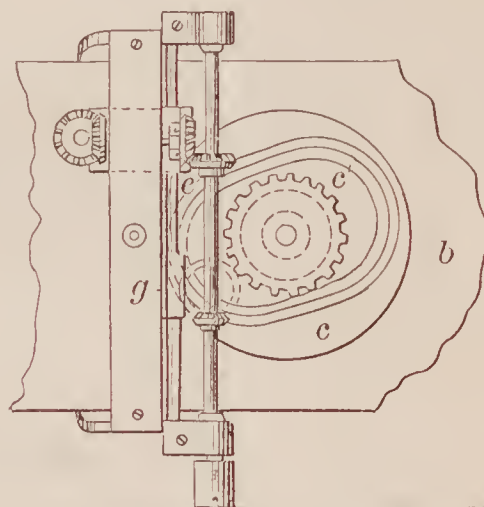
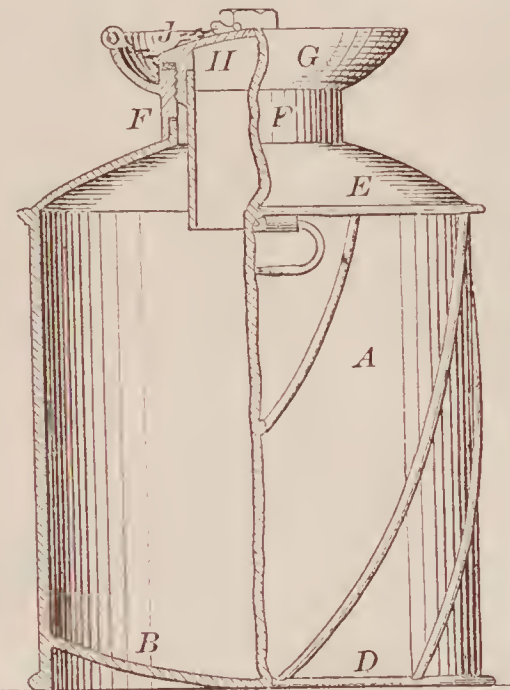
70448—J. I. Mabbett—Bed Bottom.



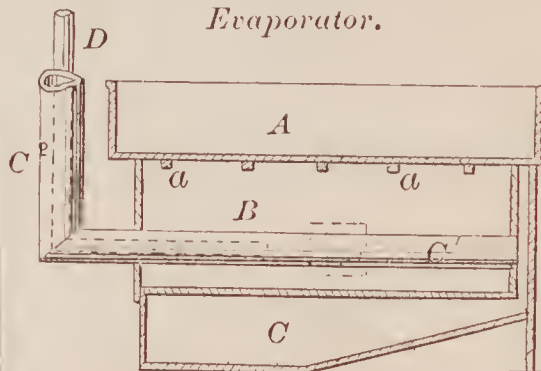
70449—J. W. Maloy—For Cutting Stone.



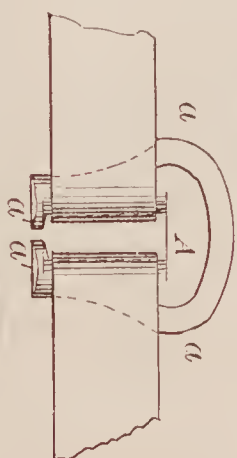
70450—McAvoy & Mills—Milk Can.



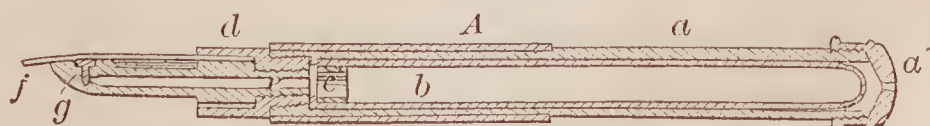
70451—S. McWorter—Sorghum Evaporator.



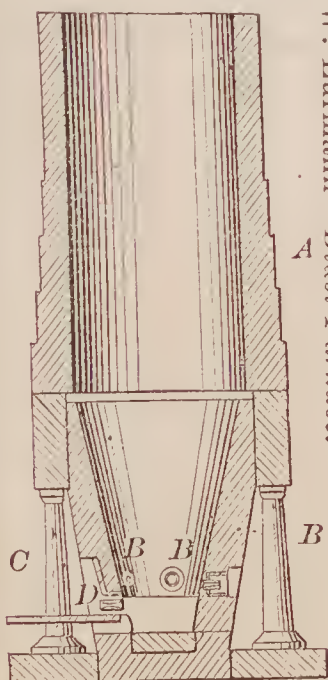
70452—H. B. Merritt—Cotton Bale Tie.



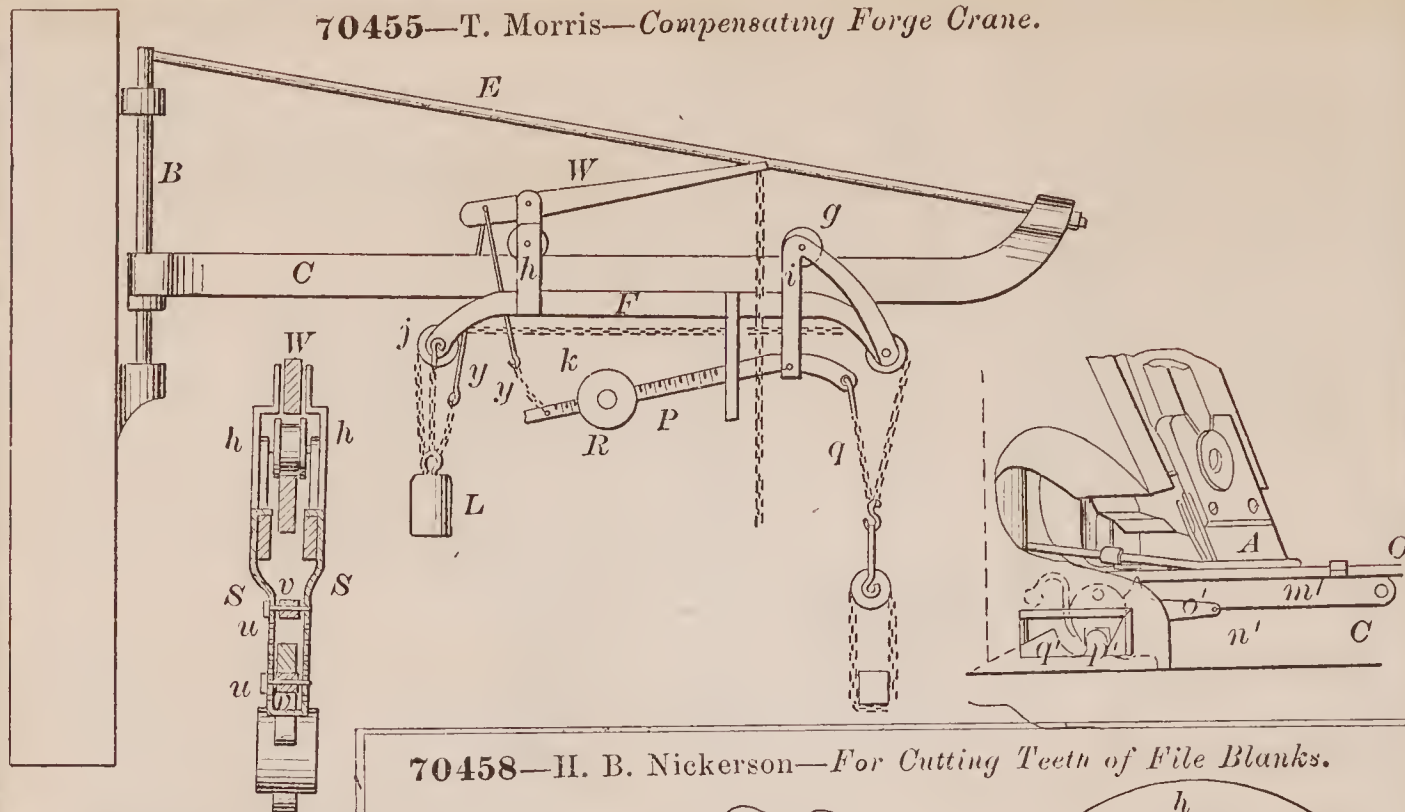
70453—G. R. Metten—Fountain Pen.



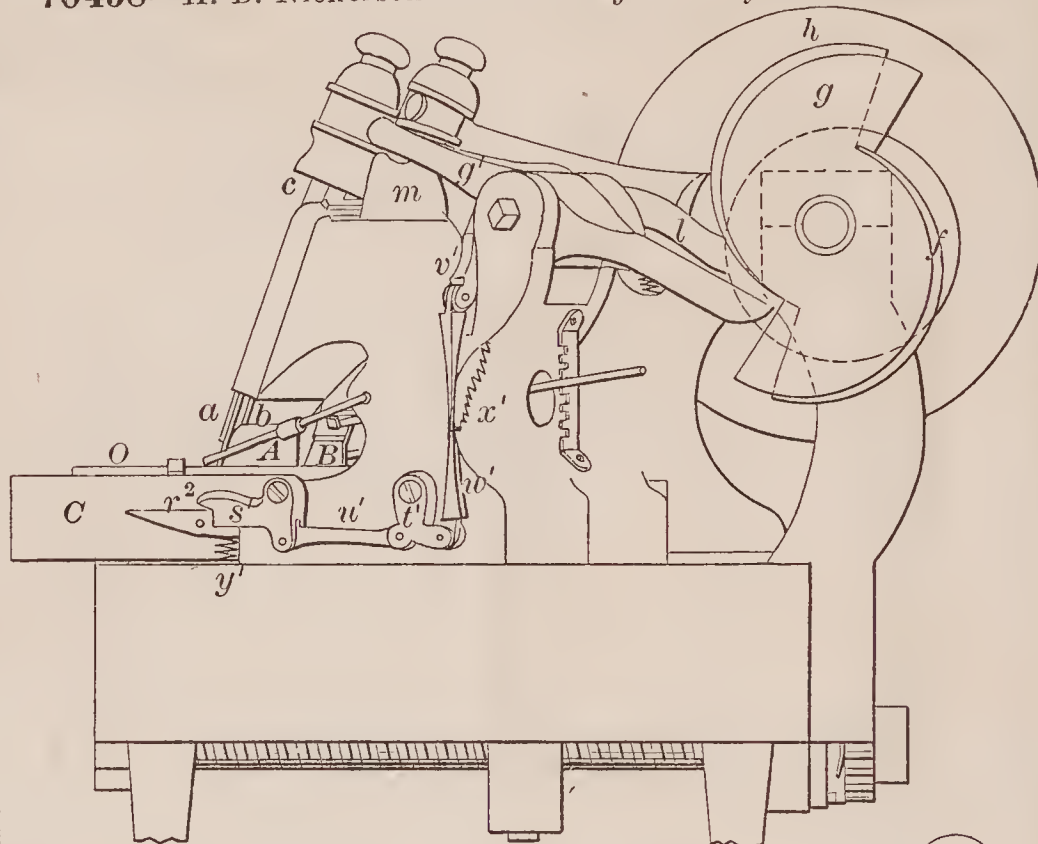
70447—F. W. Lurmann—Blast Furnace.



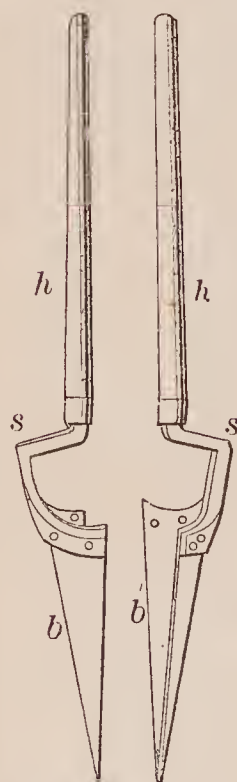
70455—T. Morris—Compensating Forge Crane.



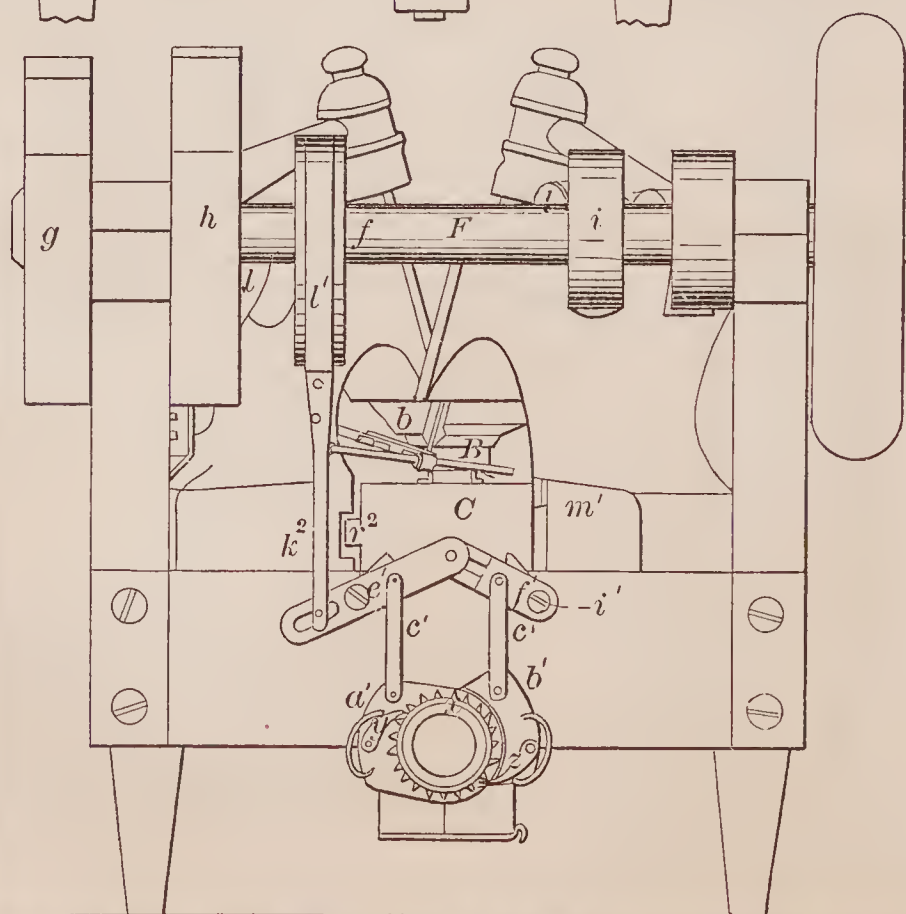
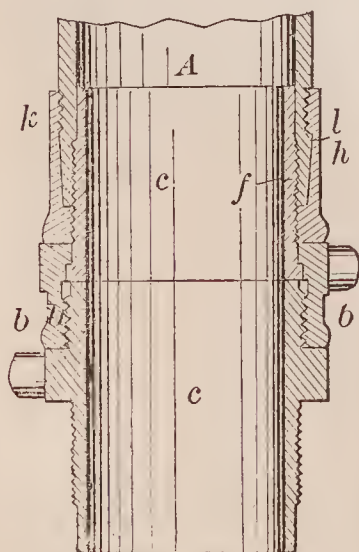
70458—H. B. Nickerson—For Cutting Teeth of File Blanks.



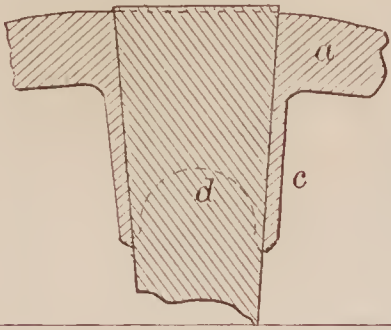
70457—E. G. Nichols—For Transplanting Flowers.



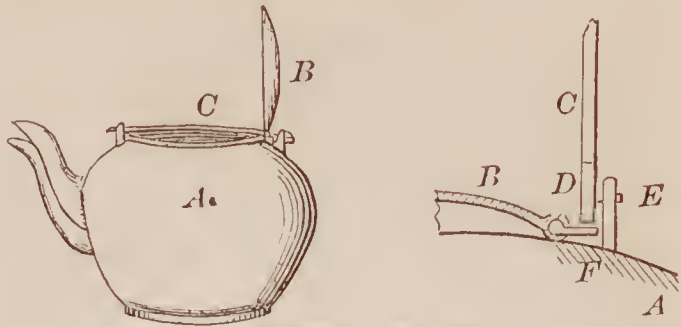
70456—A. J. Morse—Hose Coupling.



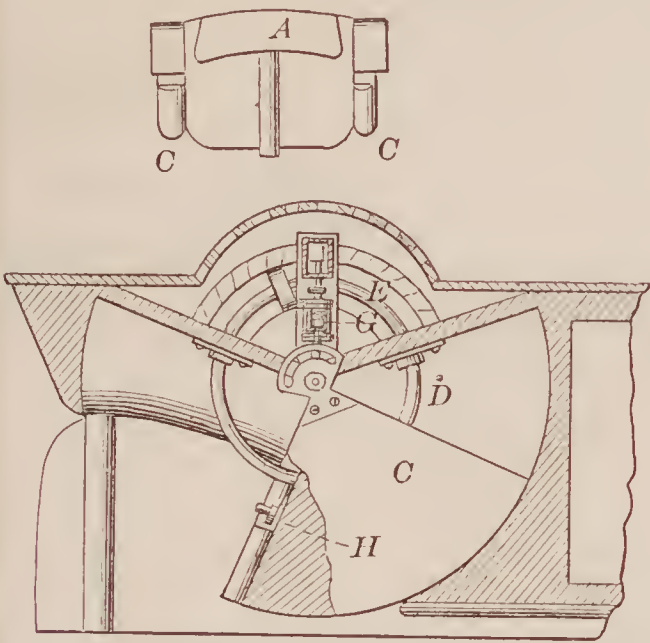
70459—G. Nimms—*Eye for Pickaxes.*



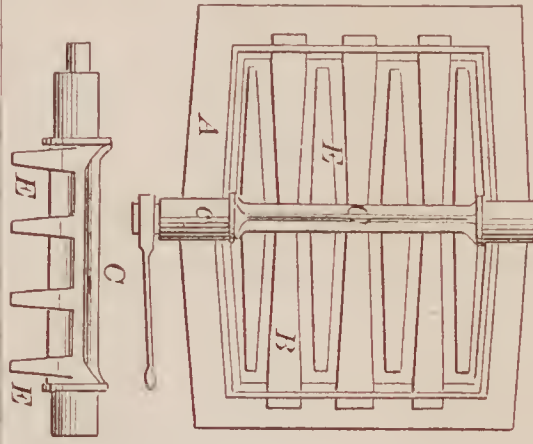
70461—W. W. Page—*Cover for Tea Kettles, &c.*



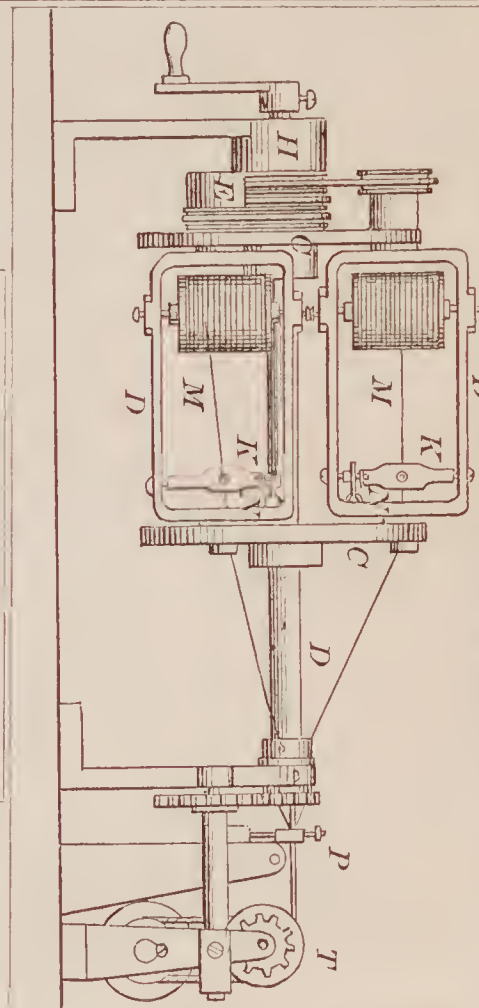
70460—C. M. O'Hara—*Propeller for Vessels.*



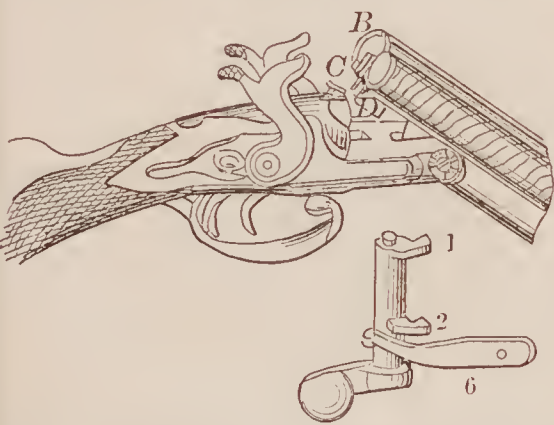
70462—P. A. Palmer—*Grate.*



70466—H. Perkins—*Rope Making Machine.*



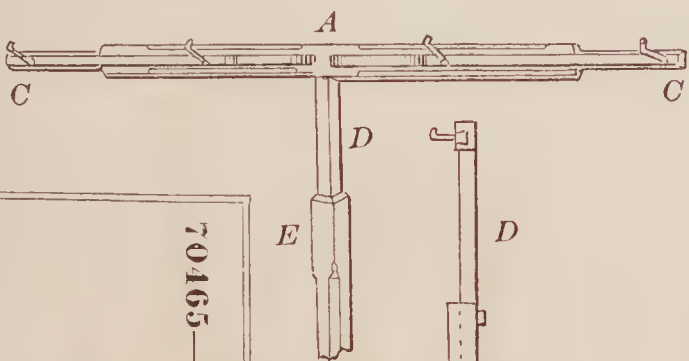
70463—W. R. Pape—*Breech-Loading Fire Arm.*



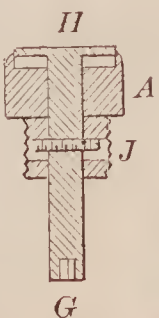
70464—R. Parks—*Tag.*



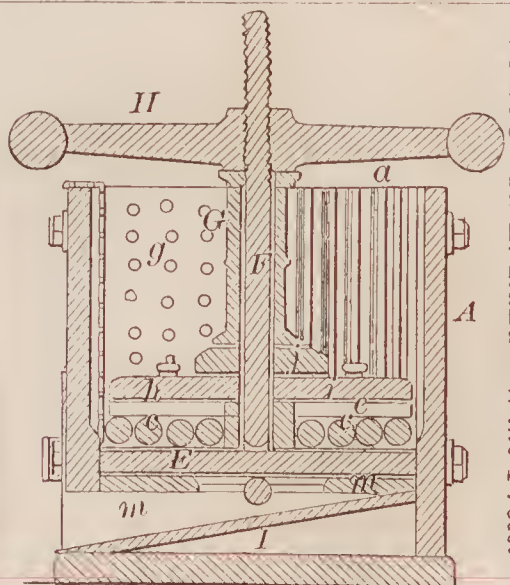
70467—W. F. Phelps—*For Suspending Maps.*



70465—E. Paulus—*Watch Key.*



70468—A. L. Rand—*Wine Press.*



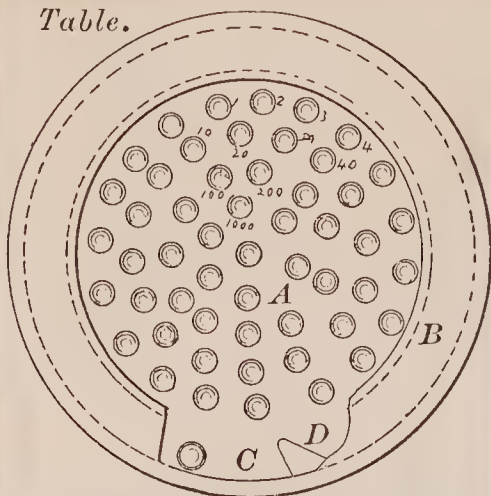
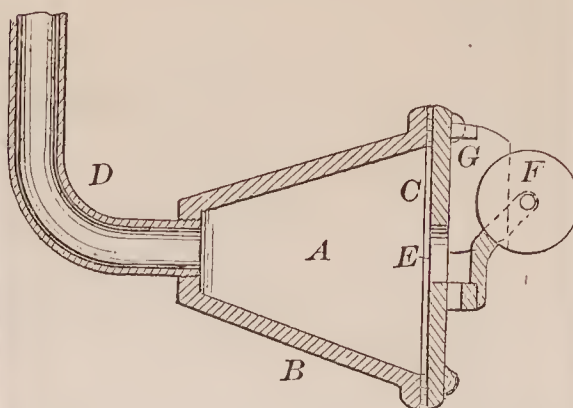
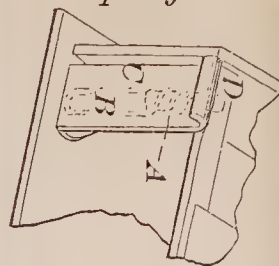
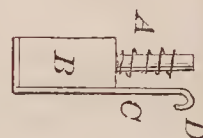
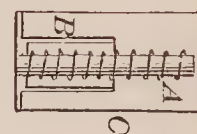
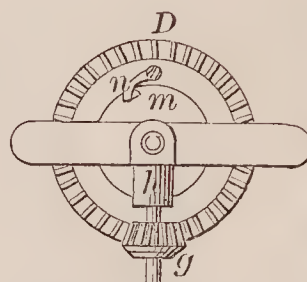
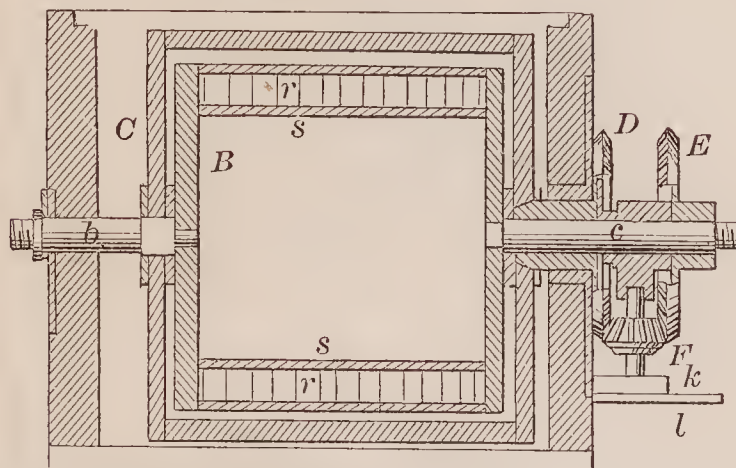
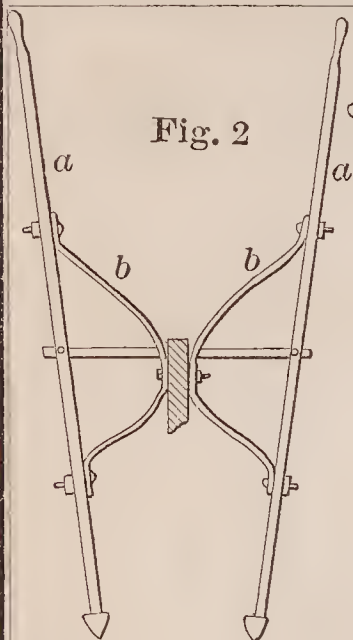
70469—L. Raymond—*Game Table.*70471—A. R. & N. B. Reynolds—*Tempering Steel.*70475—W. Scott—*Carriage Seat Spring.*70470—T. Rettew—*Churn.*70472—Rice & Hitchcock—*Horse Hoe.*

Fig. 2

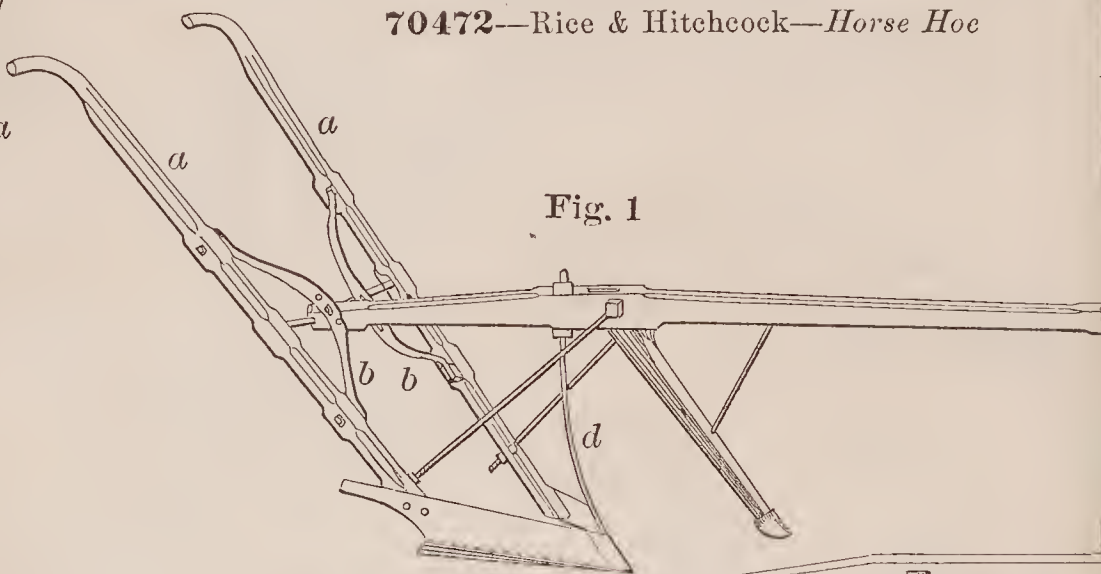
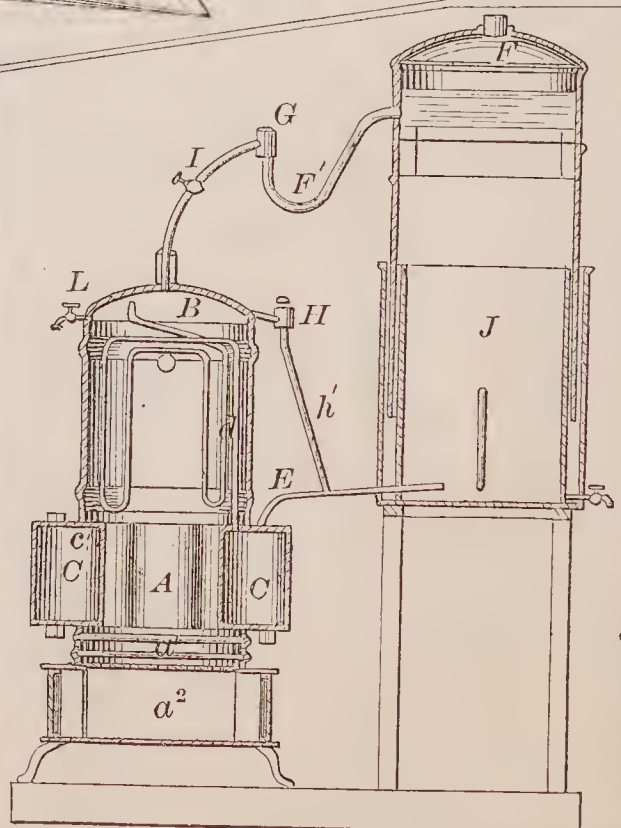
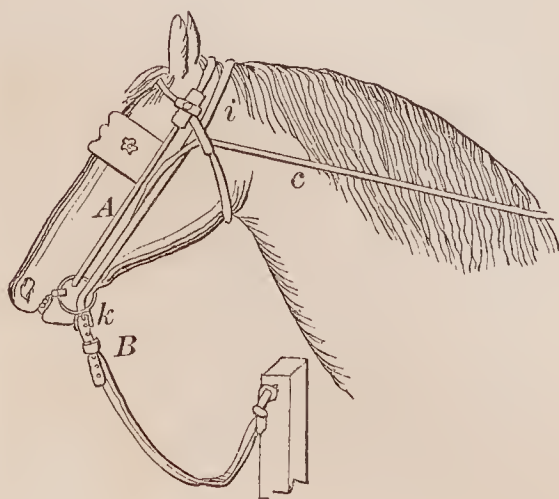
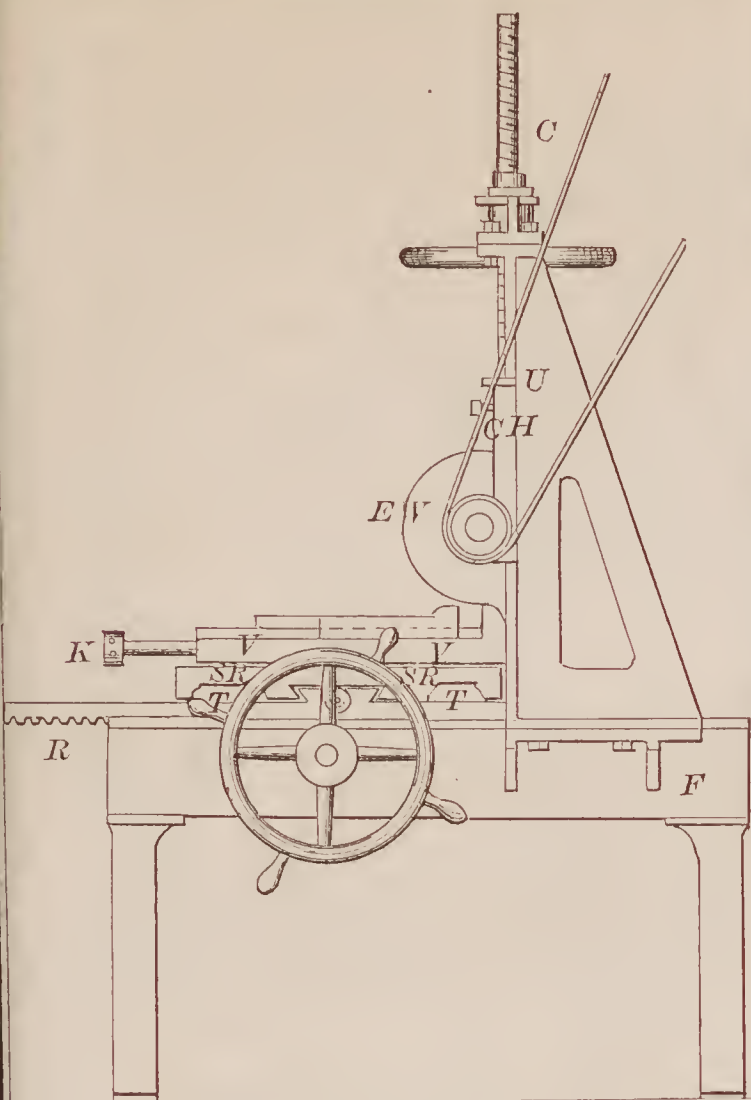


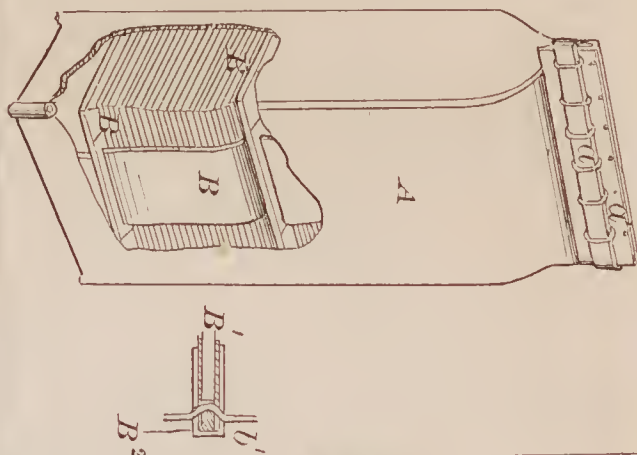
Fig. 1

70473—A. J. Ross—*Hitching Strap.*70477—W. M. Sloane—*Gas Generating Furnace.*

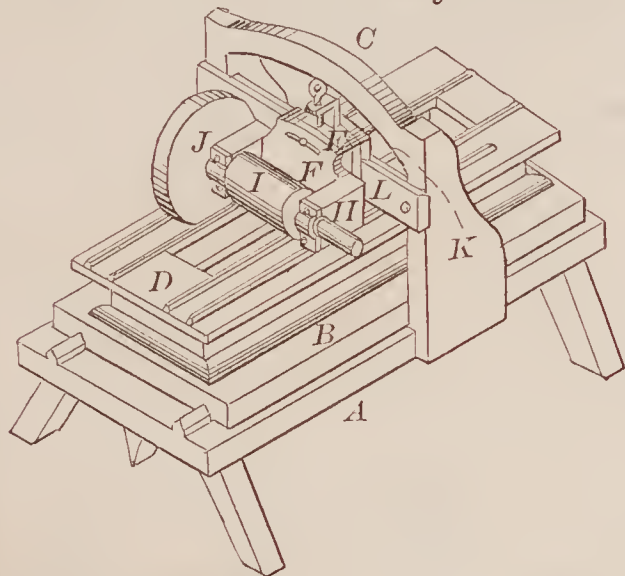
70479—J. H. Sternbergh—*Metal Planer.*



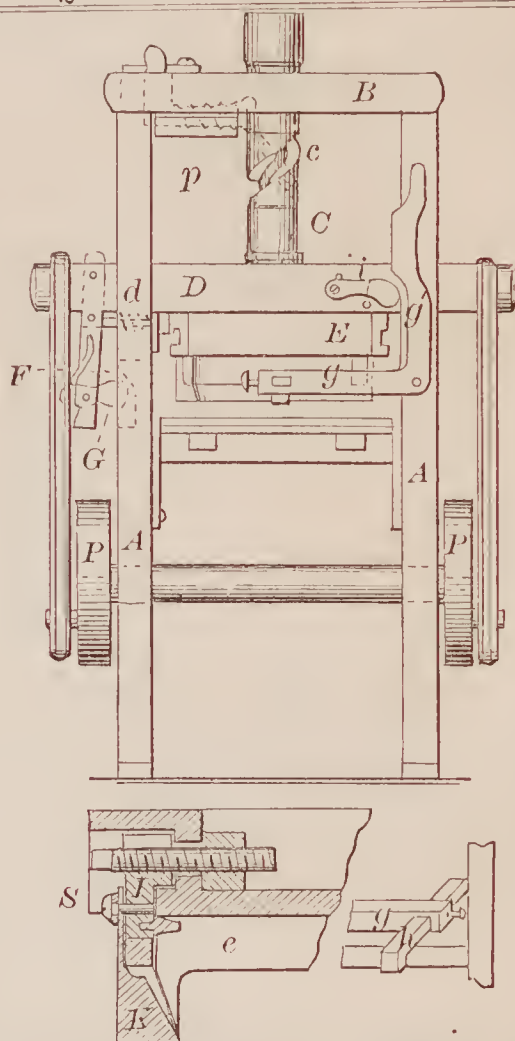
70480—Stevens & Knight—*Mail Bag.*



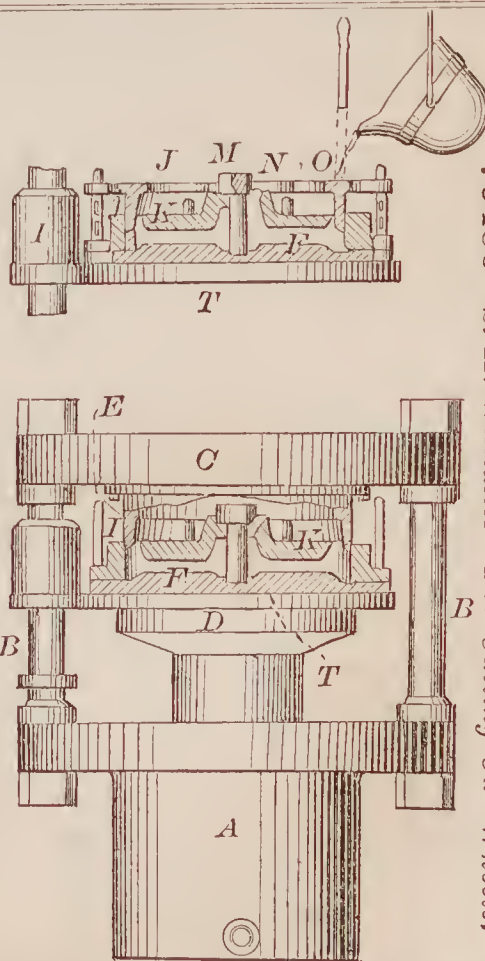
70483—A. Thomas—*Lathe Way Smoother.*



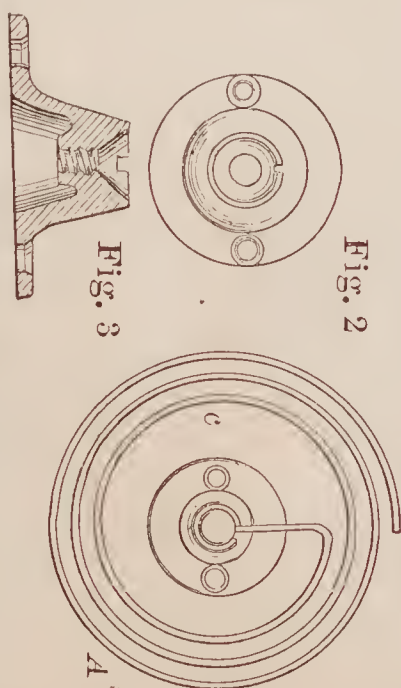
70481—E. M. Stevens—*For Cutting Boot and Shoe Soles.*



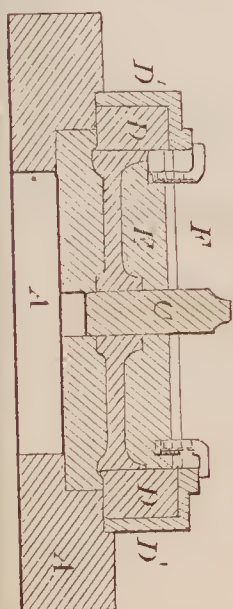
70486—S. H. Whitaker—*For Casting Car Wheels.*



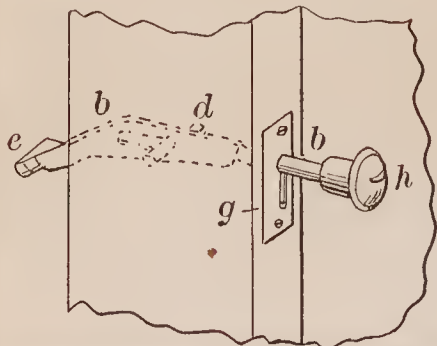
70484—H. C. Thompson—*Wire Bell for Clocks.*



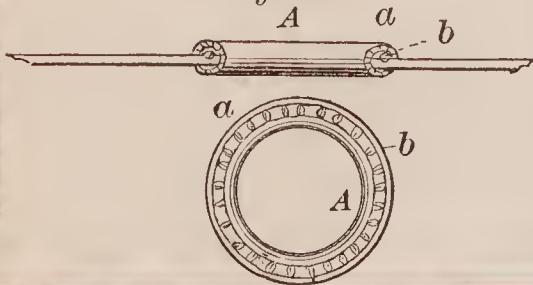
70482—J. B. Tarr—*Mould for Casting Car Wheels.*



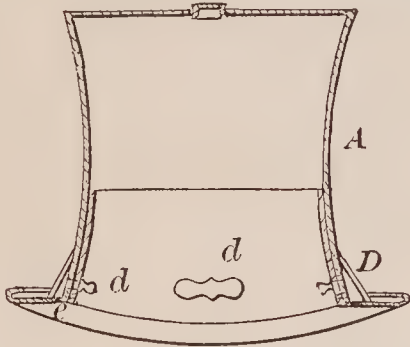
70487—C. F. Wickwire—*Window Sash Fastener.*



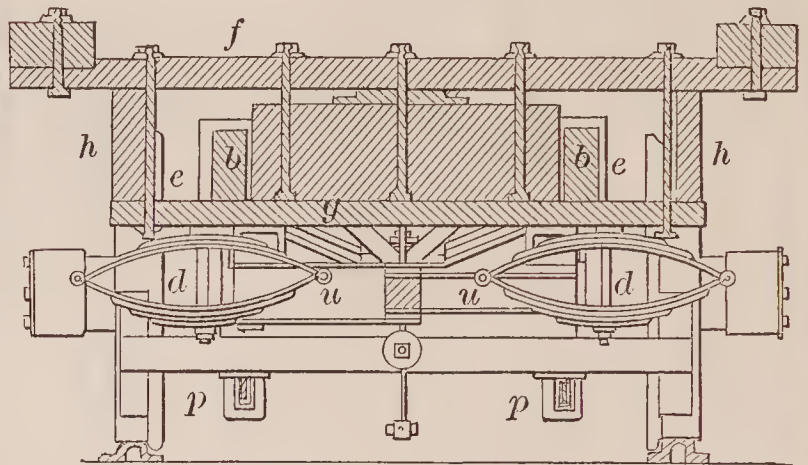
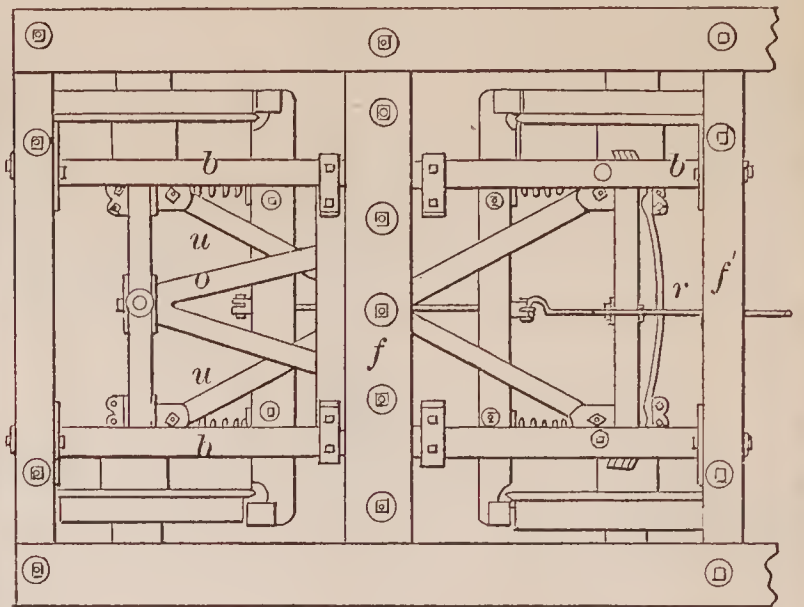
70488—W. W. Wilcox—*Fastening Eyelets.*



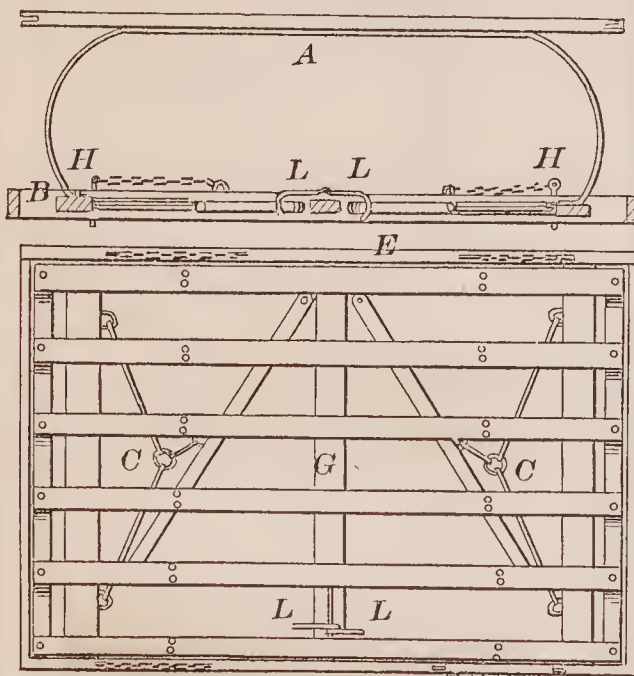
70493—Albright & De Lange—*Hat.*



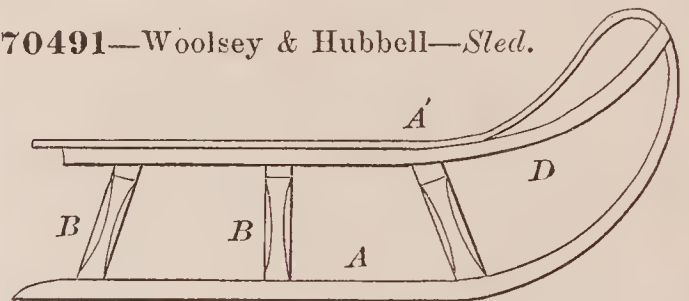
70492—W. Youmans—*Car Truck.*



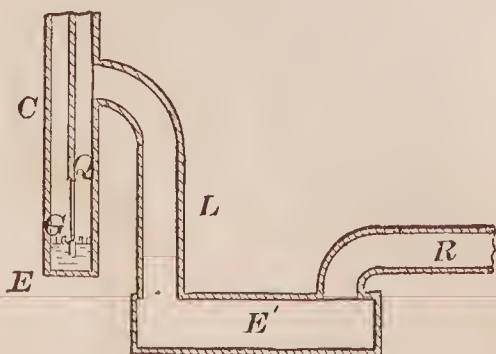
70489—H. W. Williams—*Bed Bottom.*



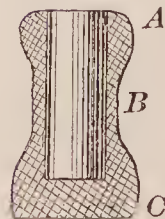
70491—Woolsey & Hubbell—*Sled.*



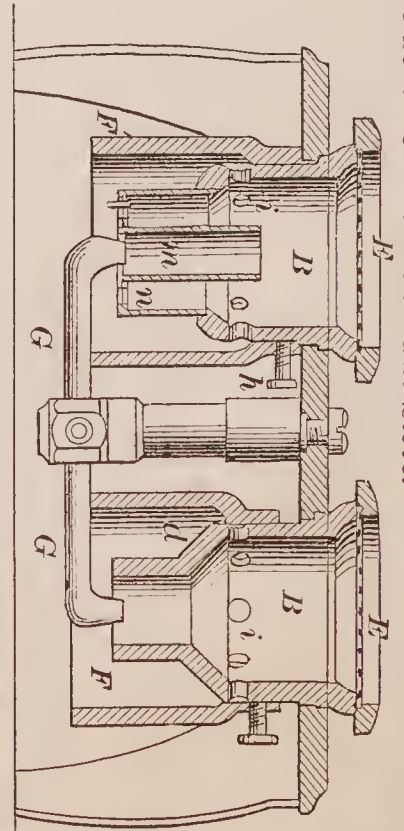
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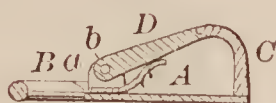
70490—E. S. Winchester—*Tip for Chair Legs.*



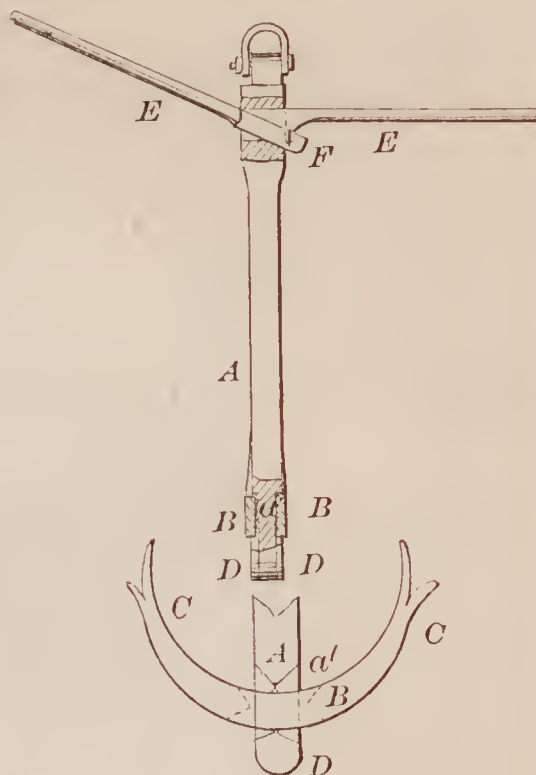
70494—C. E. Alden—*Gas Stove.*



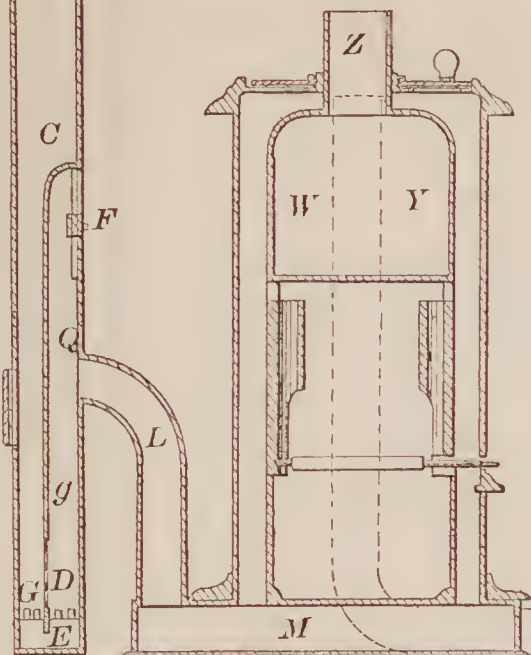
70499—C. H. Atwood—
Snap Hook.



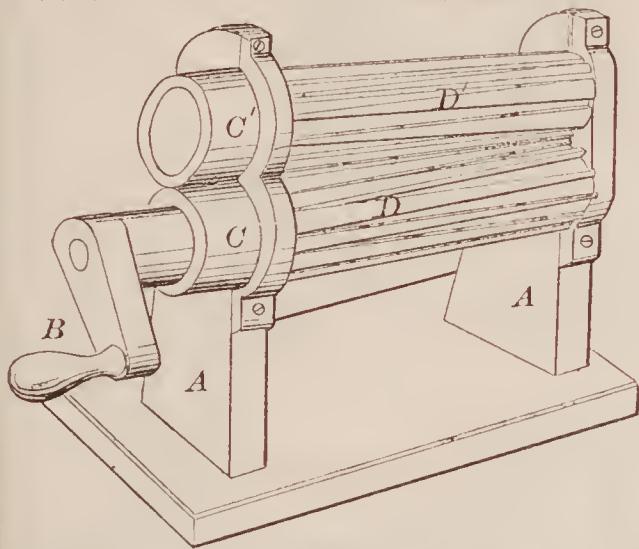
70498—Armstrong & Browne—
Anchor.



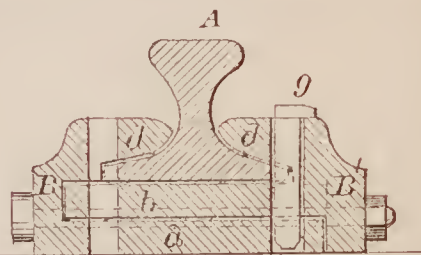
70495—Allen & Campbell—*Heating
and Ventilating Railway Cars.*



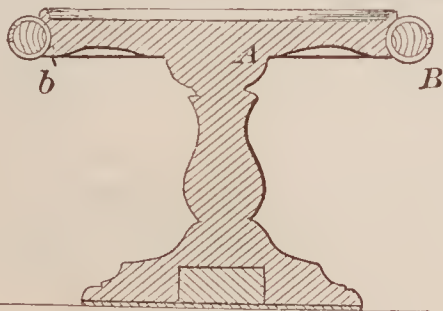
70496—J. M. Allen—*Nail Machine.*



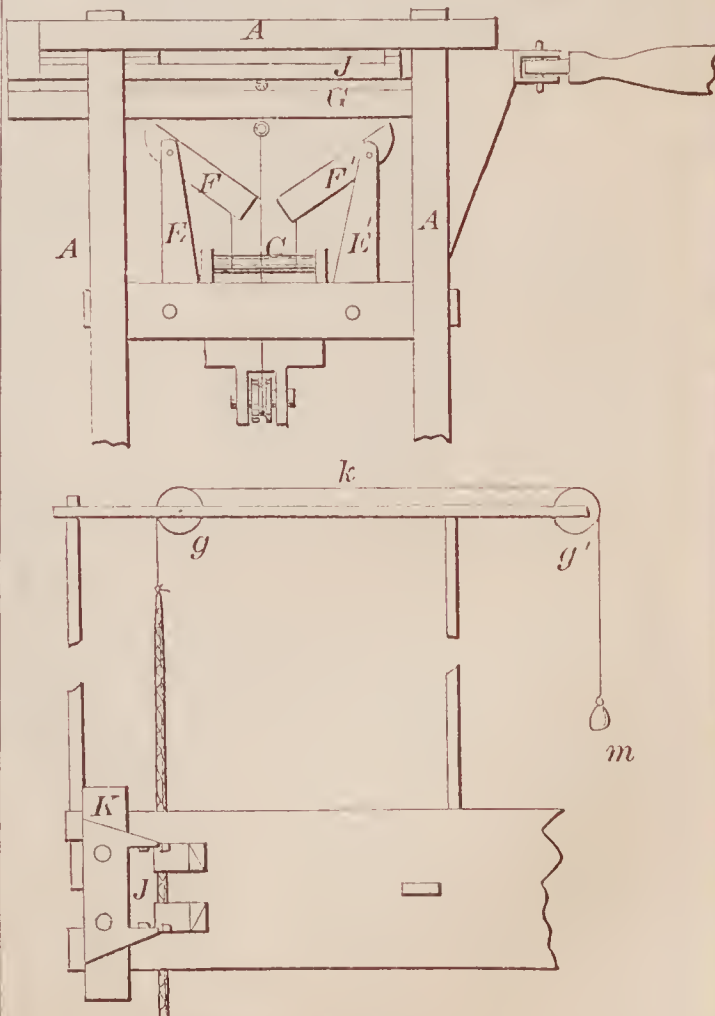
70497—P. Allen—*Railway Chair.*



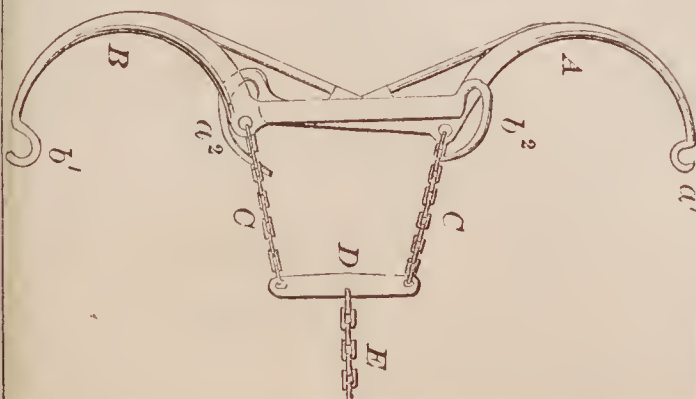
70500—E. D. Averell—*Card Rack.*



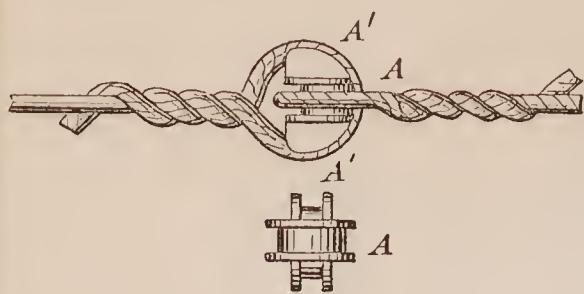
70501—H. Axtel—*Whip Rolling Machine.*



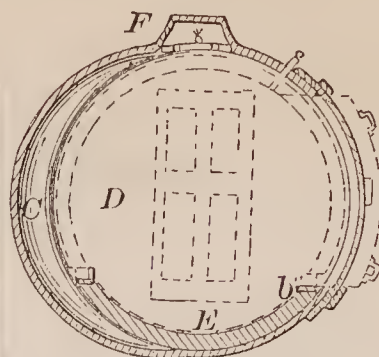
70502—T. J. Barnes—*Horse Yoke.*



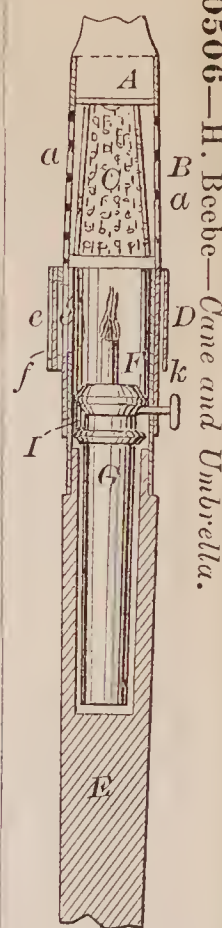
70503—J. W. Barnum—*Cotton Bale Tie.*



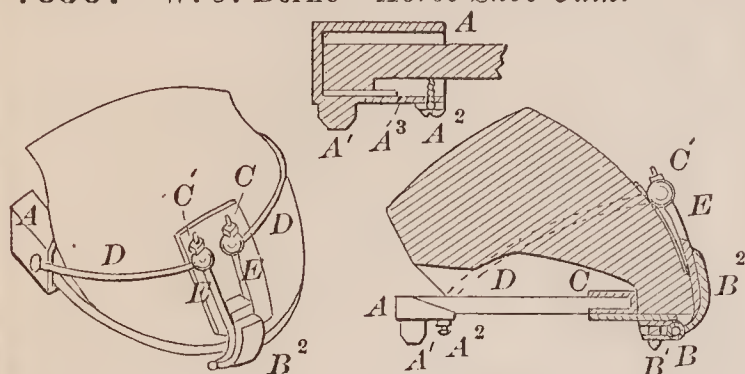
70504—A. E. Beach—
Pneumatic Railway.



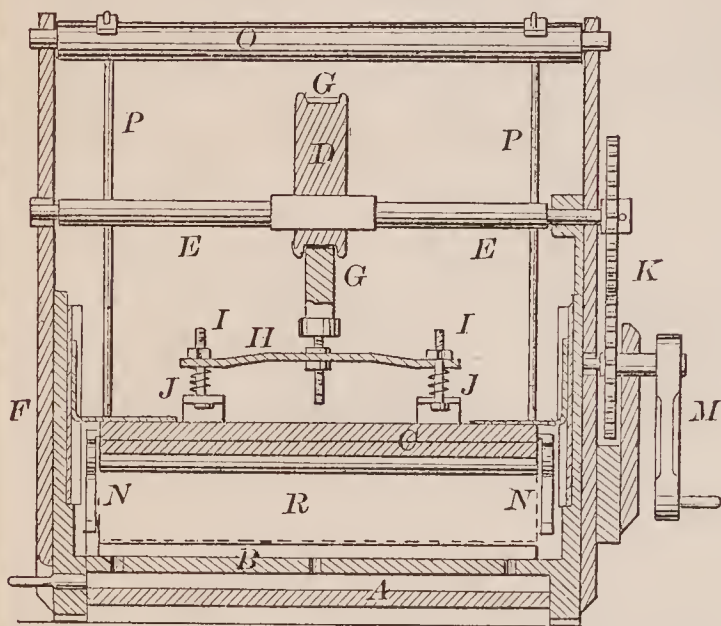
70506—H. Beebe—Cane and Umbrella.



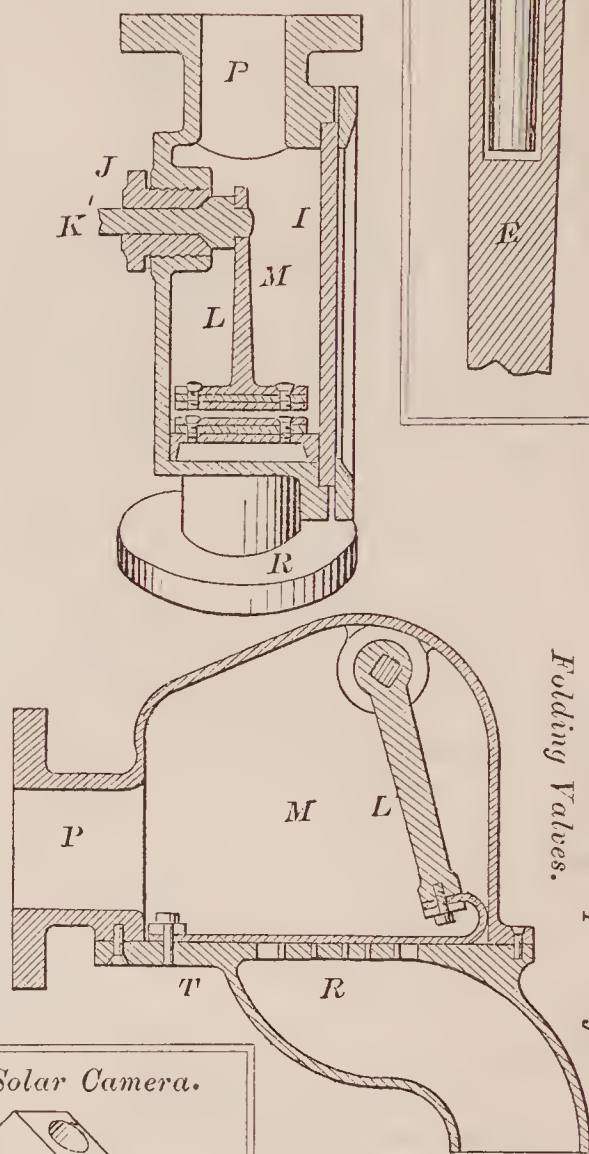
70507—W. J. Berne—*Horse Shoe Calk.*



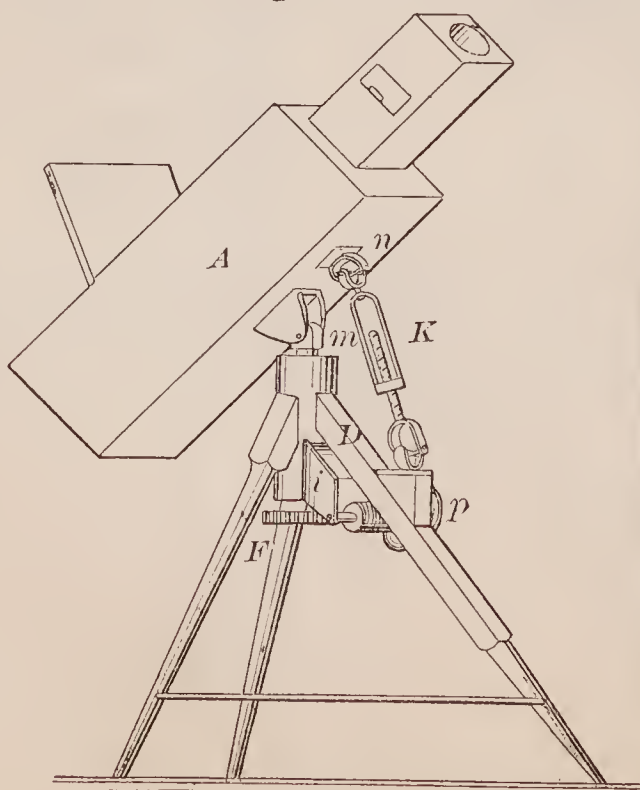
70508—J. Bevis—*Washing Machine.*



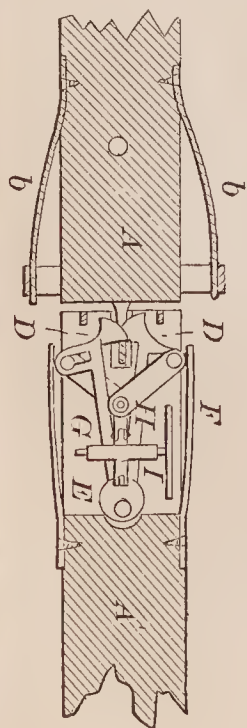
70511—E. Bourdon—For Operating Folding Values.



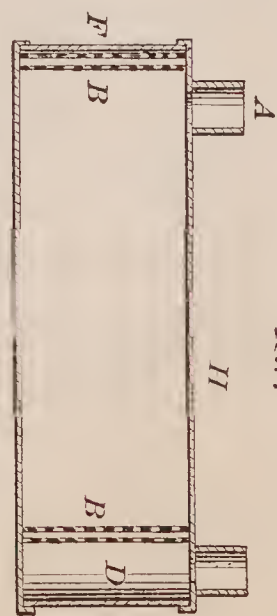
70509—L. G. Bigelow—*Solar Camera.*



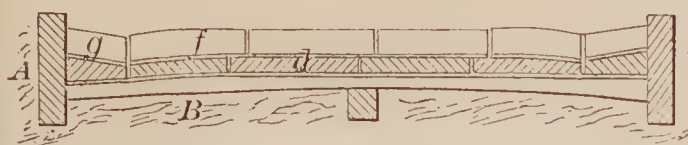
70505—G. M. Beardsley—*Car Coupling.*



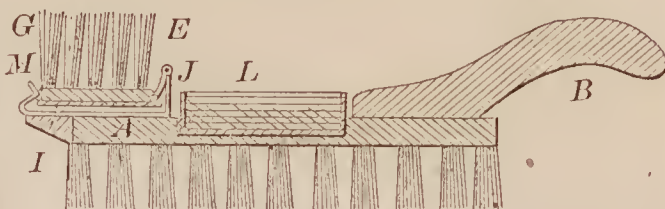
70512—J. F. Boynton—*Carburizing Gas and Air.*



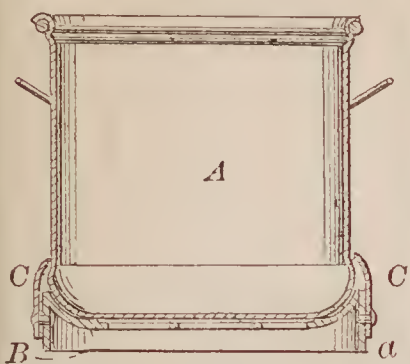
70514—J. L. Brown—Wood Pavement.



70515—G. R. Burdon—Blacking Brush.



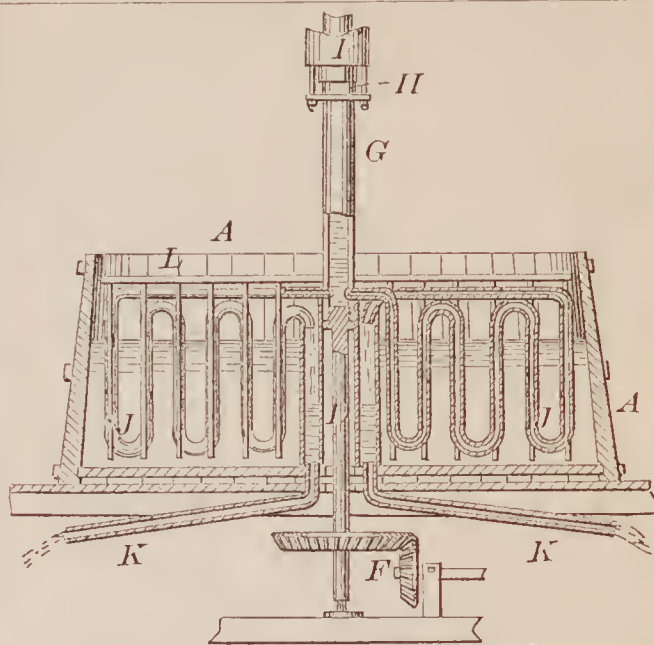
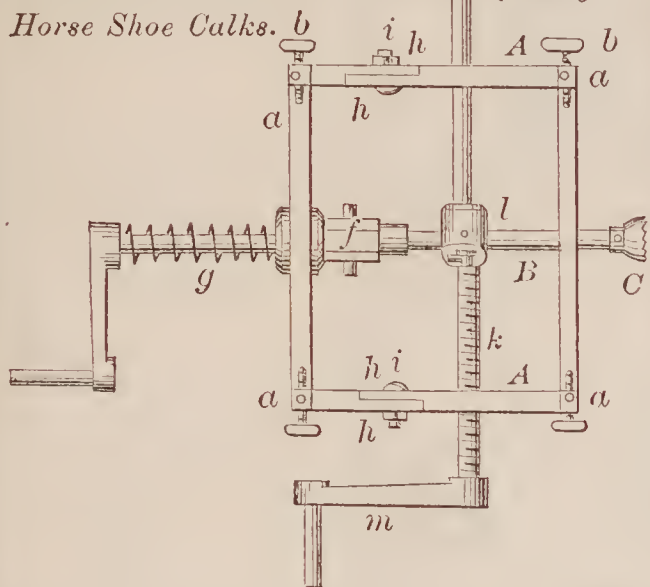
70516—N. C. Burnap—Milk Can.



70517—J. Burt—Carriage Seat Back.

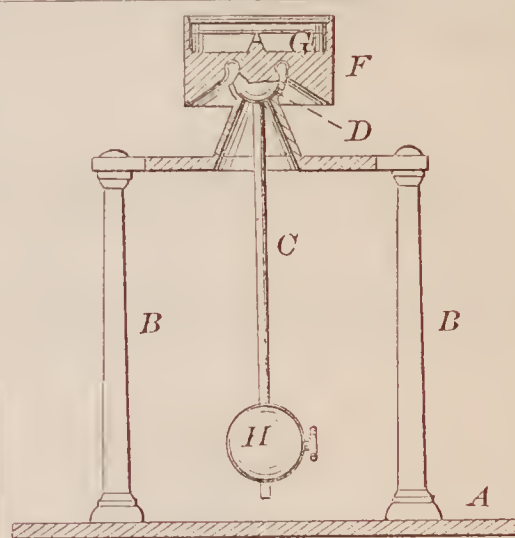
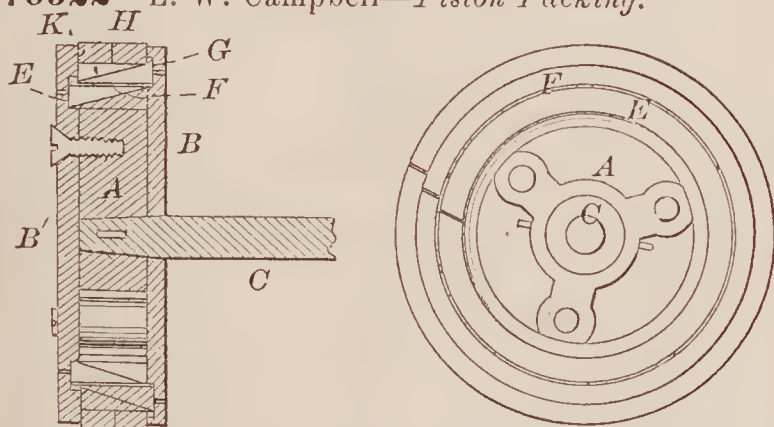


70519—W. M. Butler—For Sharpening Horse Shoe Calks.

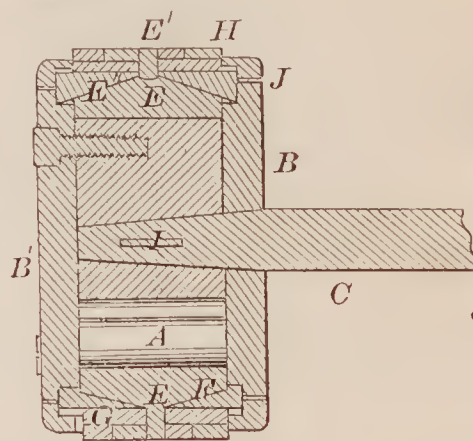


70518—F. P. Bush—Mash Cooler.

70522—L. W. Campbell—Piston Packing.

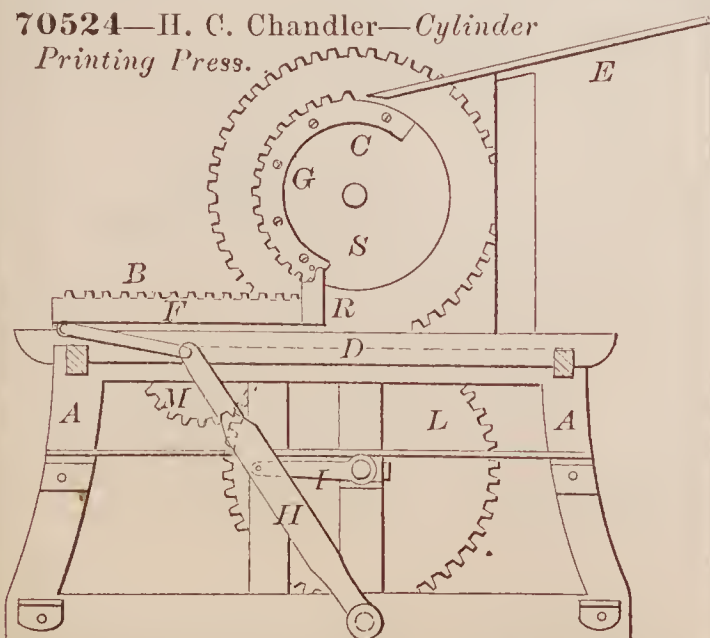


70520—J. Earl—Ship's Compass.

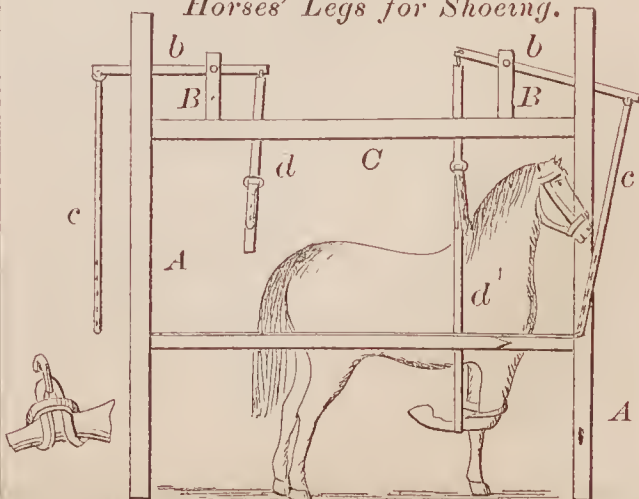


70521—L. W. Campbell—Piston Packing.

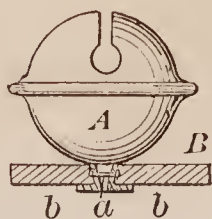
70524—H. C. Chandler—Cylinder Printing Press.



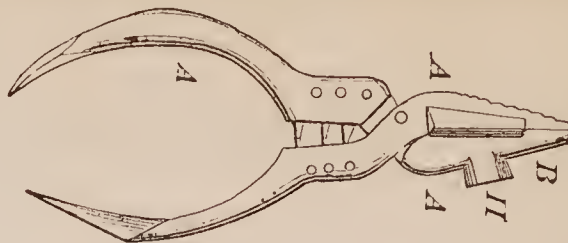
70523—J. P. Champion—For Raising Horses' Legs for Shoeing.



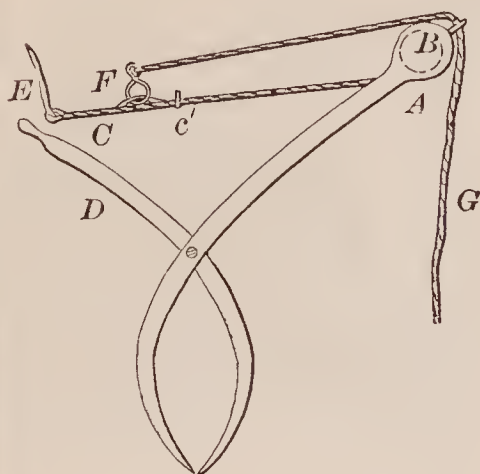
70525—M. Chapman—Table Cutlery.

70526—C. R. Clark—*Sleigh Bell.*

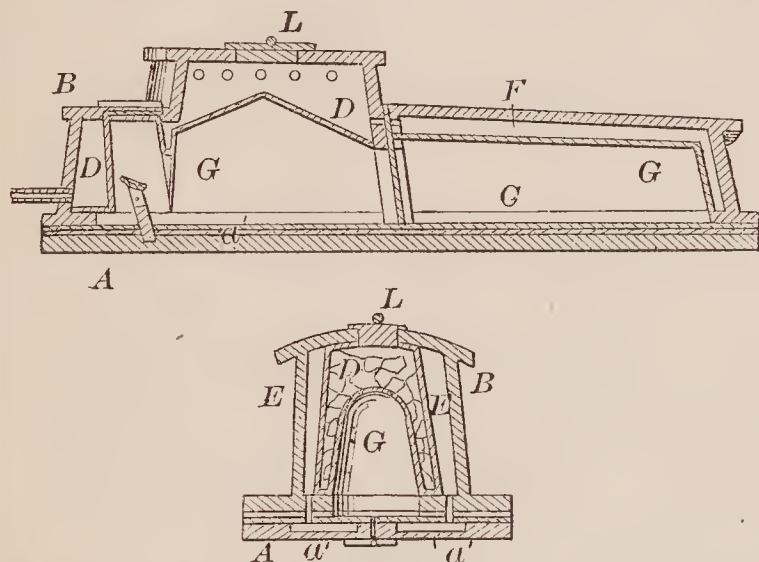
70529—B. W. Collier—Combined Tool.



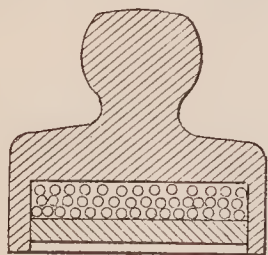
70527—M. Coffin—Horse Hay Fork.



70530—C. W. Compton—Corpse Preserver.

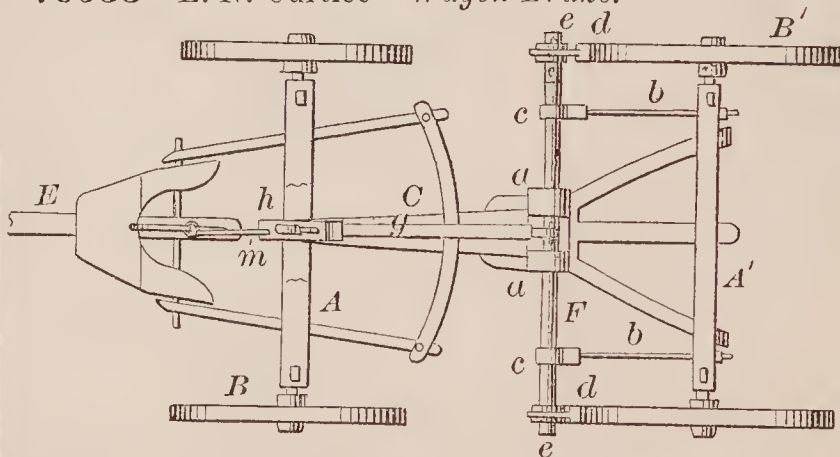


70531—H. W. Comstock—

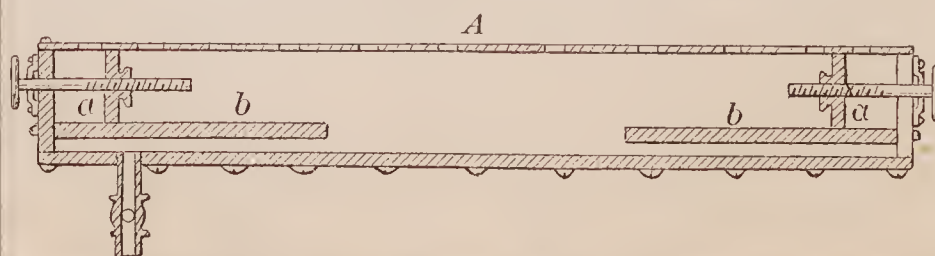
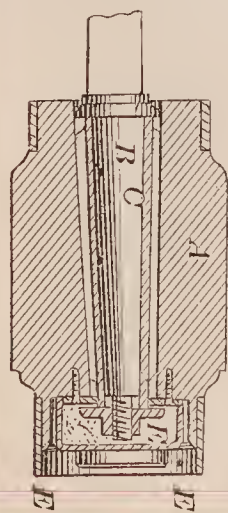


Weight for Scales.

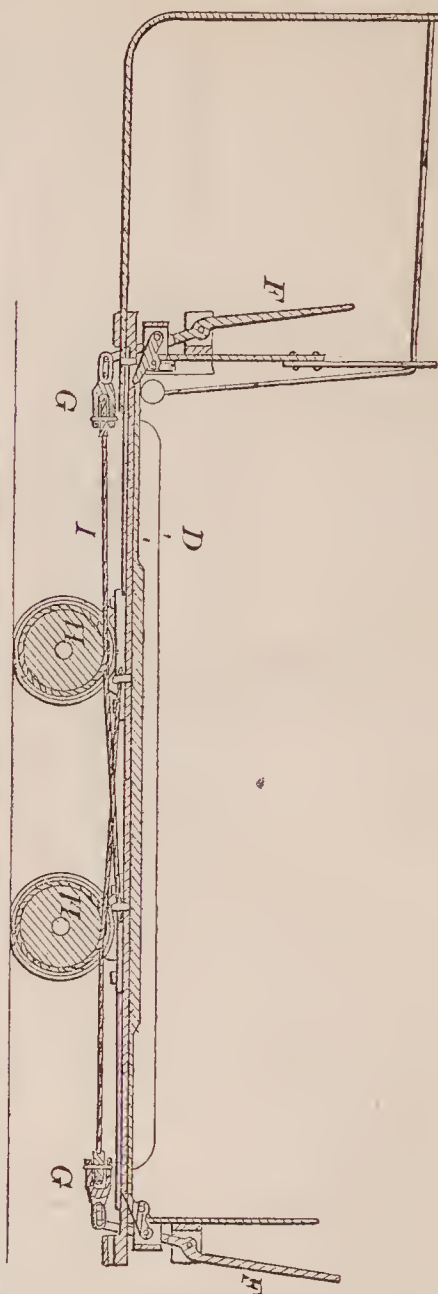
70533—E. N. Curtice—Wagon Brake.

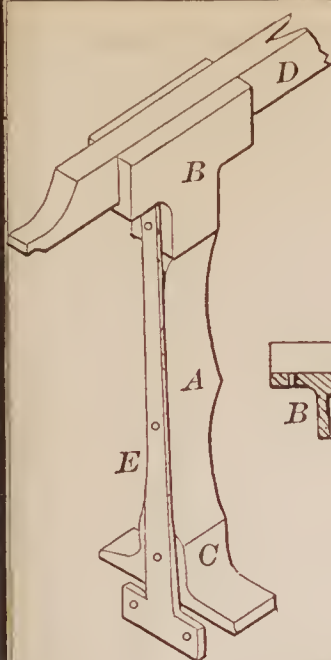


70534—F. Curtis—Suction Box for Paper Making.

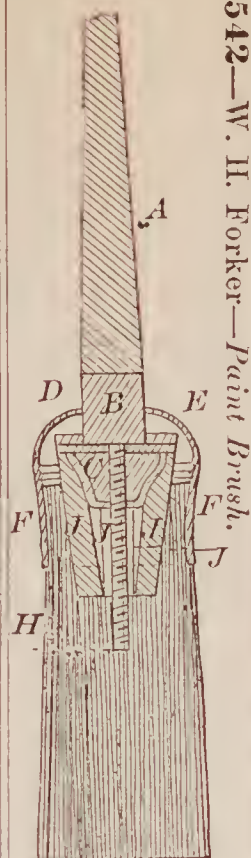
70532—L. Crouch—Attaching
Wheels to Vehicles.

70528—E. T. Colburn—Stopping and Starting Cars.



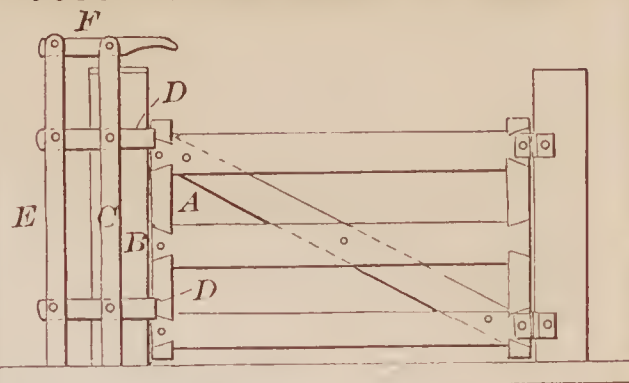


70535—I. Dan—Sleigh Knee.

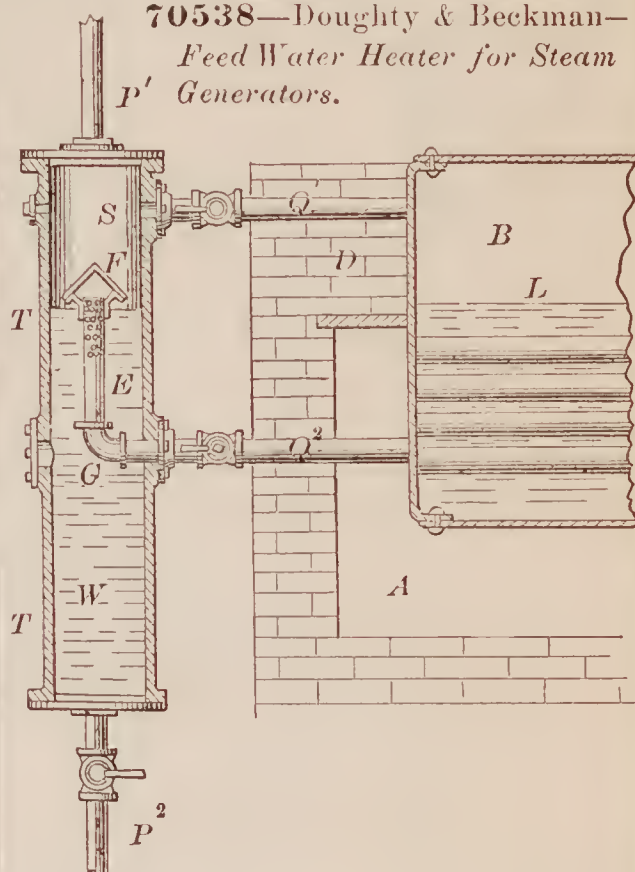


70542—W. H. Forker—Paint Brush.

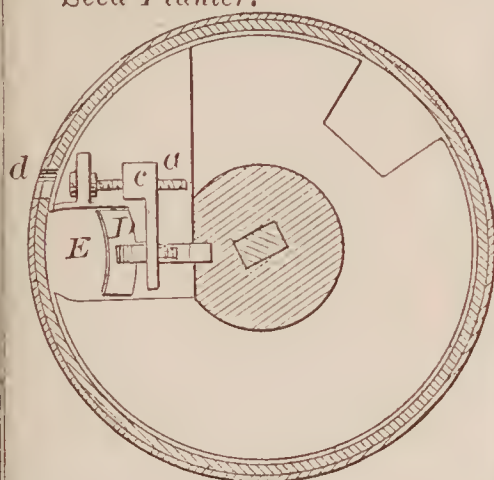
70537—A. K. Davis—Gate Latch.



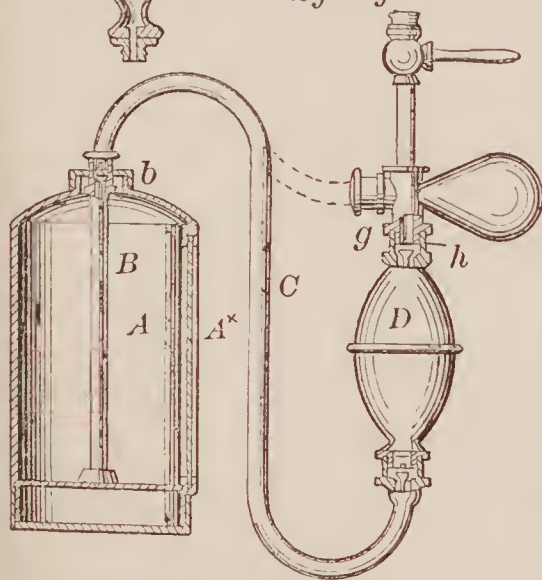
70538—Doughty & Beckman—Feed Water Heater for Steam P' Generators.



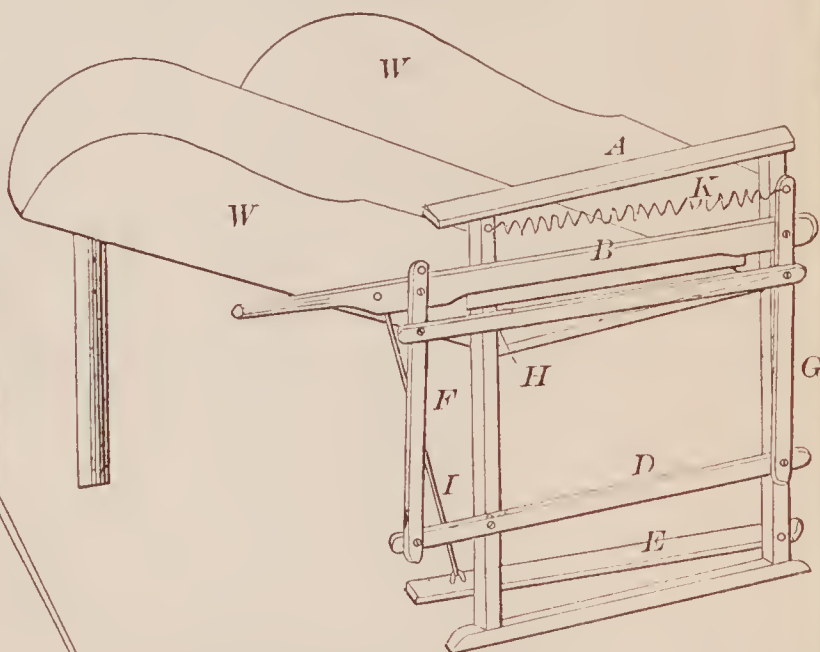
70541—H. C. Fairchild—Seed Planter.



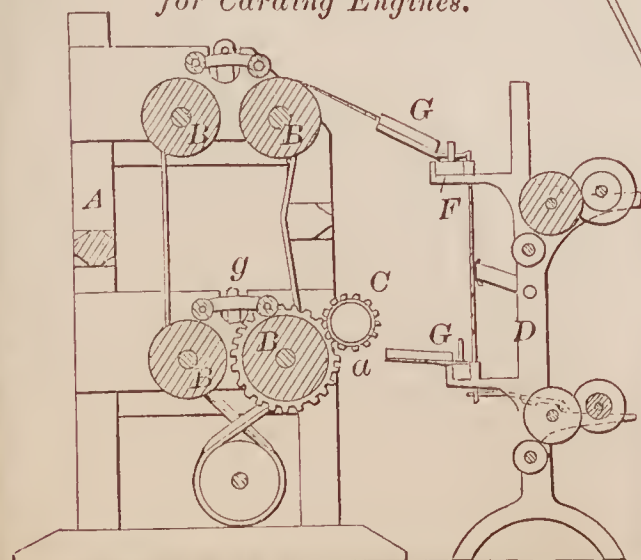
70540—J. J. Essex—Syringe



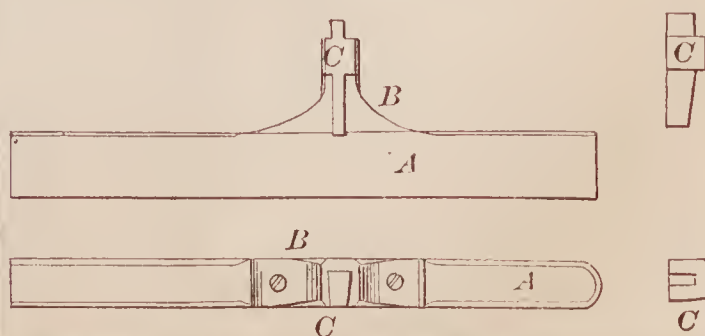
70539—S. Elliott—Straw Cutter.



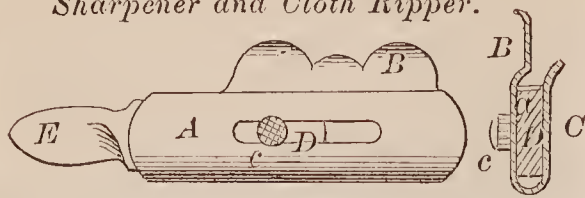
70543—G. R. Gardiner—Condenser for Carding Engines.



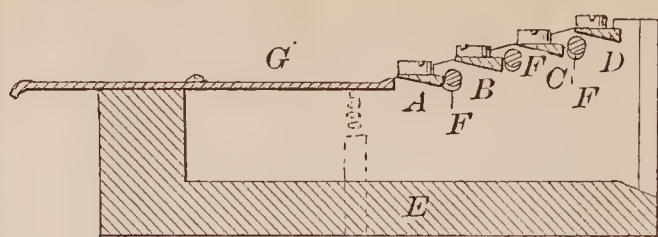
70536—I. Dan—Sleigh Knee.



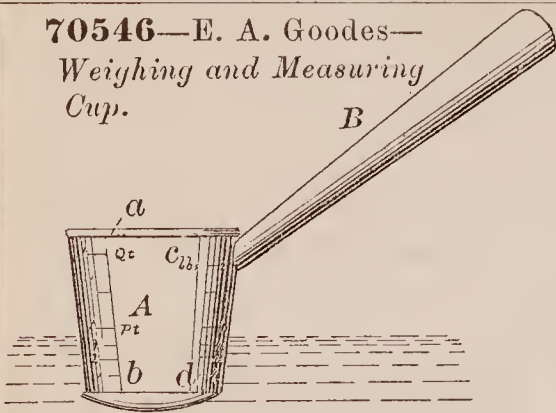
70544—A. W. Gifford—*Scissors Sharpener and Cloth Ripper.*



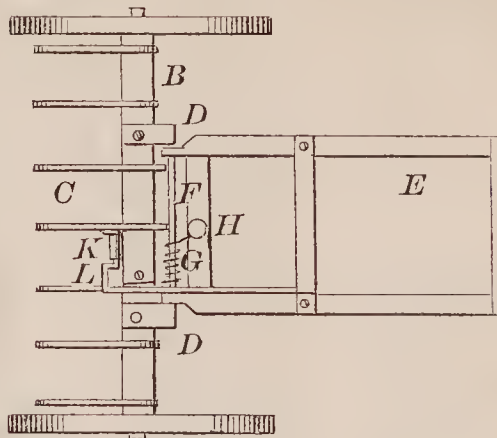
70545—N. Goddard—*For Splitting Whalebone.*



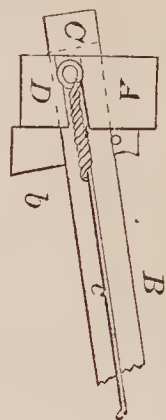
70546—E. A. Goodes—*Weighing and Measuring Cup.*



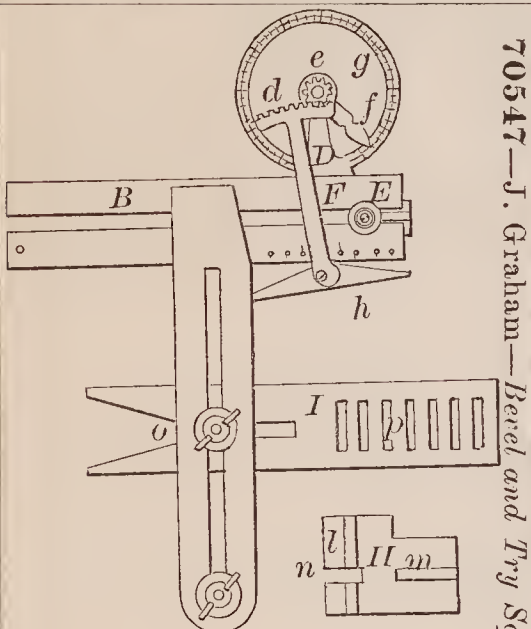
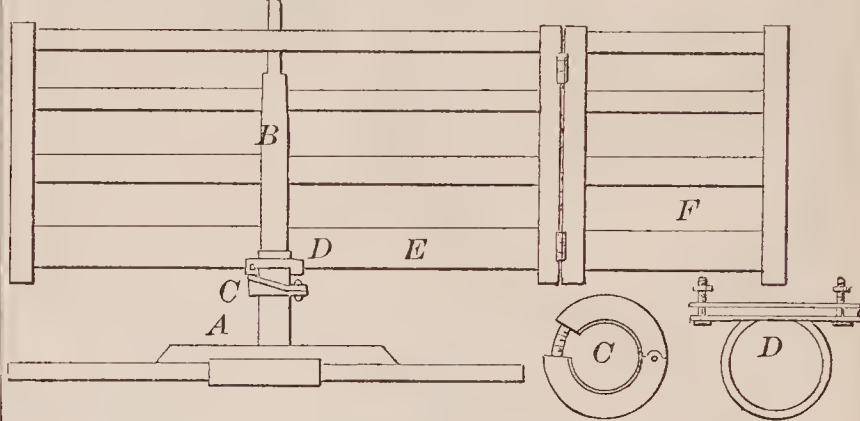
70550—A. J. Greene—*Hay Rake.*



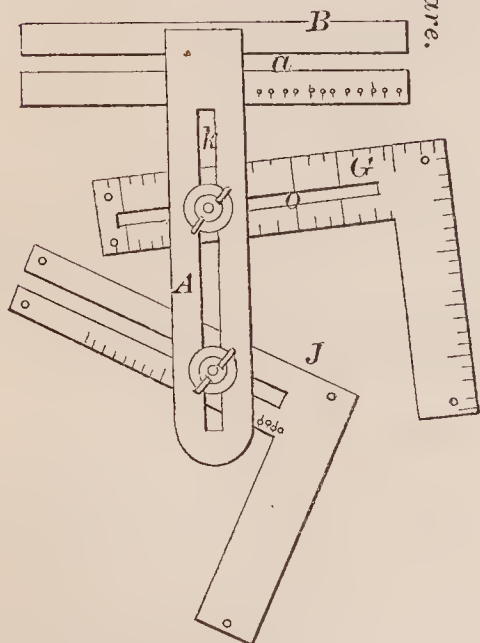
70549—I. M. Green—*Fence.*



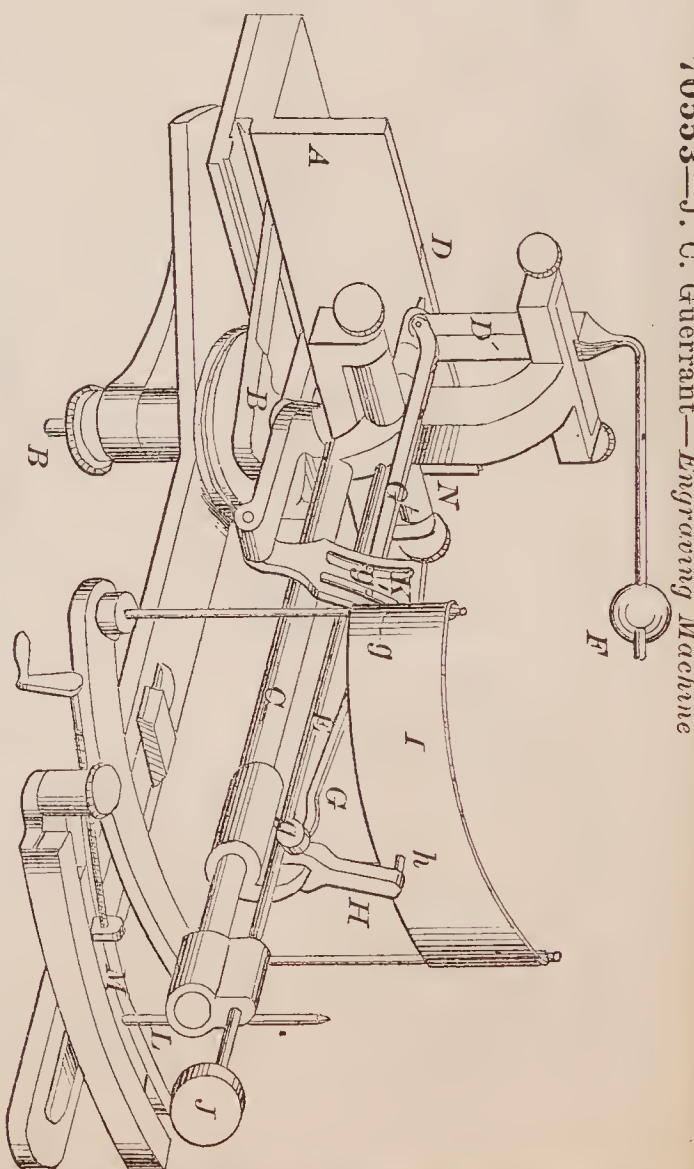
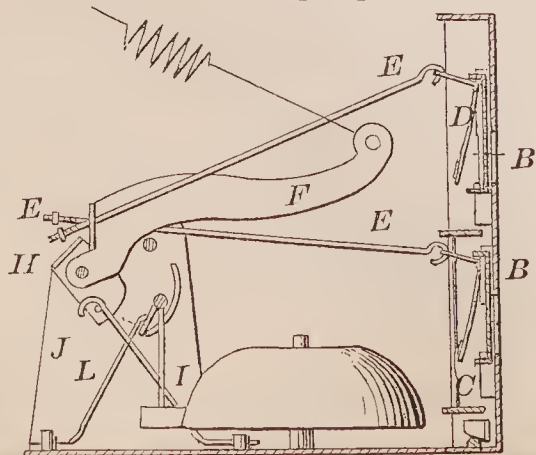
70548—O. Graham—*Farm Gate.*



70547—J. Graham—*Bevel and Try Square.*

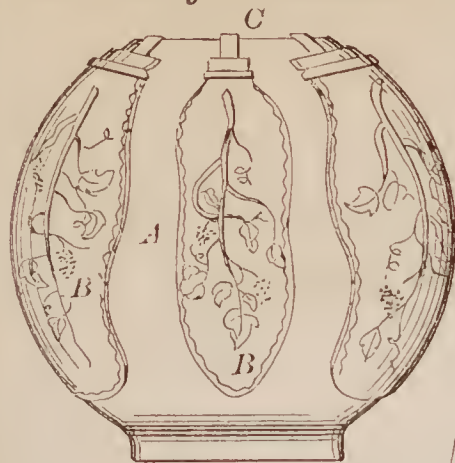


70552—Gross & Yingling—*Annunciator.*

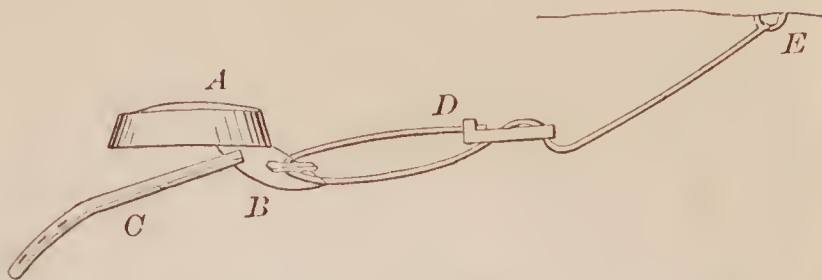


70553—J. C. Guerrant—*Engraving Machine.*

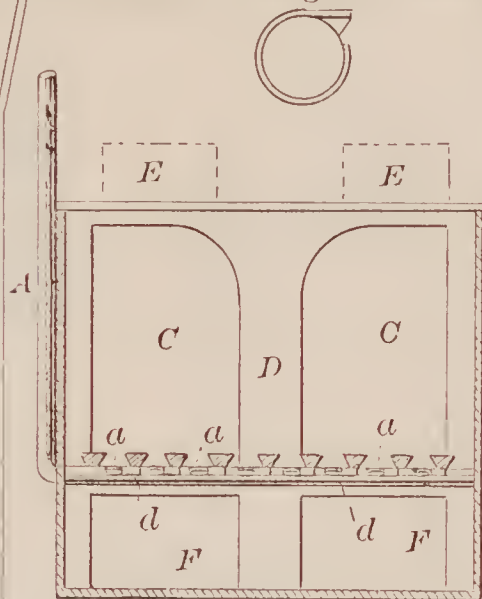
70554—Guthrie & Shearer—*Ornamenting Glass Shades.*



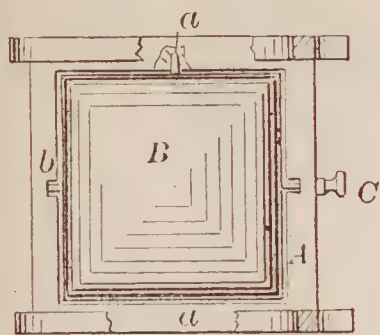
70555—R. Hale—*Head Rest.*



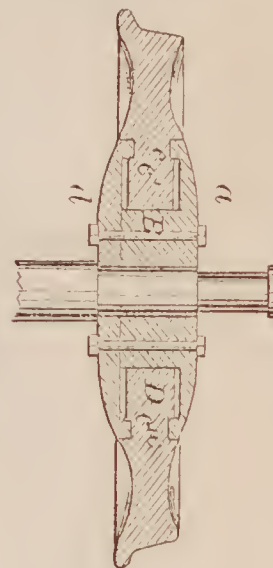
70557—D. Hargar—*Furnace.*



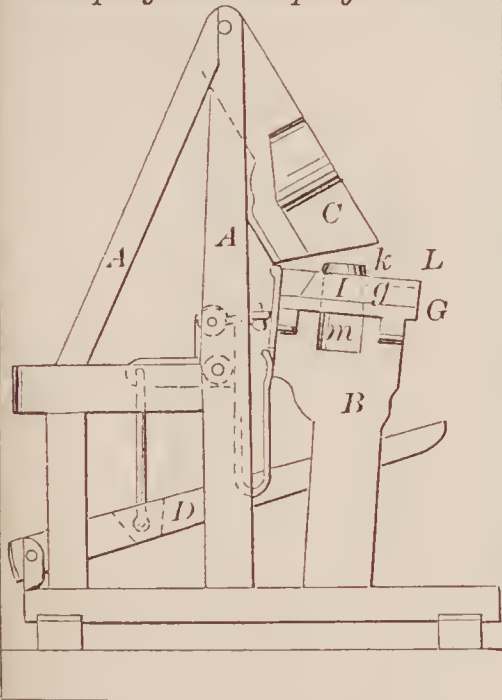
70556—M. Hamburger—*Reversible Chair Seat.*



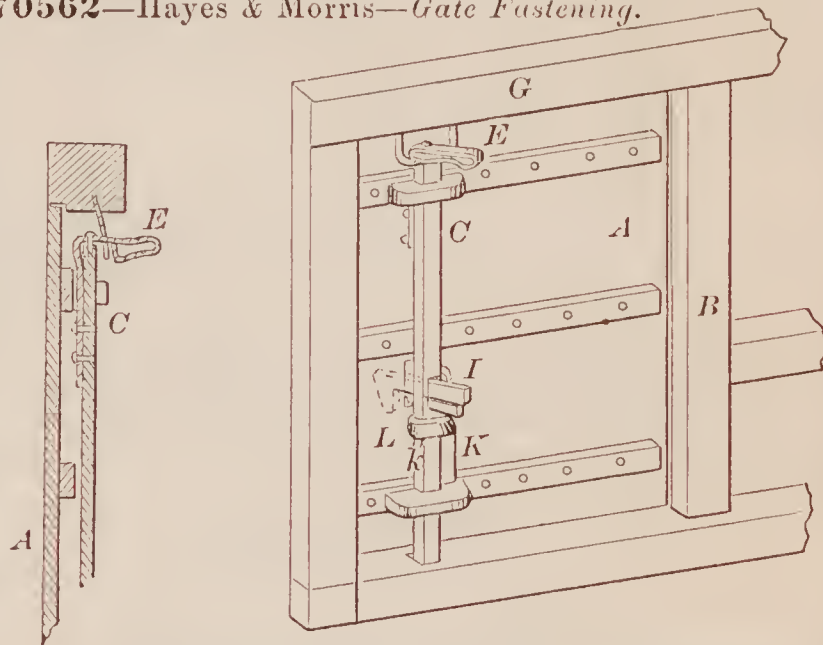
70560—J. Harris—*Car Wheel.*



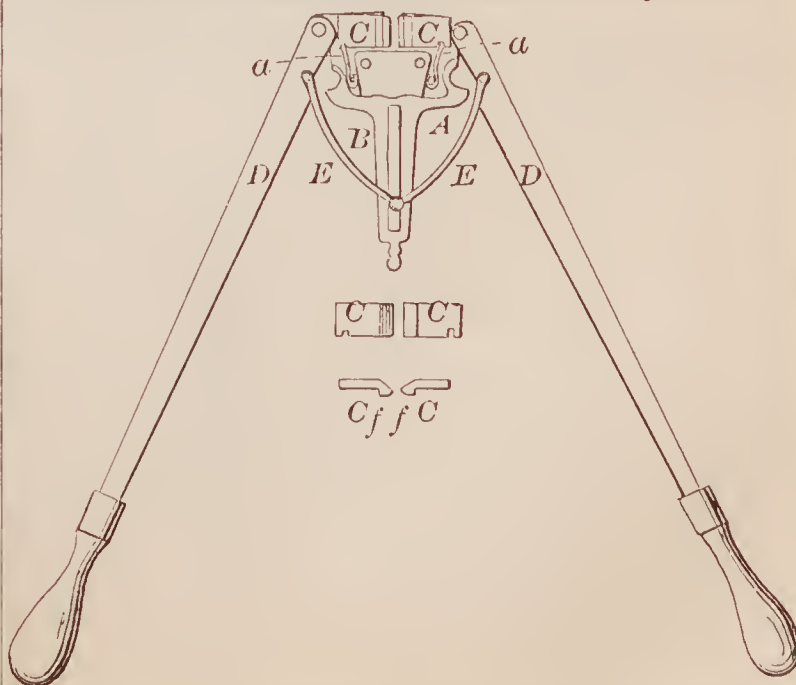
70558—B. B. Harris—*For Stamping and Shaping Leather.*



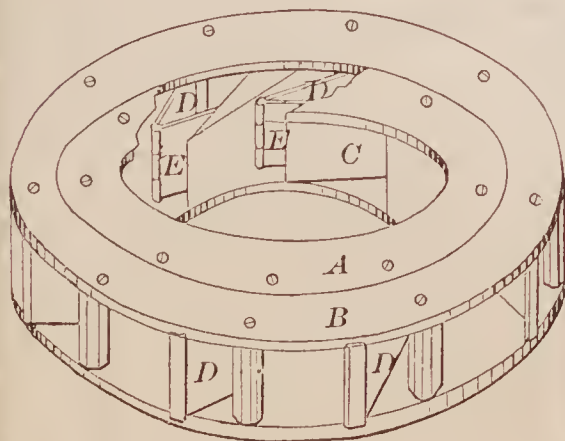
70562—Hayes & Morris—*Gate Fastening.*



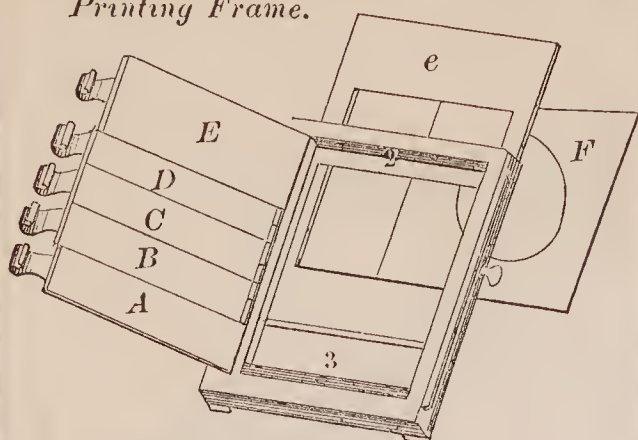
70563—J. E. Heath—*Tool for Cutting Bolts.*



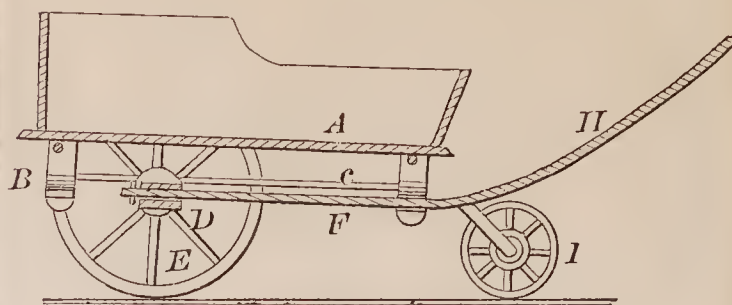
70561—J. H. Hartsuff—*Curb for Water Wheels.*



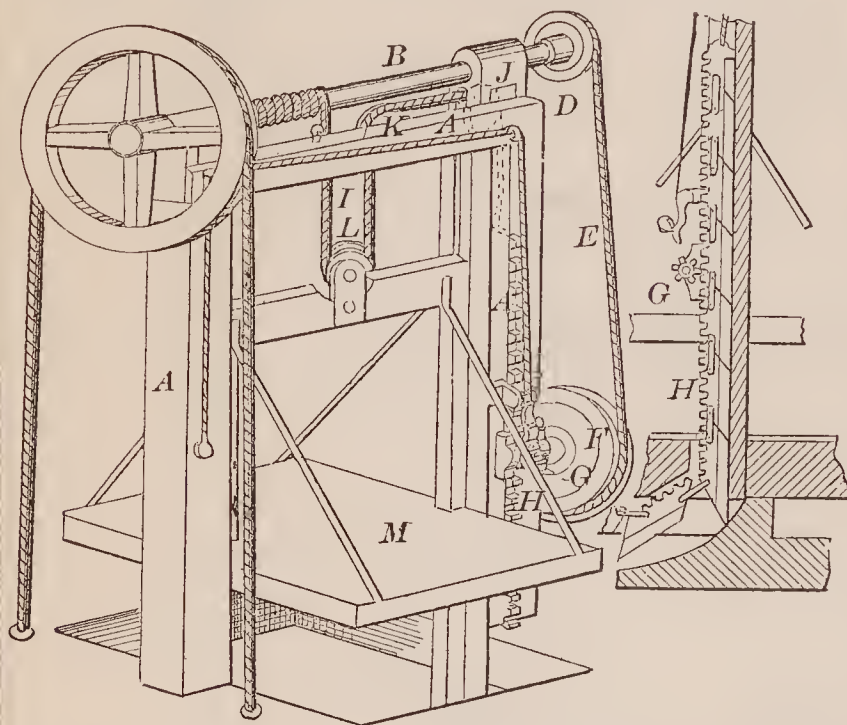
70564—J. Heddon—*Photographic Printing Frame.*



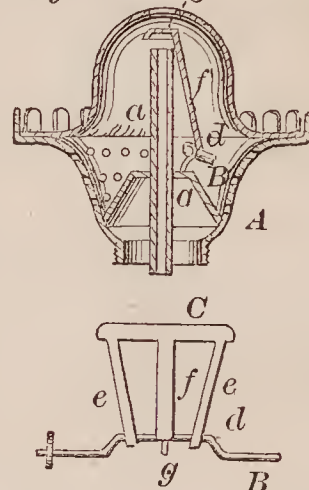
70566—C. W. Higgins—*Children's Carriage and Cradle.*



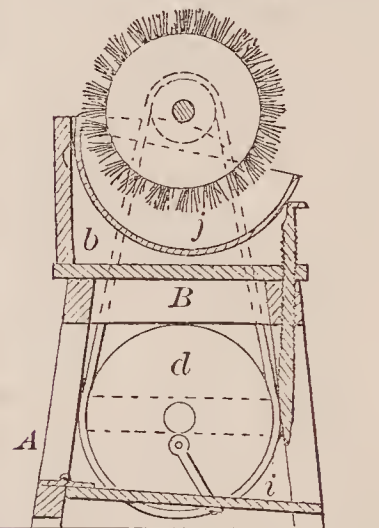
70565—P. Higdon—*Hoisting Apparatus.*



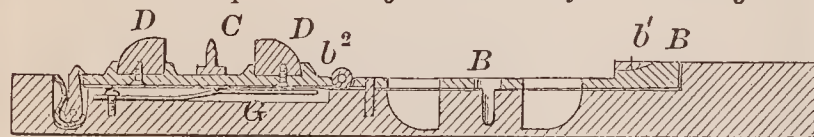
70567—Hill & McCoy—*Lamp Extinguisher.*



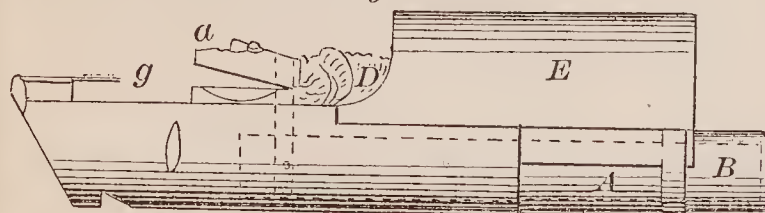
70571—S. W. Huntington—*Boot Blacking Machine.*



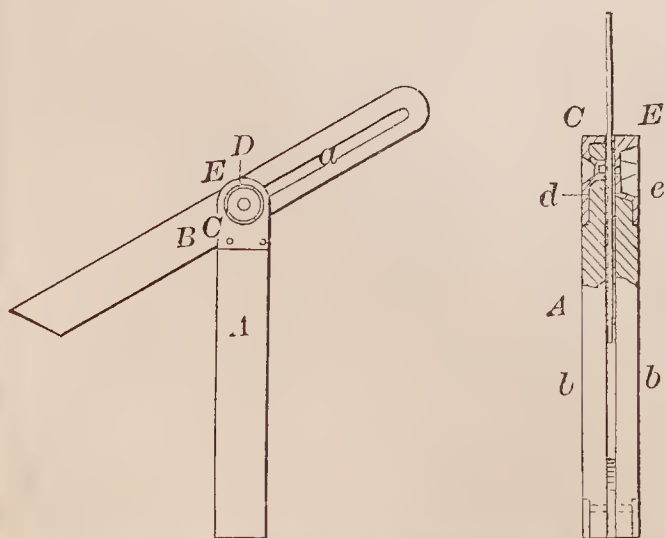
70568—N. Hopkins—*Register Point for Printing Presses.*



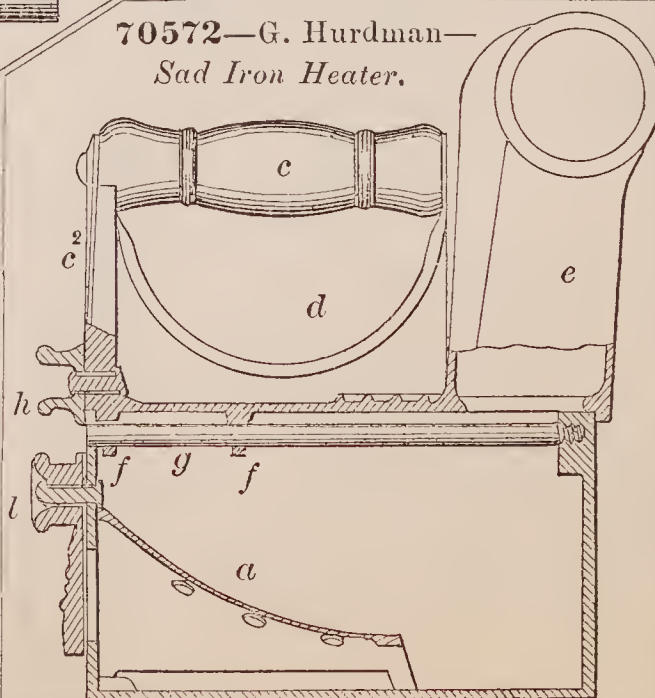
70569—K. Horde—*Toy.*



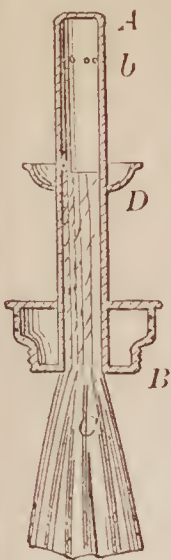
70570—L. D. Howard—*Bevel.*



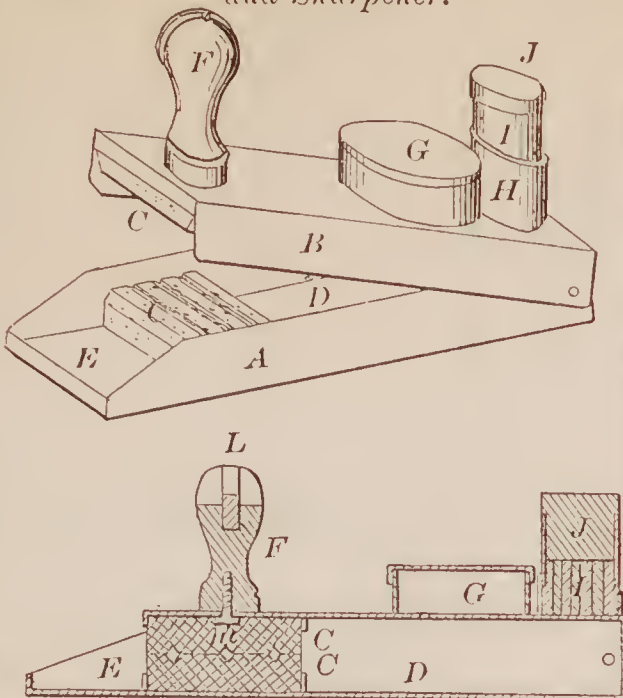
70572—G. Hurdman—*Sad Iron Heater.*



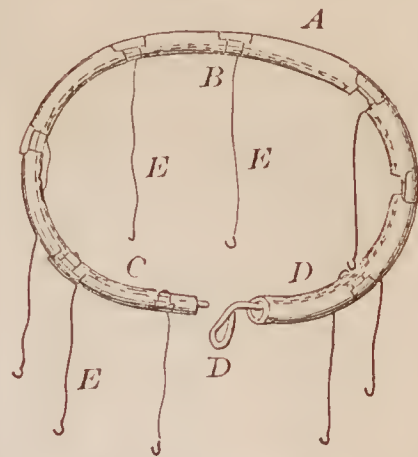
70573—W. W. Jacobs—Vapor Lamp Burner.



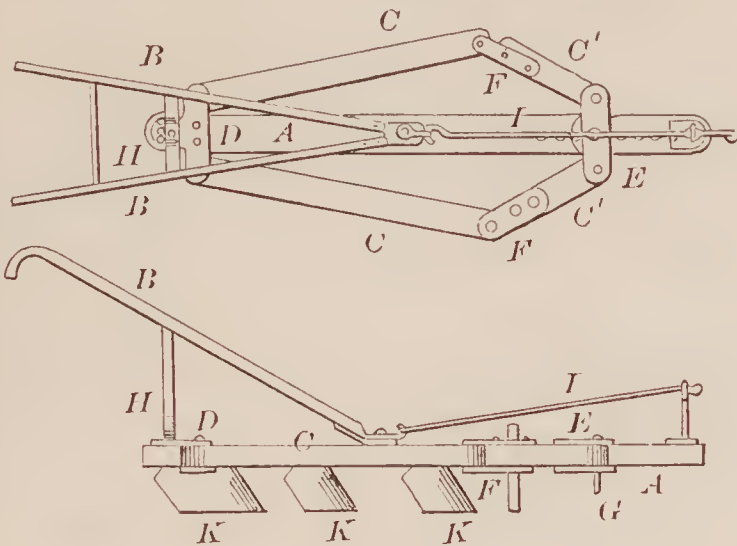
70574—L. J. Johnson—Knife Cleaner and Sharpener.



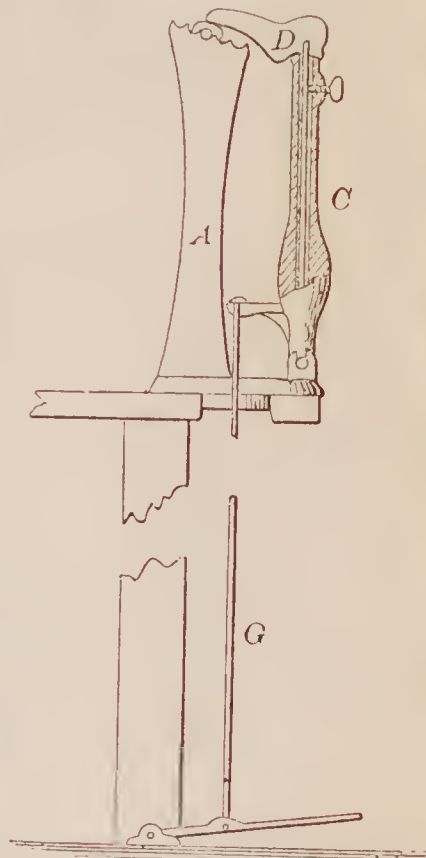
70575—G. W. Keller—Dress Elevator.



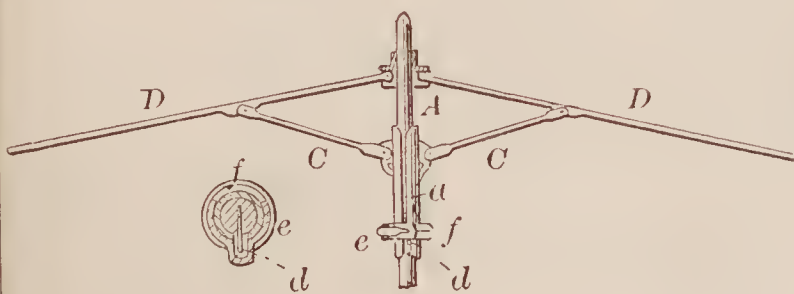
70578—S. A. Kroner—Cultivator.



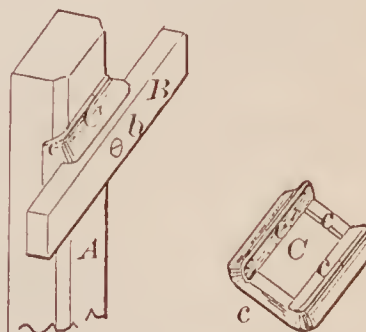
70577—J. K. Krieg—Pegging Jack.



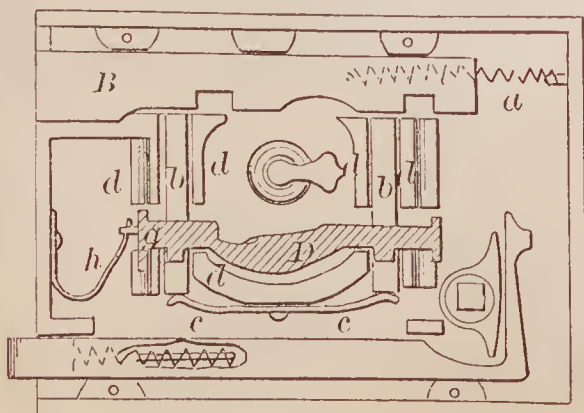
70579—H. Kurth—Umbrella Runner.



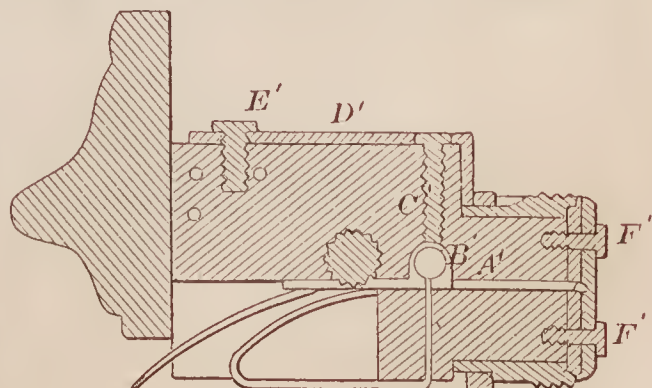
70580—A. Lake—Cleat Chock.

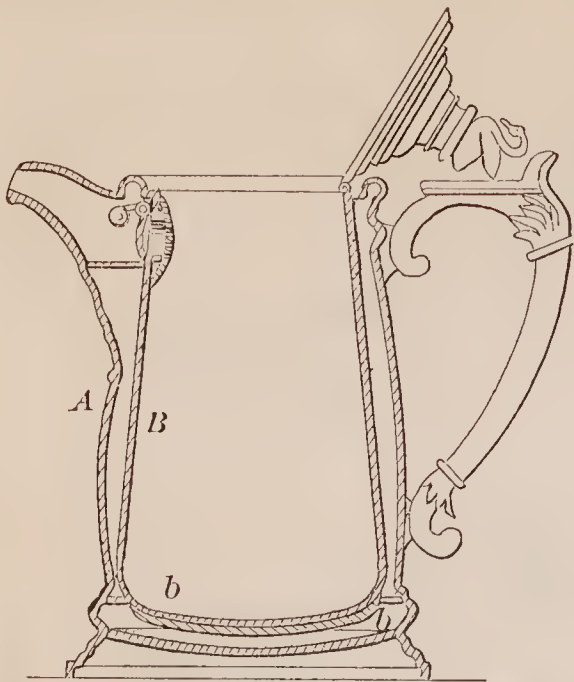
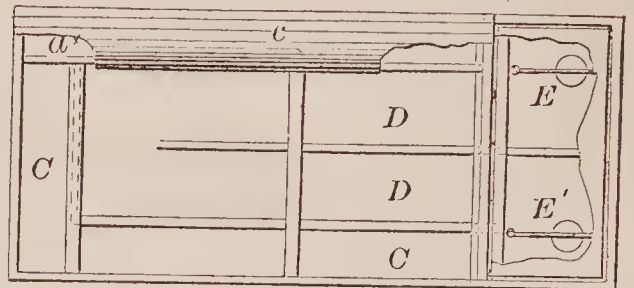
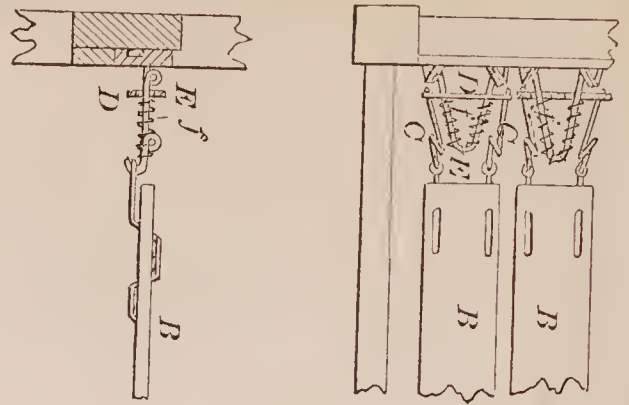
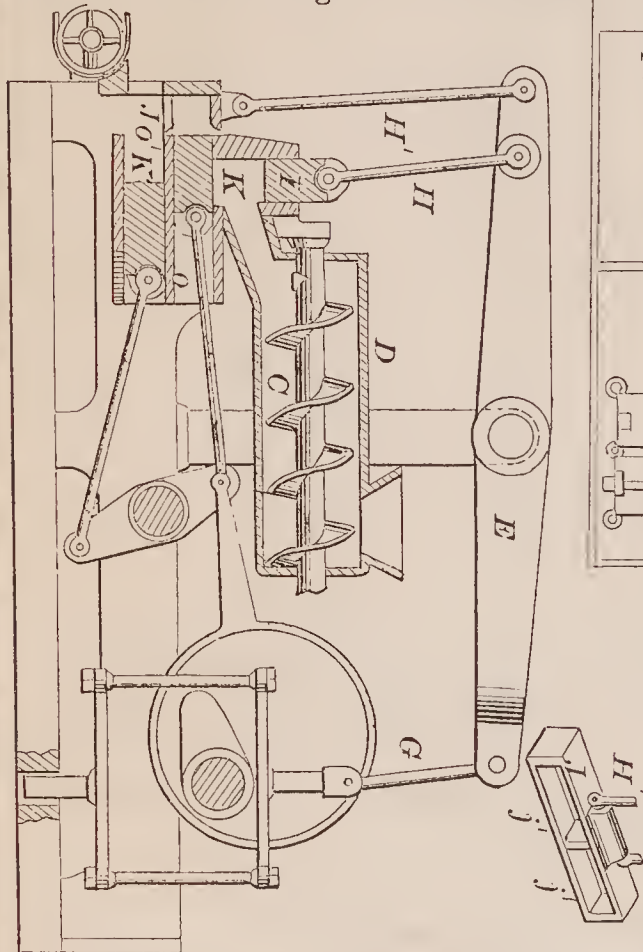
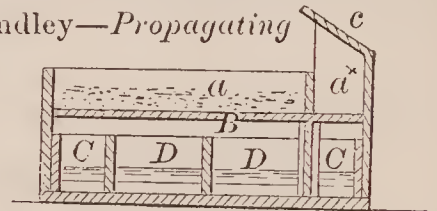
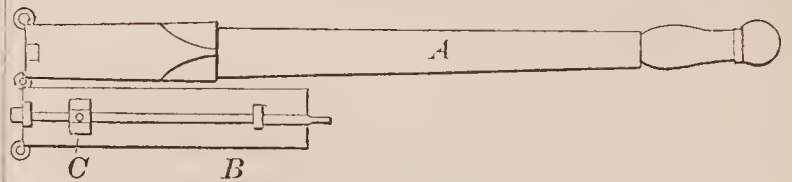
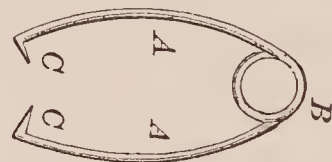
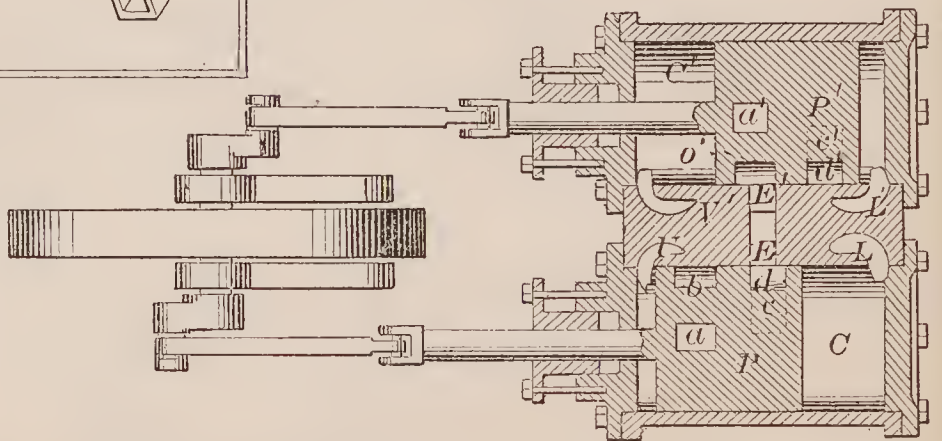
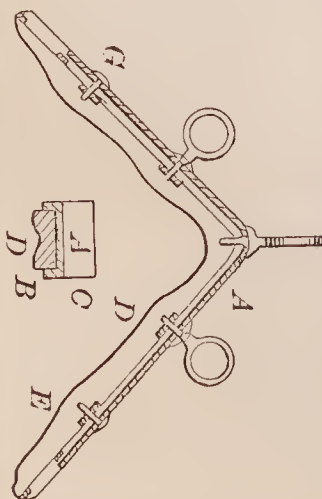


70576—M. & J. Knapp—Door Lock.

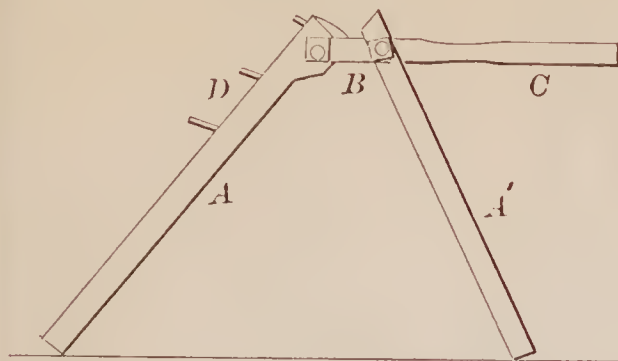


70581—W. R. Landfear—For Pegging Boots.

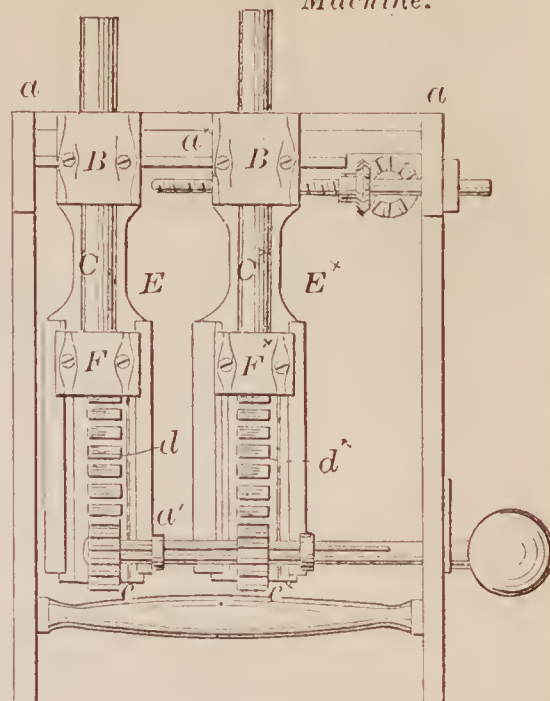


70582—N. Lawrence—*Ice Pitcher.*70583—F. Leadbetter—*Bed Bottom.*70585—S. W. Long—*Brick Machine.*70584—N. H. Lindley—*Propagating Tank and Bed.*70587—K. Markuson—*Handle for Ships' Pumps.*70586—R. M. Mansur—*Ice Tongs.*70590—E. McClintock—*Steam Engine.*70589—G. Marshall—*Harness Saddle.*

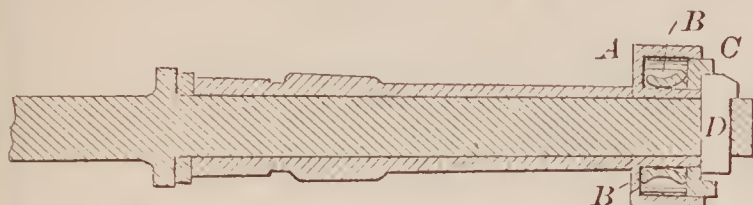
70591—W. McMiller—*Lifting Jack.*



70592—R. N. Meriam—*Planing Machine.*



70594—J. Miller, Jr.—*Securing Wheels on Axles.*



70595—R. Mitchell—*Steam Hammer.*

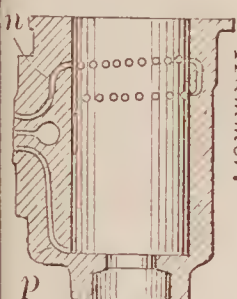
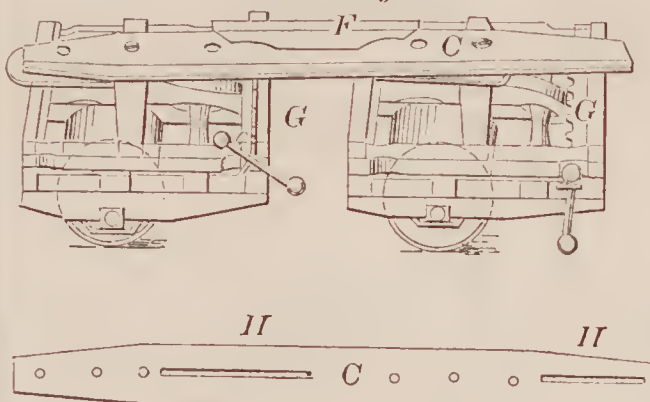
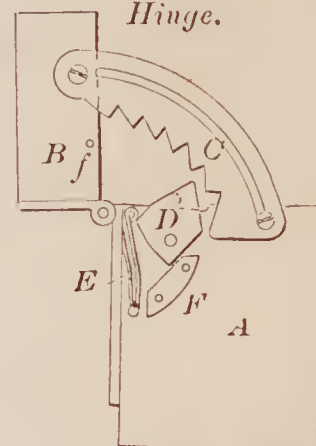


Fig. 5

70596—J. H. Moore—*For Moving Buildings.*



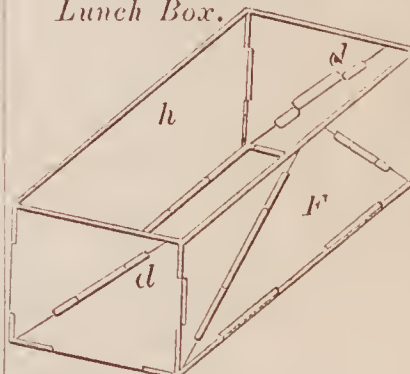
70597—A. L. Mora—*Hinge.*



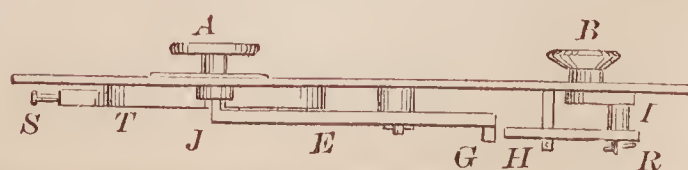
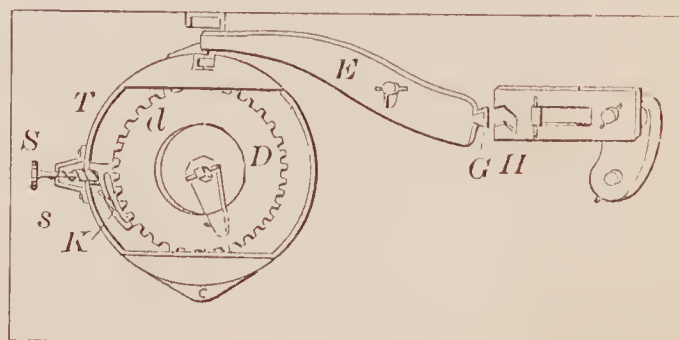
70593—Miller & Prescott—*Sash Support and Fastener.*



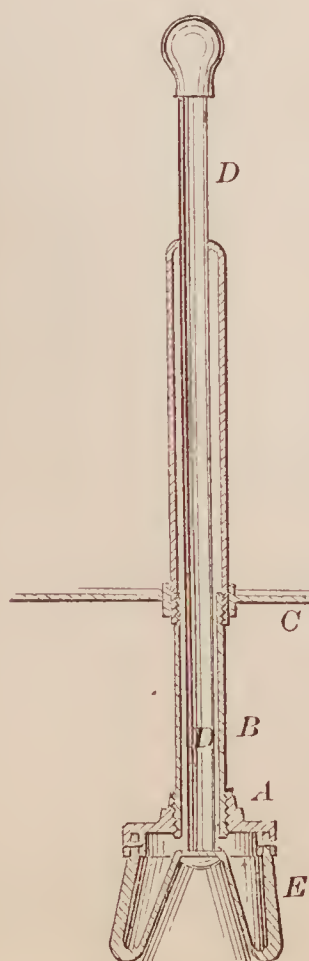
70598—J. F. Morgan—*Lunch Box.*



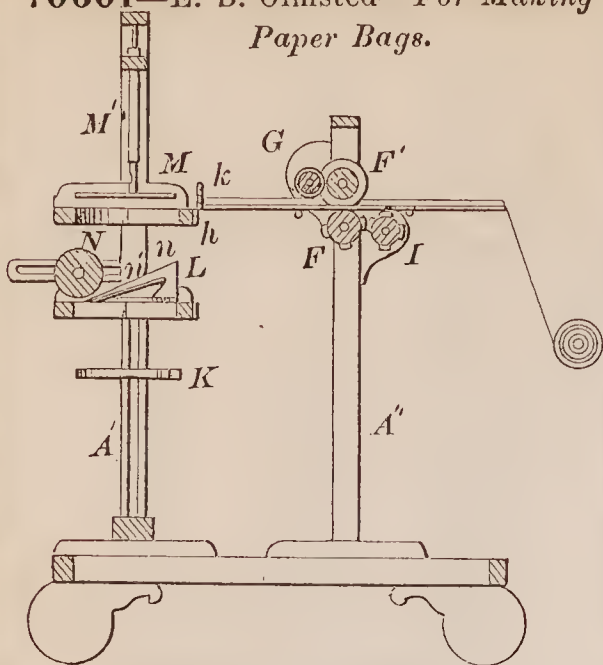
70599—J. H. Morse—*Permutation Lock.*



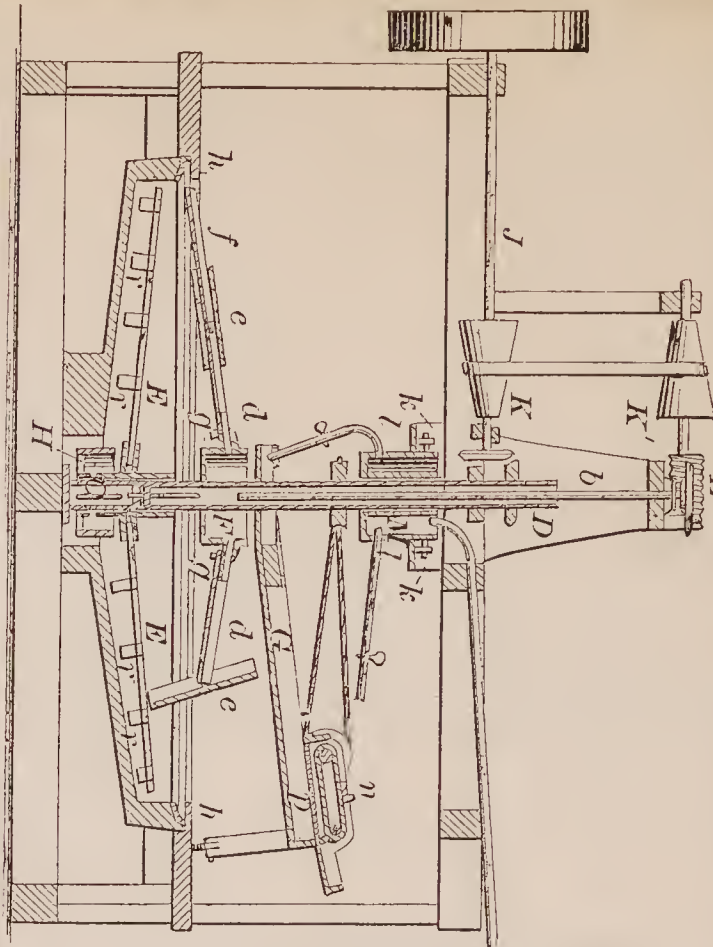
70600—C. P. Moyer—*For Administering Balls to Horses.*



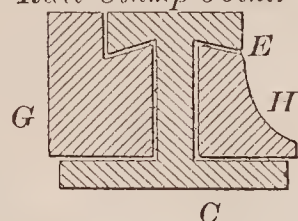
70601—E. B. Olmsted—*For Making Paper Bags.*



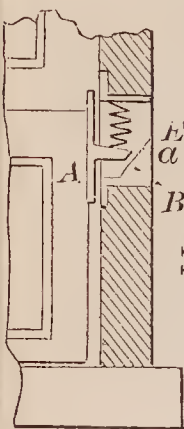
70603—Paine & Stephens—*Ore Separator and Concentrator.*



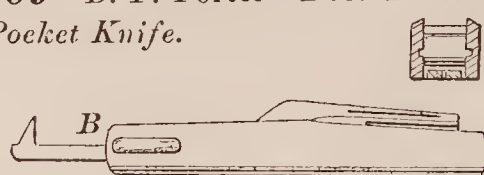
70606—F. Pidjeon—*Rail Clamp Joint.*



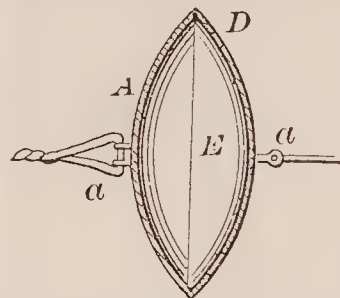
70604—J. R. Payson—*Window Sash Supporter.*



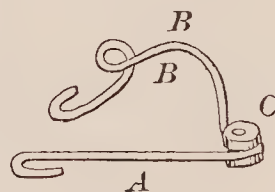
70609—B. F. Porter—*Door Fastener and Pocket Knife.*



70610—W. D. Porter—*Toy Humming Wheel.*



70611—Purse & Draper—*Sack Fastener*



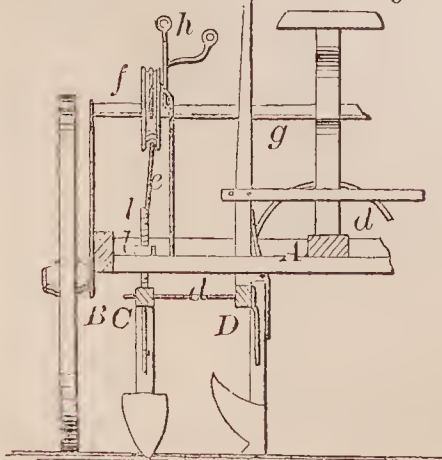
70613—G. W. Putnam—*Dredging Box.*



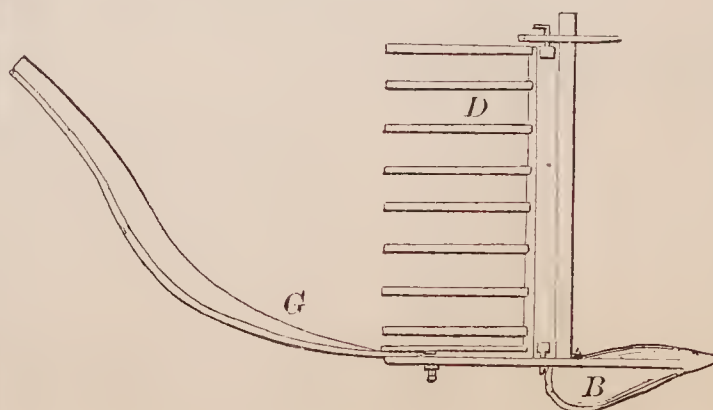
70612—J. Rider—*Priming Metallic Cartridges.*



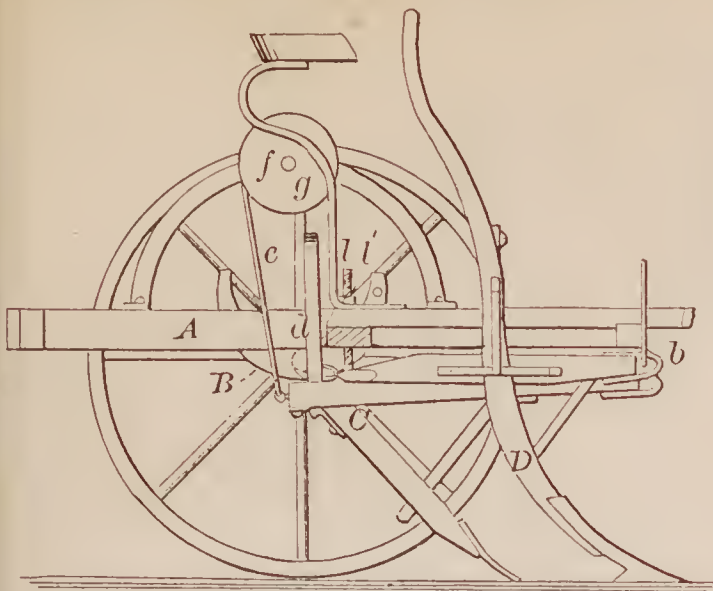
70615—J. H. Rankin—*Sulky Plow.*



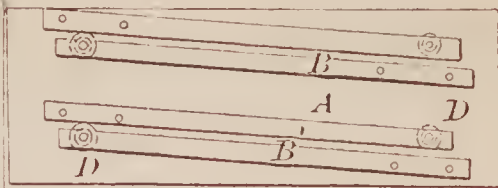
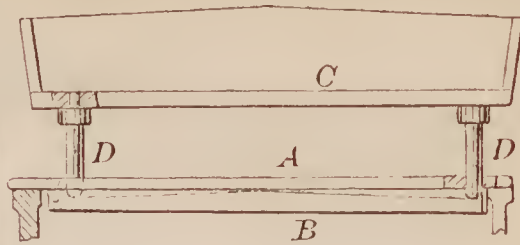
70614—A. Rank—*Harvester.*



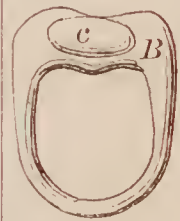
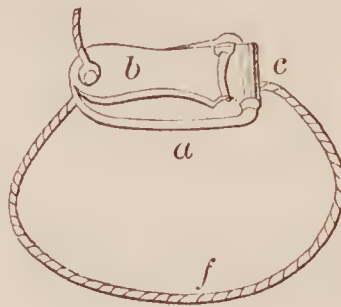
70615—Continued.



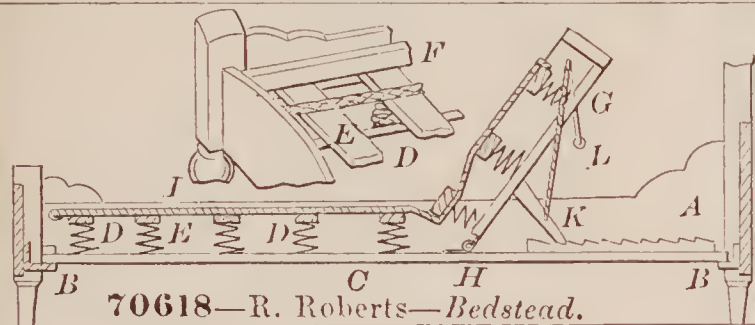
70619—R. N. Rockwell—Wagon Seat.



70620—E. Romans—
Bag Fastener.

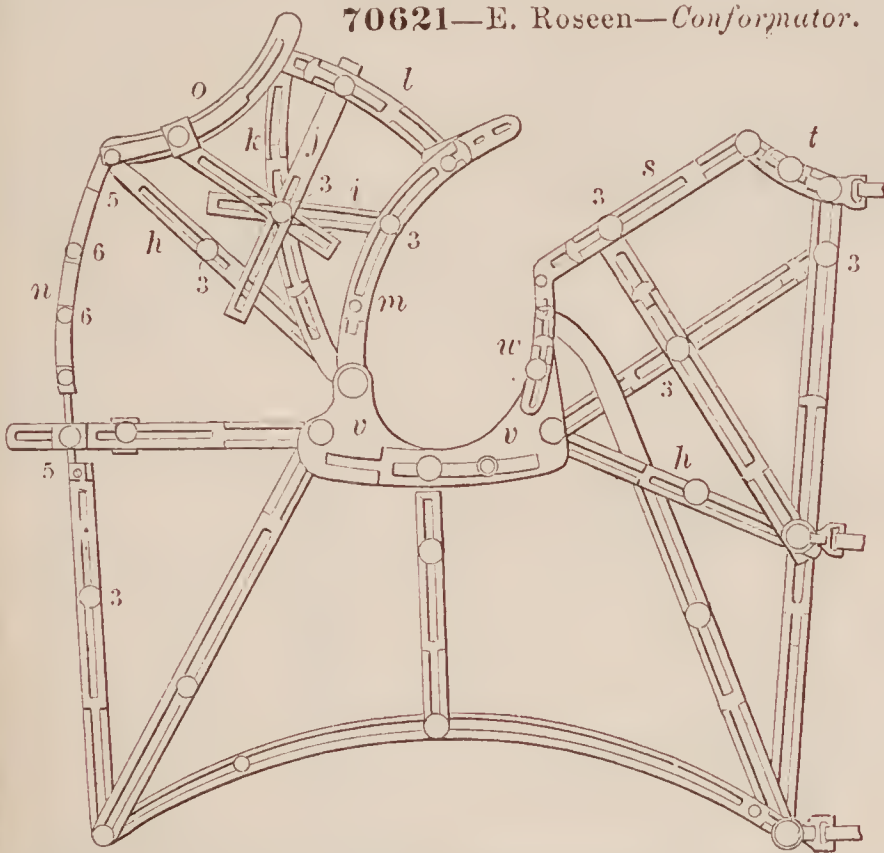


70616—M. J. Rhees—
Pessary.

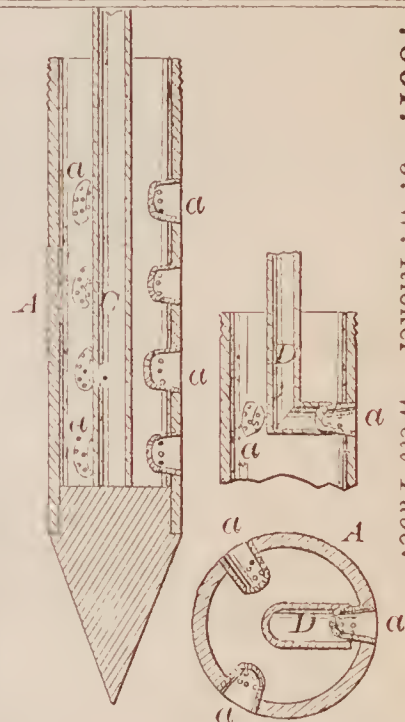


70618—R. Roberts—Bedstead.

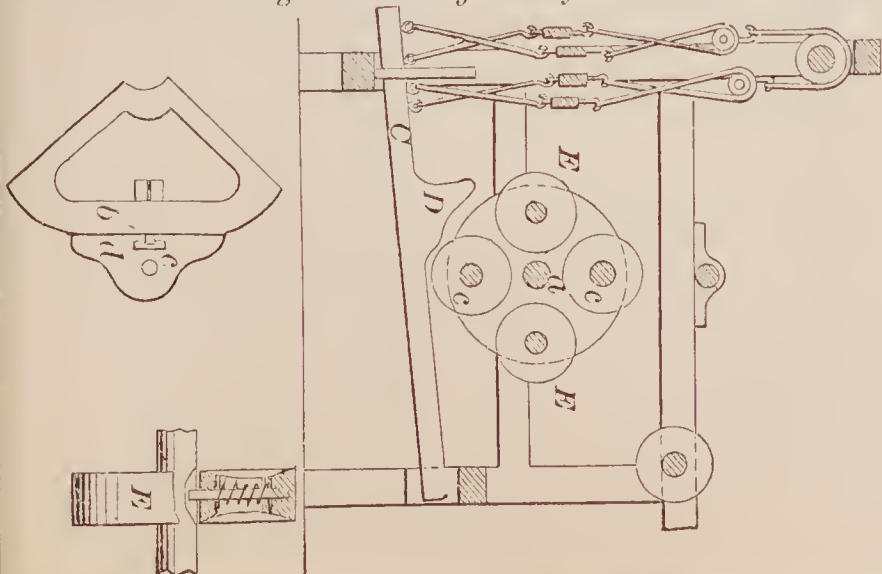
70621—E. Roseen—Conformator.



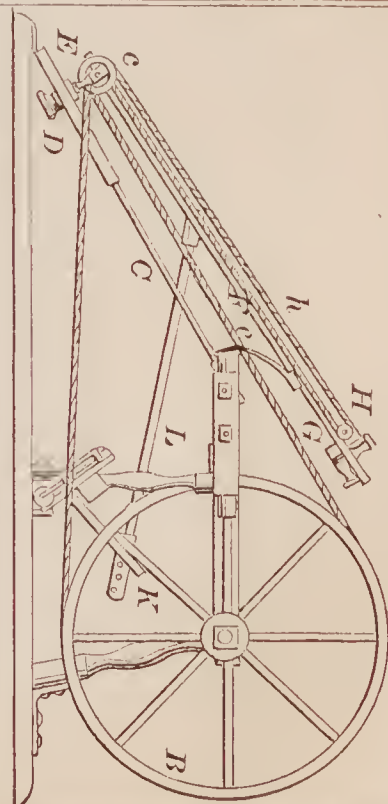
70617—J. W. Ricker—Well Tube.

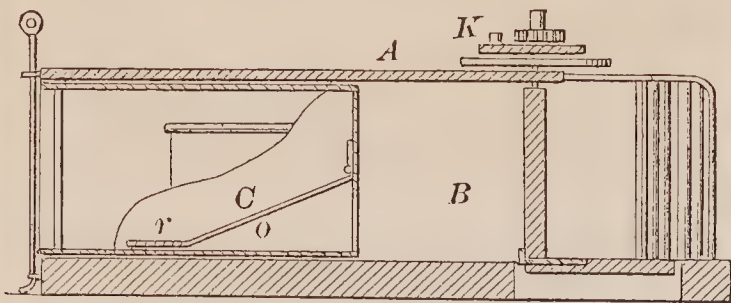
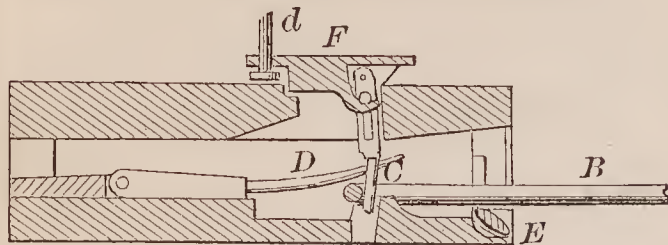
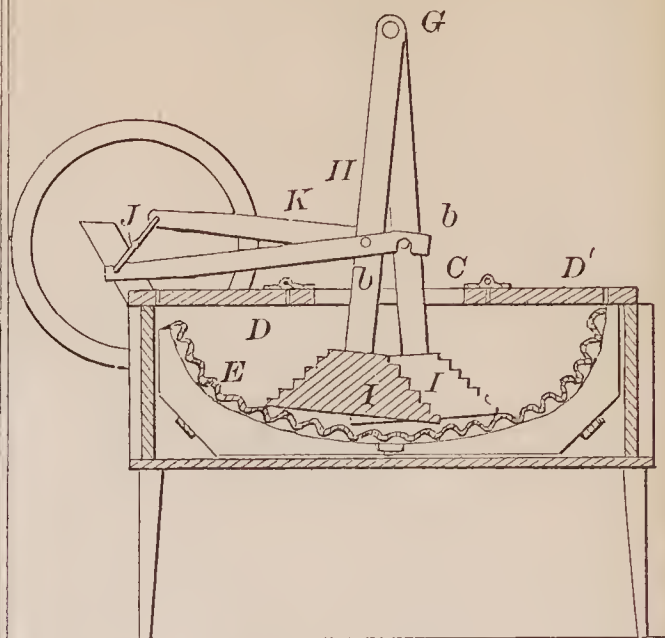
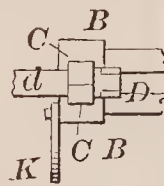
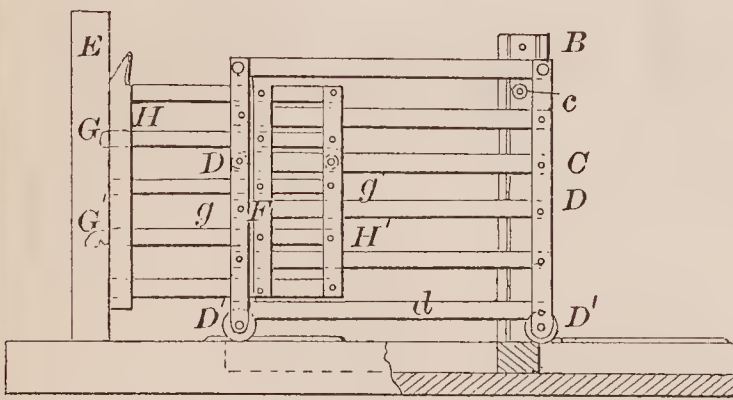
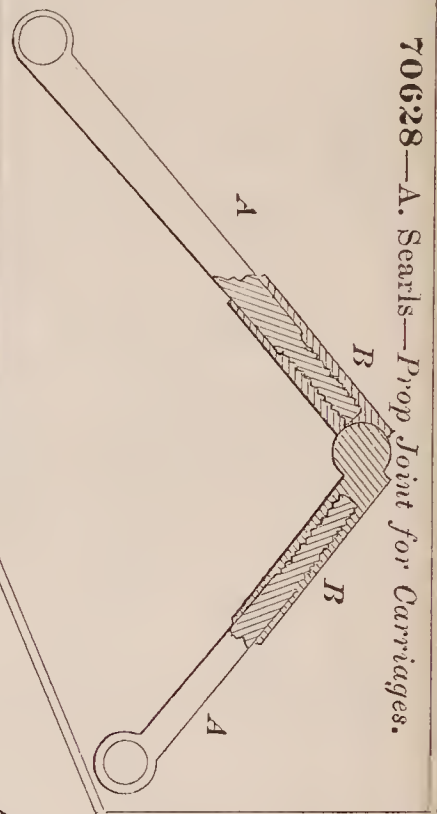
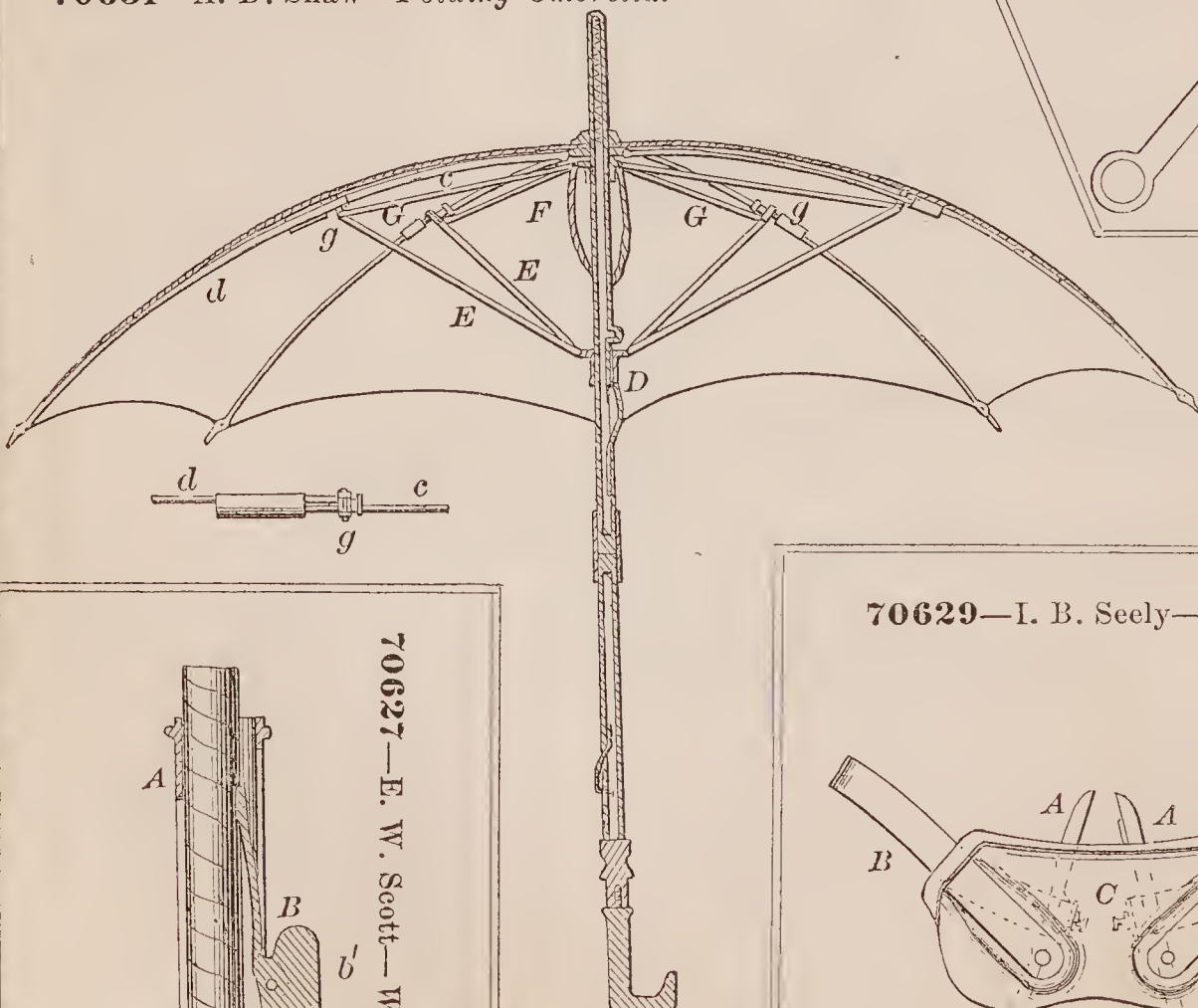
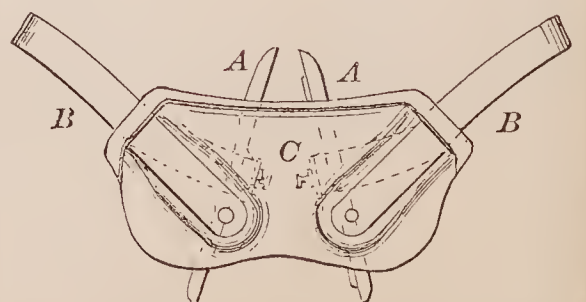
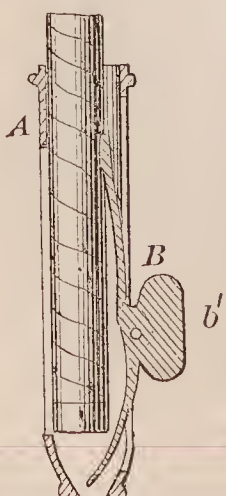


70623—R. Sargent—Rotary Cam for Looms.



70622—J. H. Rowe—Spinning Wheel.



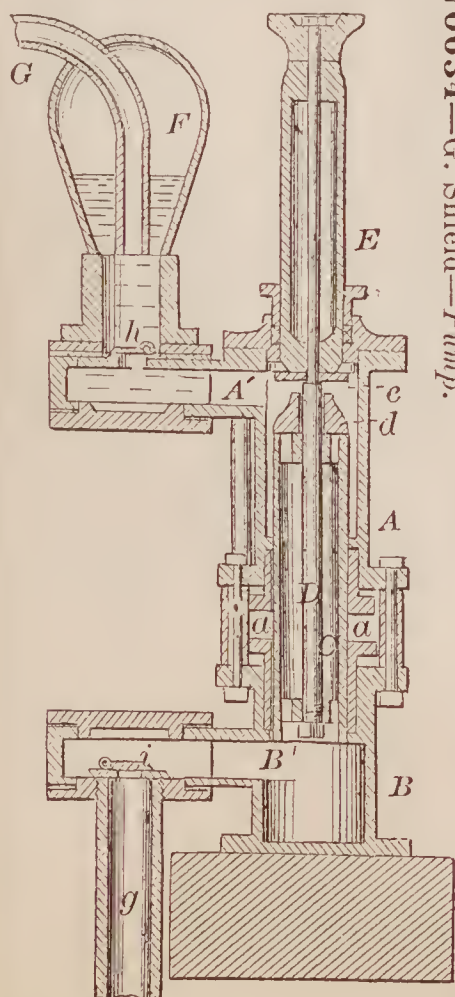
70624—J. Schroy—*Animal Trap.*70625—L. O. Schultz—*Car Coupling.*70630—G. C. Selfridge—*Washing Machine.*70626—L. M. Scothorn—*Gate.*70628—A. Searls—*Prop Joint for Carriages.*70631—A. B. Shaw—*Folding Umbrella.*70629—I. B. Seely—*Truss.*70627—E. W. Scott—*Whip Socket*

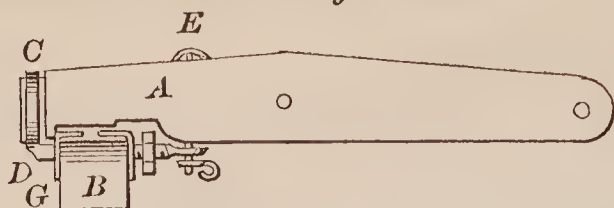
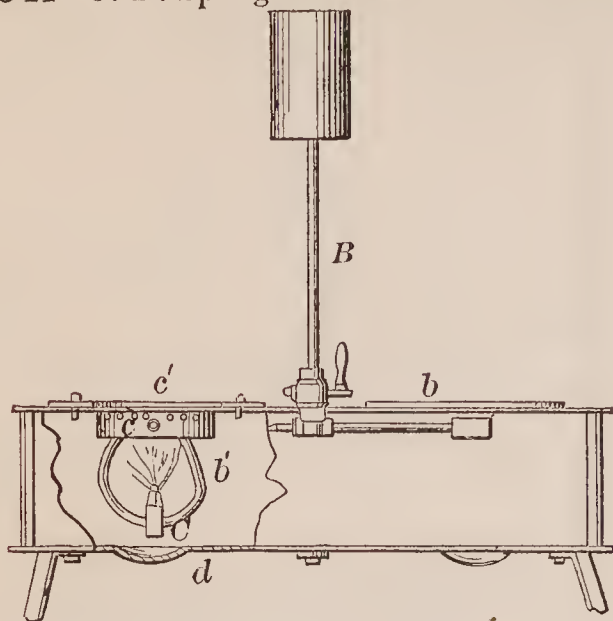
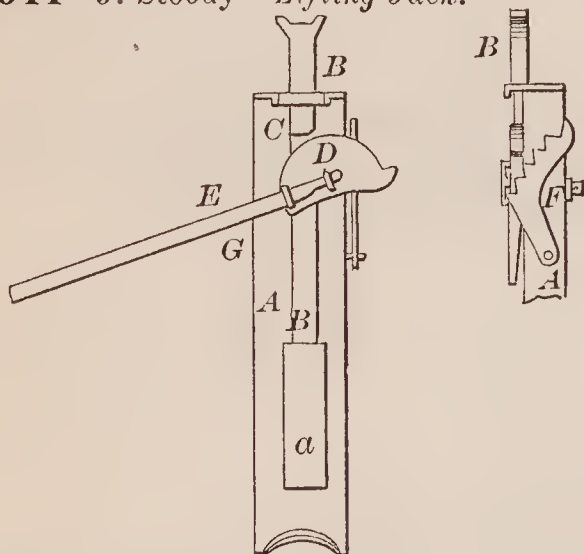
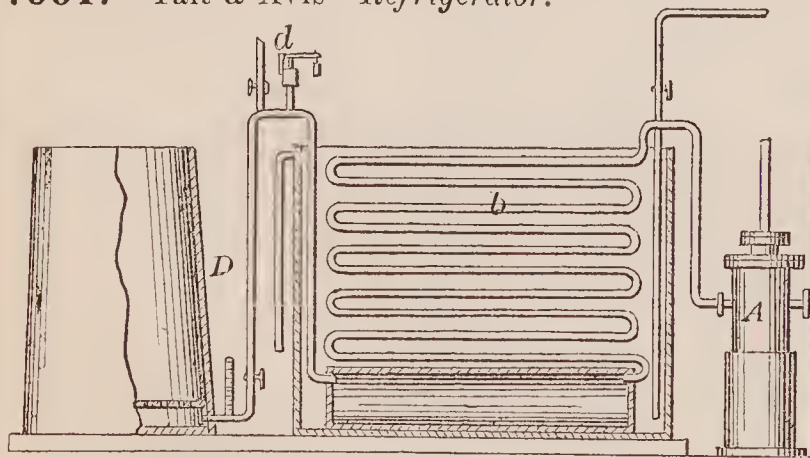
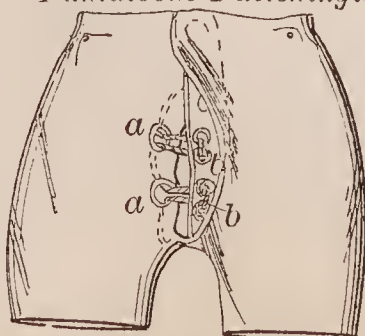
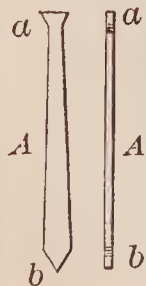
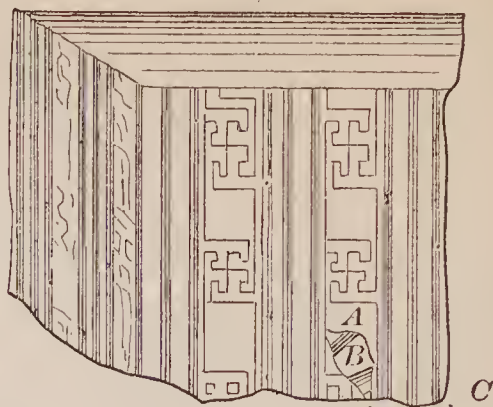
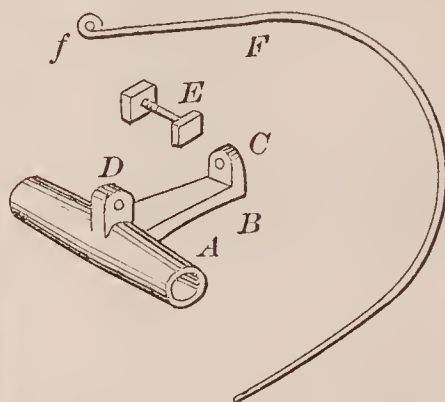
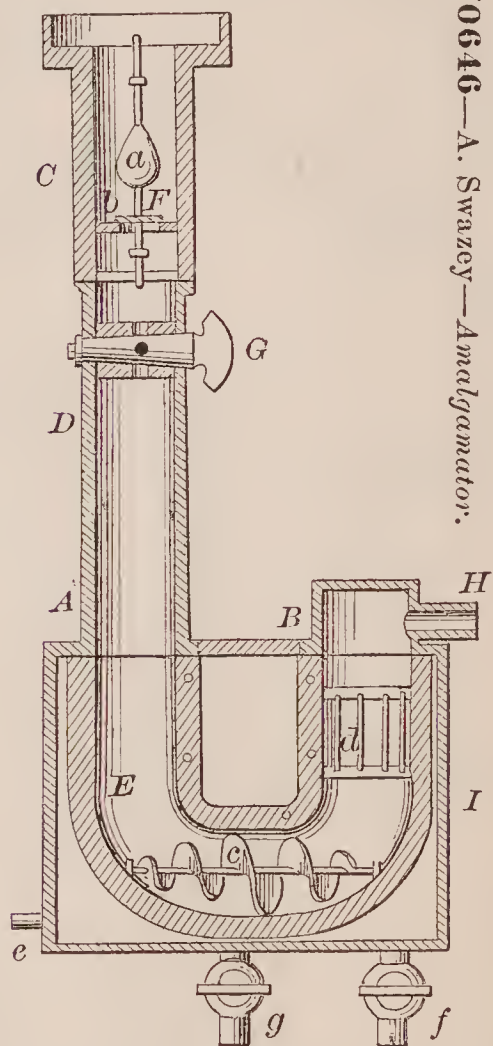
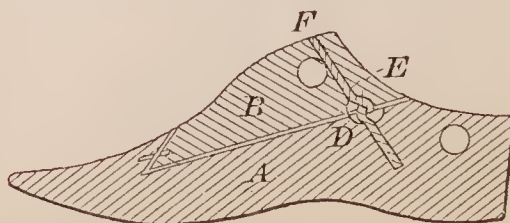
5—J. B. Slawson—*Lamp.*

70637—E. C. Smith—
Paddle Wheel.

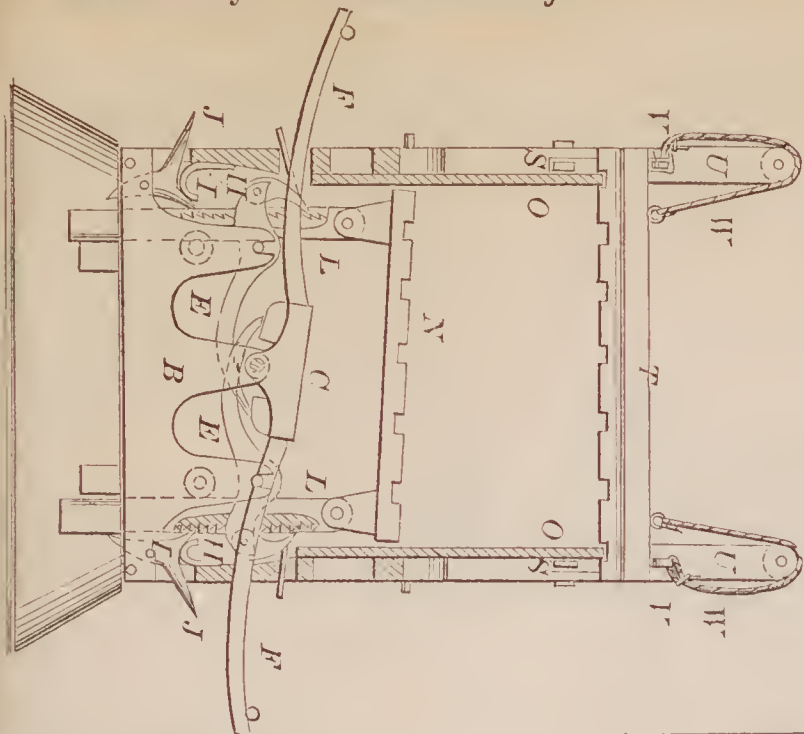
A technical drawing of a paddle wheel mechanism. The central component is a large circular wheel with a shaded inner hub. Four radial arms extend from the hub to the outer rim. Each arm is labeled with 'b' near the hub and 'd' near the rim. At the end of each arm is a paddle, labeled 'D'. The hub area contains several smaller circles and labels: 'a' in the center, 'e' at the top and bottom, and '1' and '2' on the left and right respectively. The outer rim of the wheel is labeled 'C'. The entire assembly is shown within a rectangular frame, with hatched areas on the left and right sides representing the supporting structure. The drawing is a top-down view of the mechanism.

38—J. R. Smith—Grate Bar.

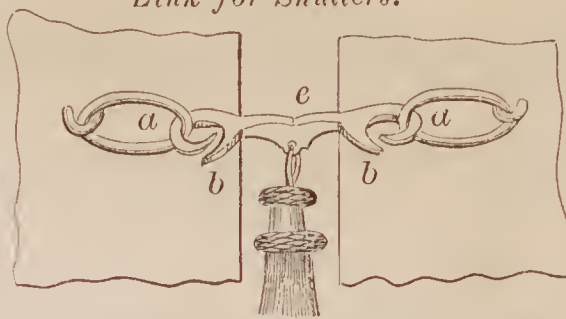
70634—G. Shield—*Pump*.

70639—T. Smith—*Wagon Brake.***70641**—J. D. Spang—*Gasoline Cook Stove.***70644**—J. Stoody—*Lifting Jack.***70647**—Tait & Avis—*Refrigerator.***70645**—I. Stratton—*Pantaloons Fastening.***70642**—H. Stanton—*Finishing Brads.***70640**—J. M. Soutrenon—*Covering for Walls.***70643**—H. K. Stoner—*Horse Rake.***70646**—A. Swazey—*Amalgamator.***70648**—A. Taylor—*Last.*

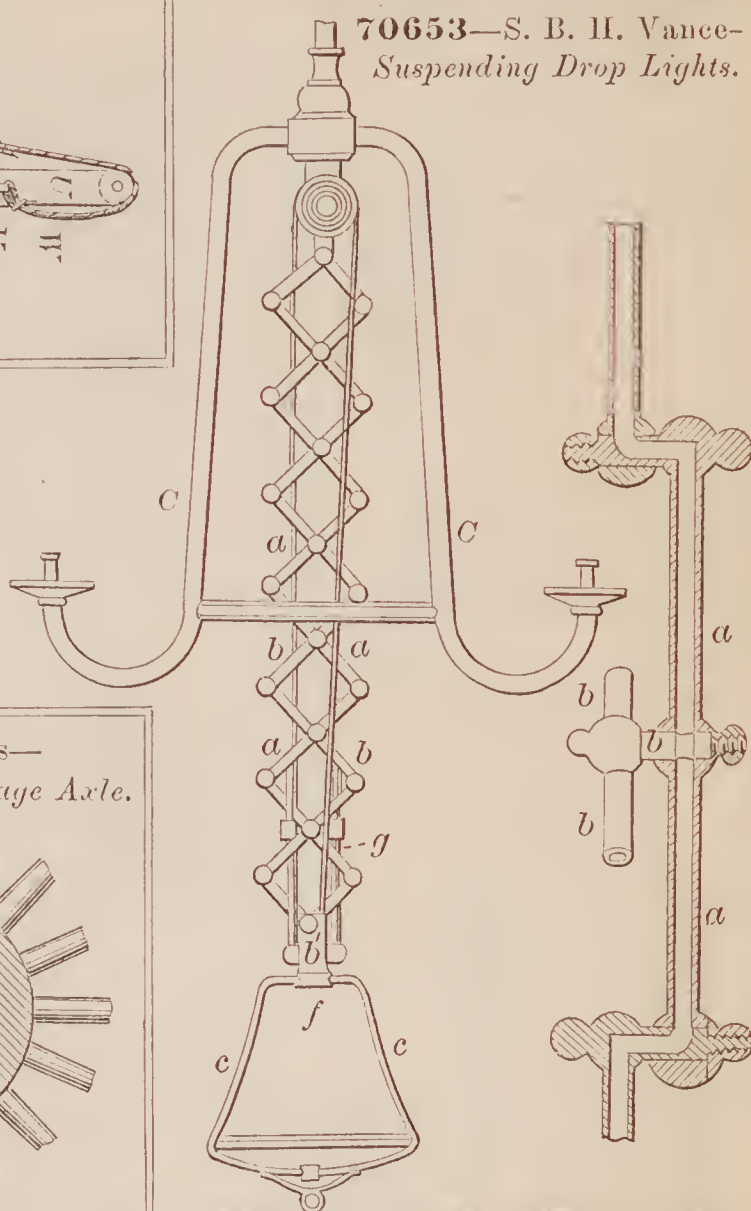
70649—Taylor & Baker—*Baling Press.*



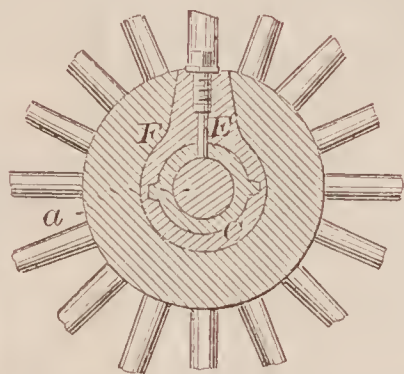
70651—M. Thomas—*Retaining Link for Shutters.*



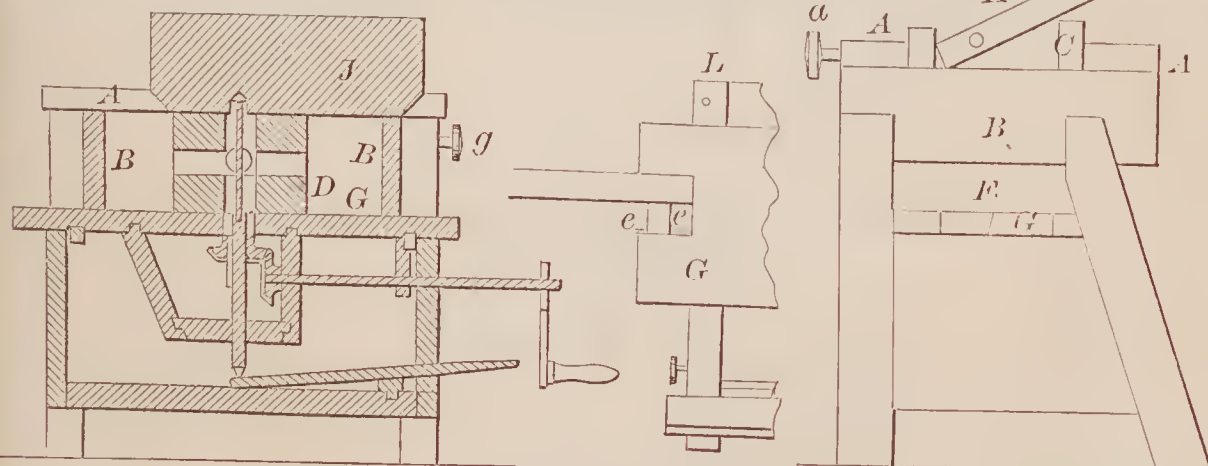
70653—S. B. H. Vance—*Suspending Drop Lights.*



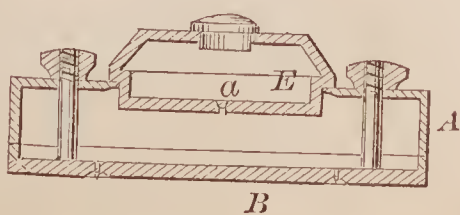
70650—E. Thomas—*Lubricating Carriage Axle.*



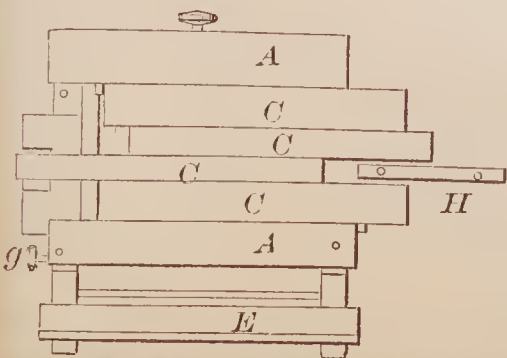
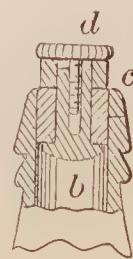
70657—W. Weaver—*Combination Bench. II*



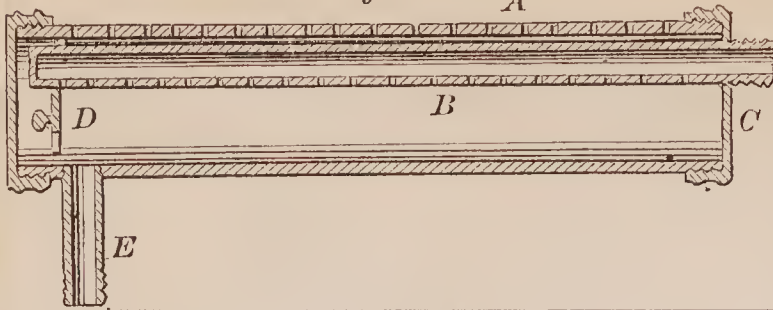
70656—W. Weaver—*For Scouring Marble*



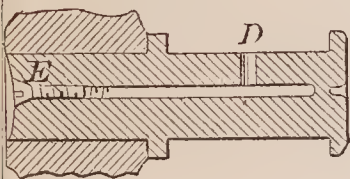
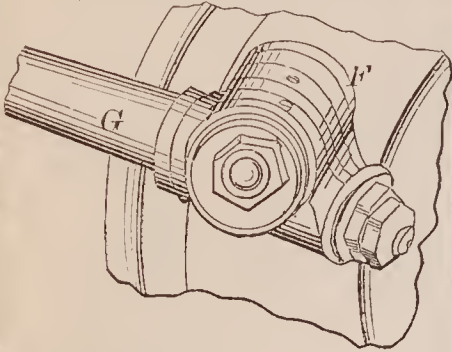
70654—W. Von Hofe—*Bottle Stopper.*



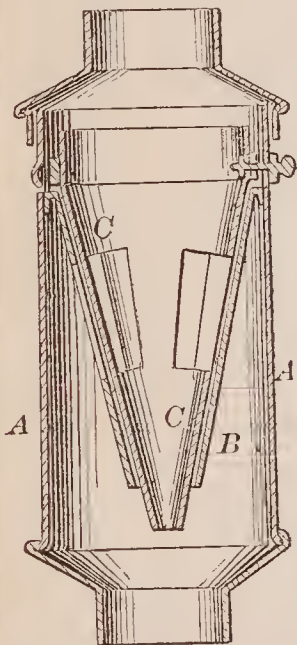
70658—A. Webster—*Steam Cylinder for Finishing Cloth.* *A*



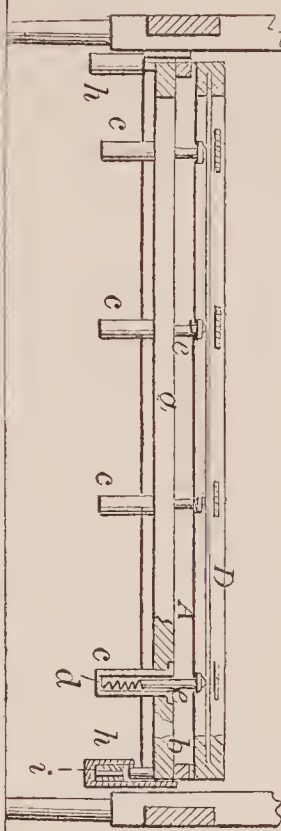
70661—W. N. Whiteley—*Pitman Head and Crank Wrist Connection.*



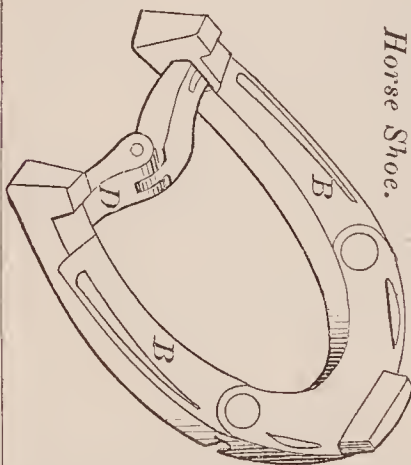
70659—E. Webster—*Stove Pipe Drum.*



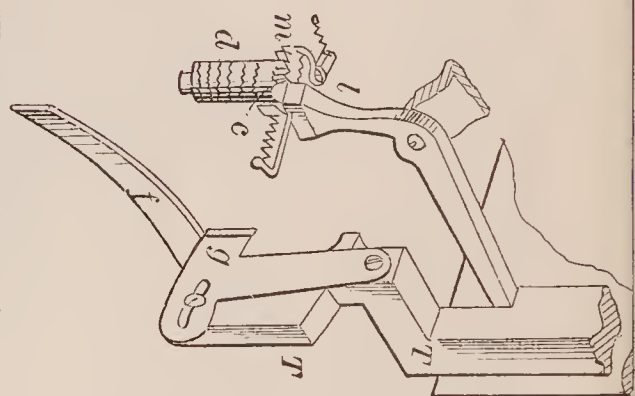
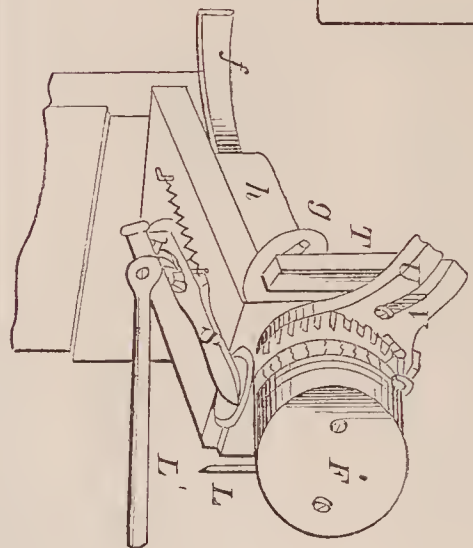
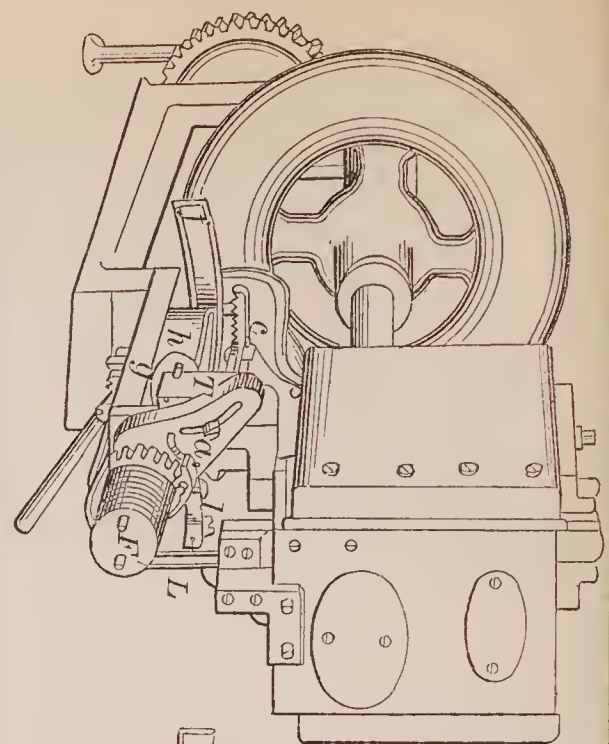
70663—J. W. Wilder—*Bed Bottom.*



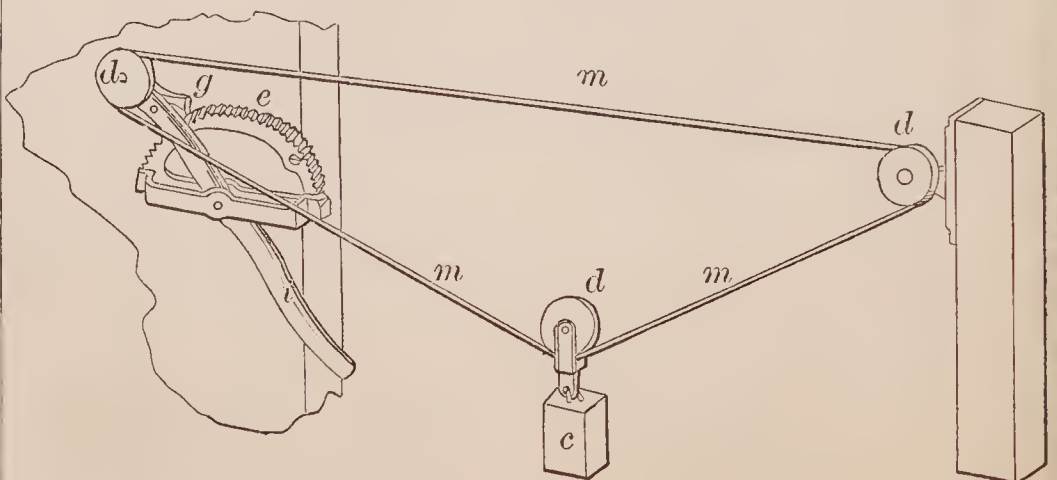
70660—J. Wheeler—*Horse Shoe.*



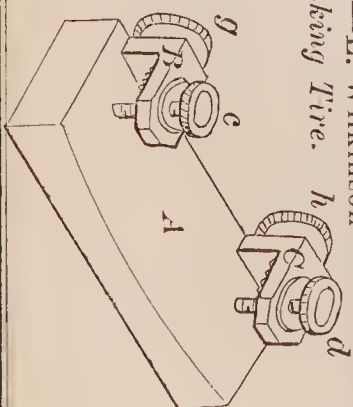
70662—D. Whittemore—*For Pegging Boots and Shoes.*



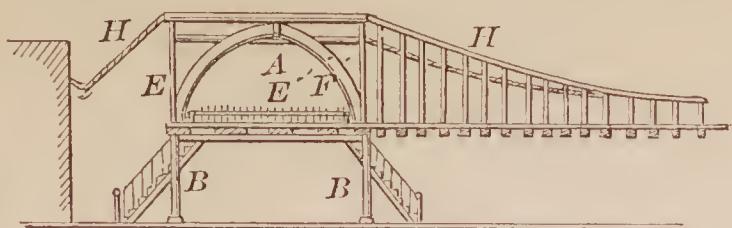
70665—J. L. Willcox—*Clothes Line Holder.*



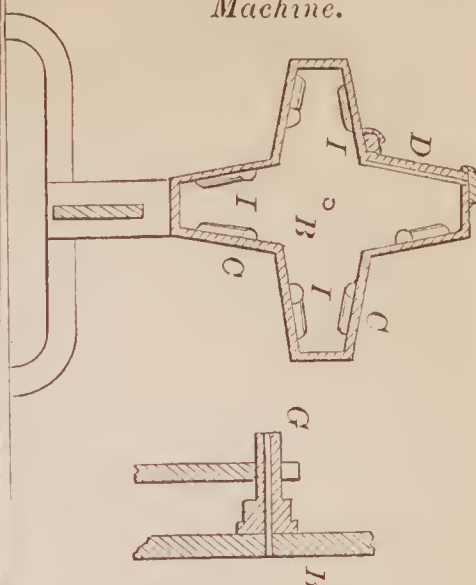
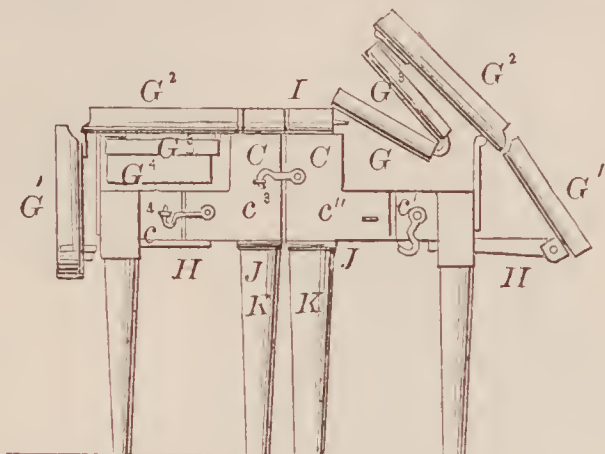
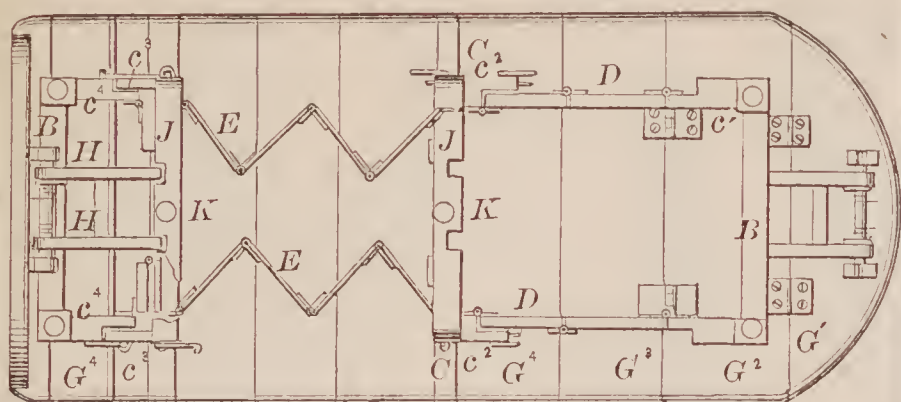
70664—L. Wilkinson—*Shrinking Tire.* *h*



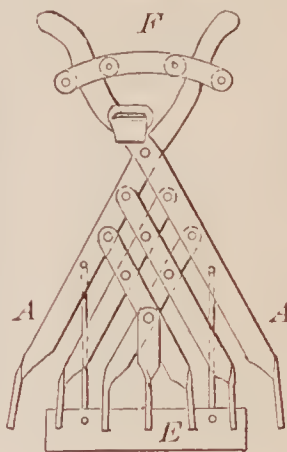
70666—W. H. Williams—*Elevated Railroad.*



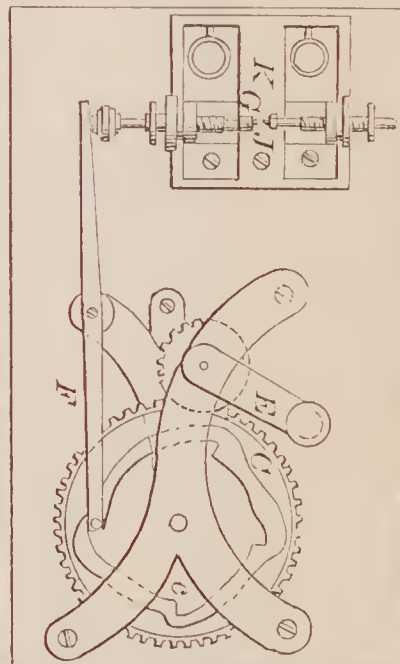
70667—G. L. Witsil—*Washing Machine.*

70668—F. R. Wolfinger—*Extension Table.*

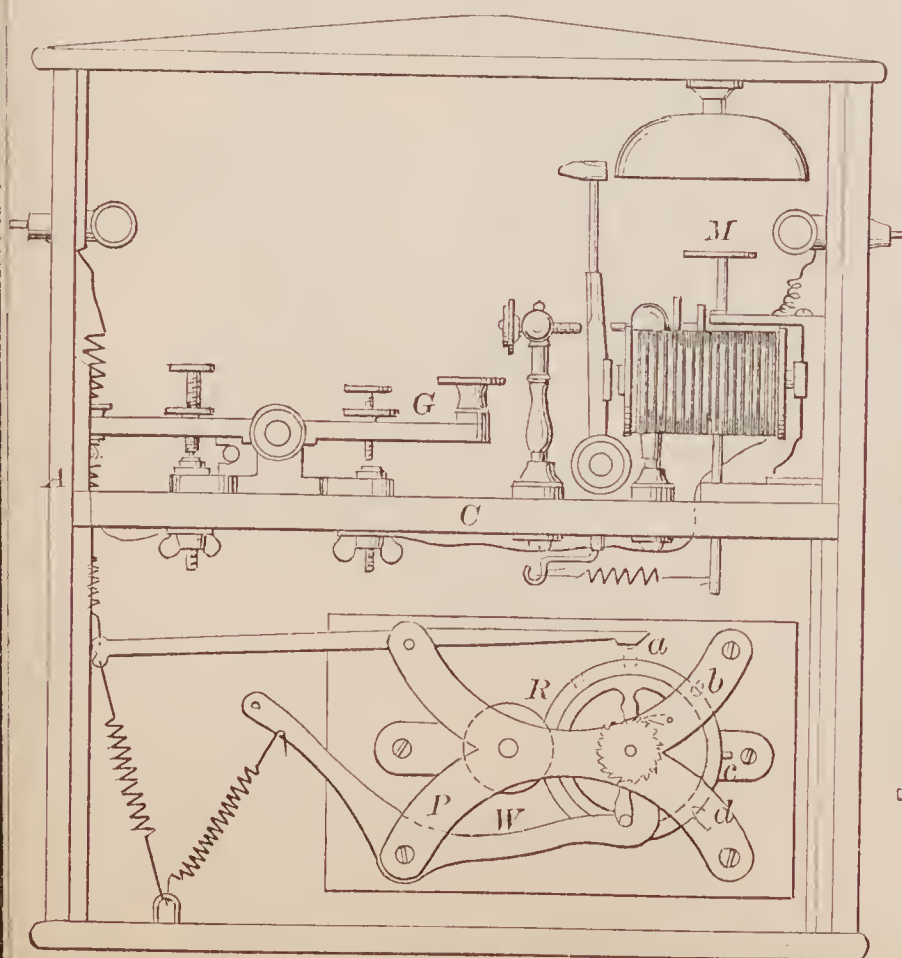
70669—D. Woodbury—
For Making Bricks.



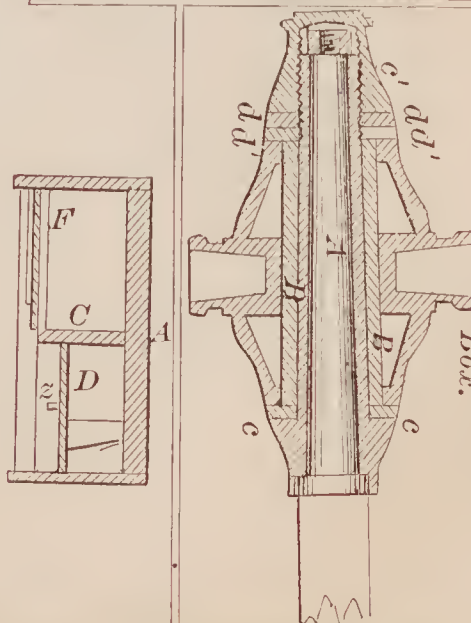
70673—J. M. Fairchild—For Opening and Closing Telegraphic Circuits.



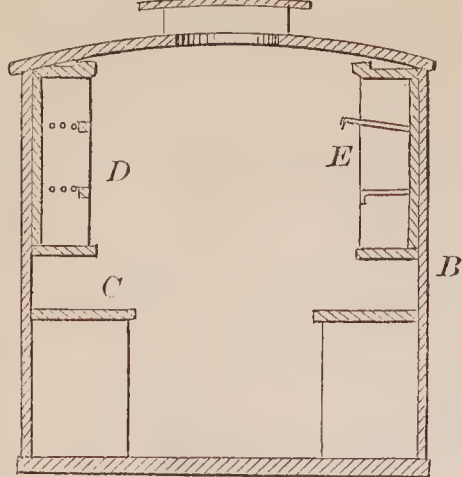
70672—J. M. Faurchild—*Fire Alarm Telegraph.*



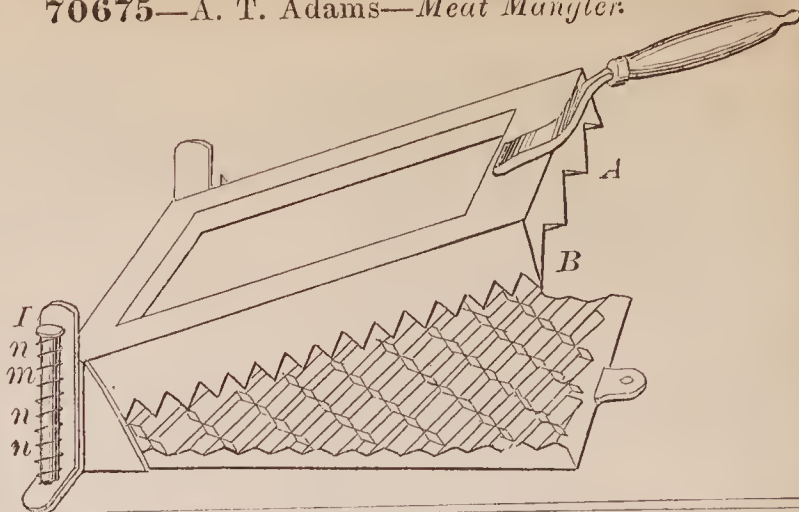
70670—E. G. Woodside—*Wheel Hub*
Box.



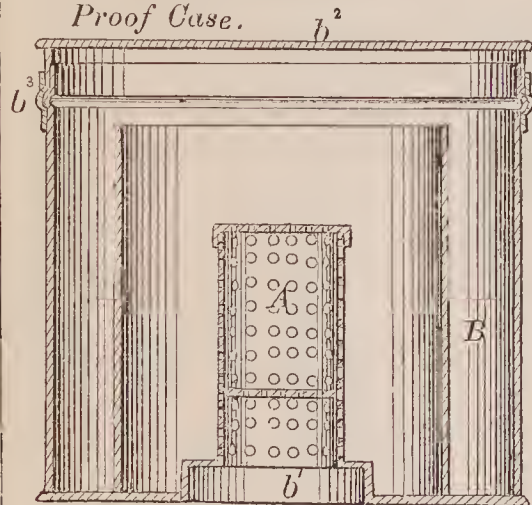
70674—H. G. Pearson—Pigeon
Hole for Post Offices.



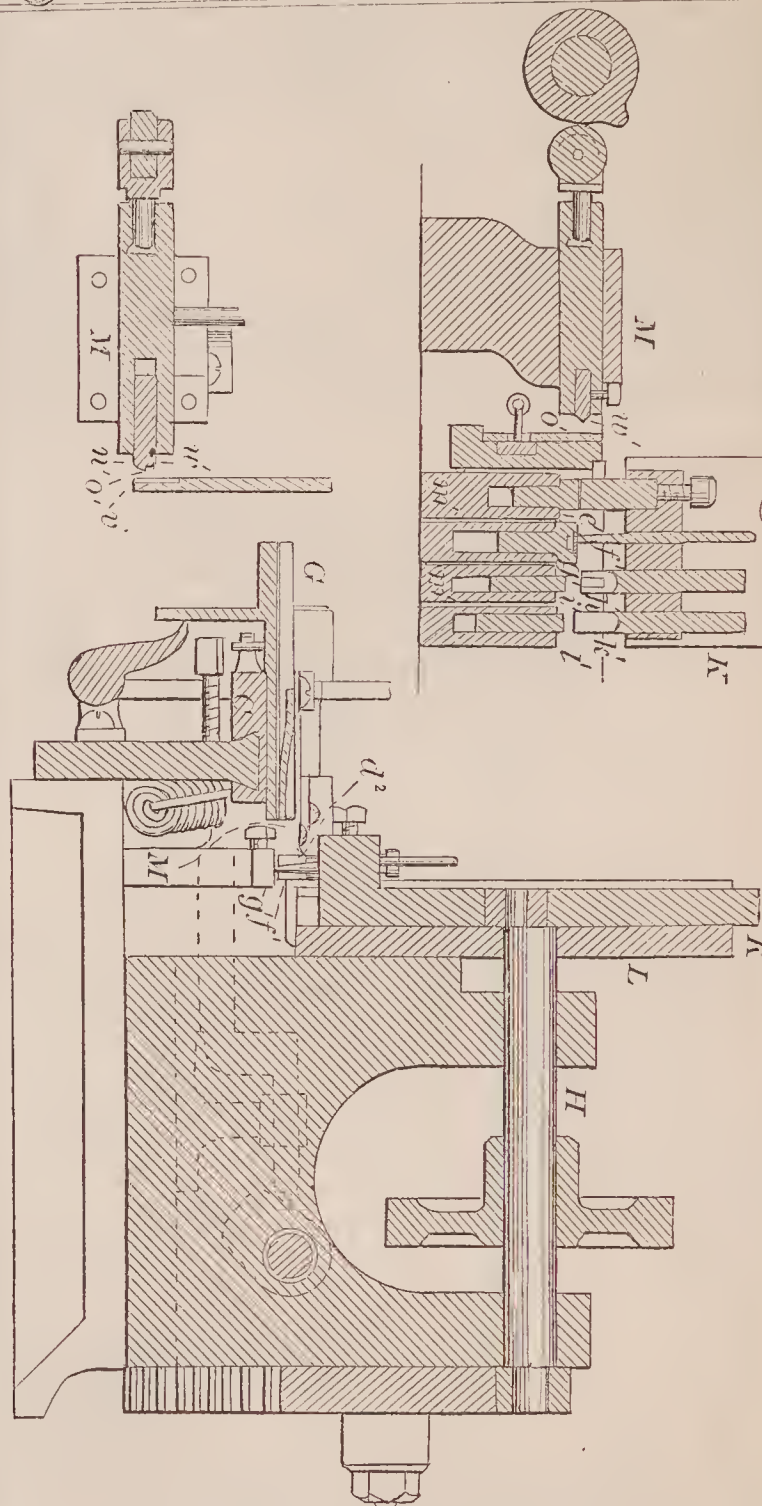
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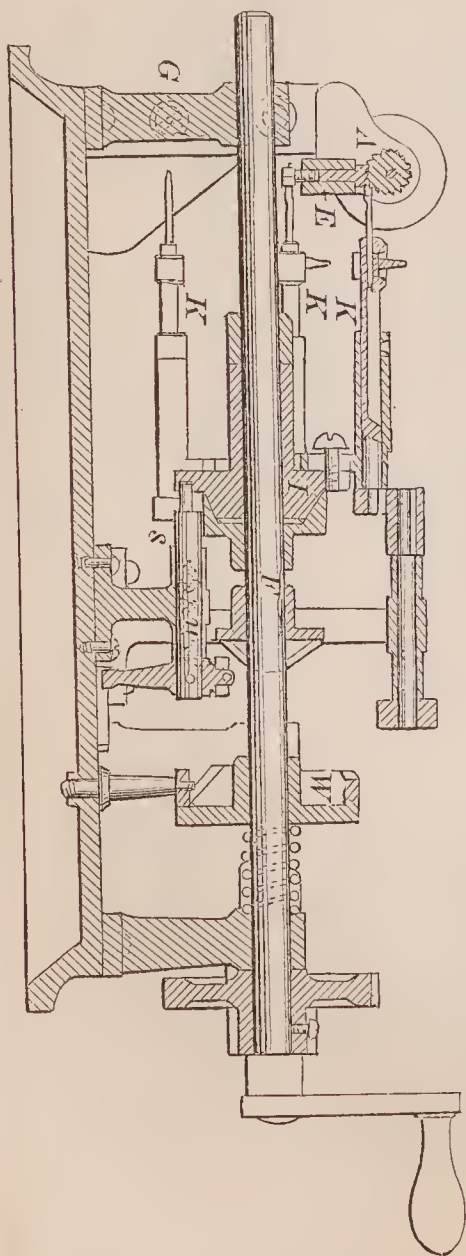
70676—Aikin & Stone—Moth
Proof Case.



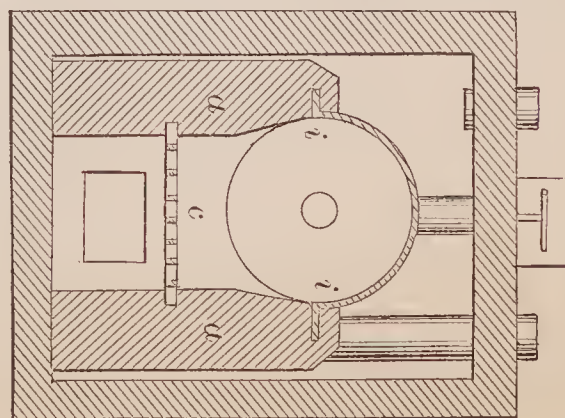
70678—W. Aiken—Machine Knitting Needle



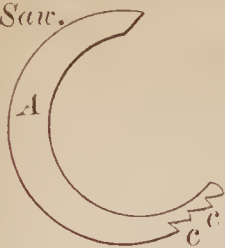
70677—W. Aiken—Needle Machine.



70679—B. Arthurs—Hot Air Furnace.



70680—
J. E. Atwood—
Saw.



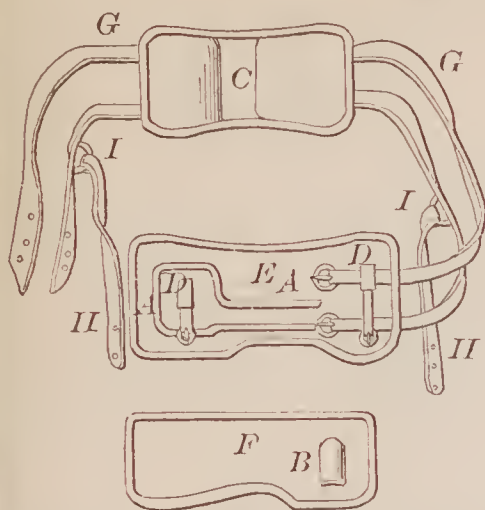
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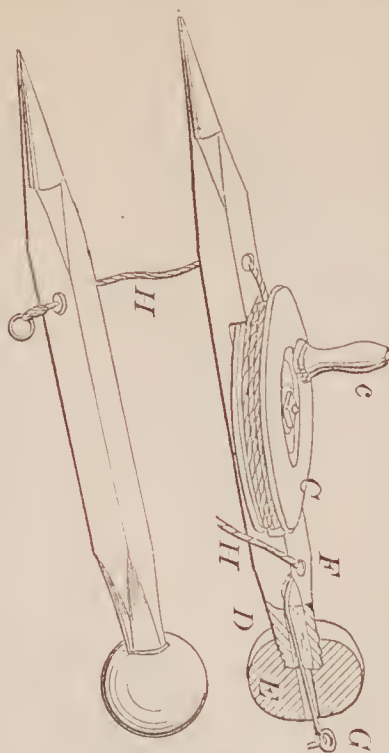
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Salver.



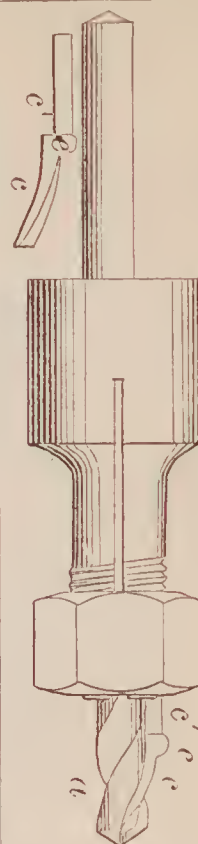
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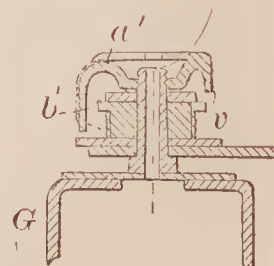
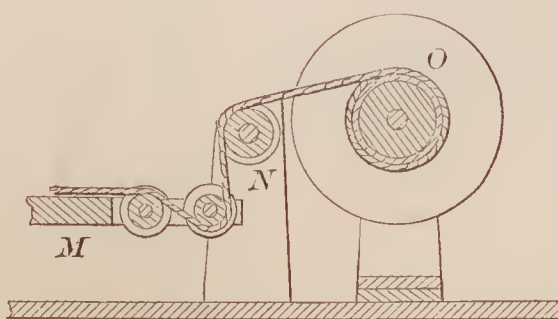
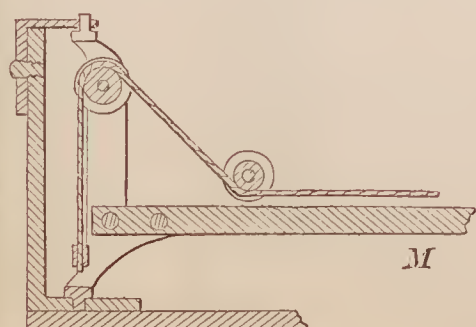
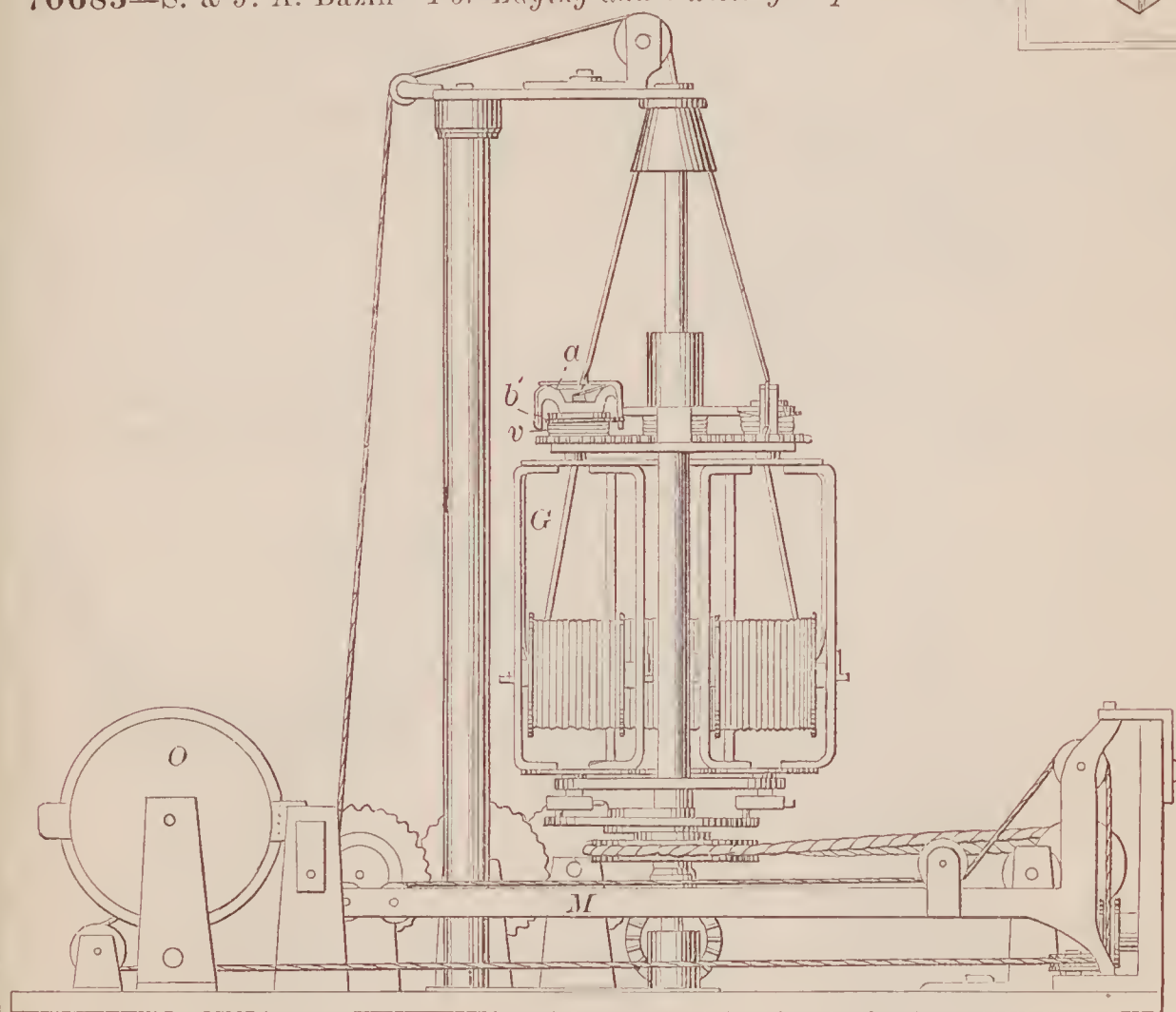
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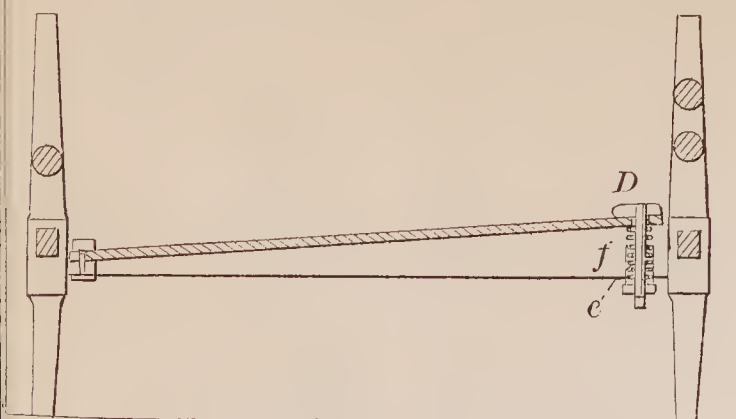
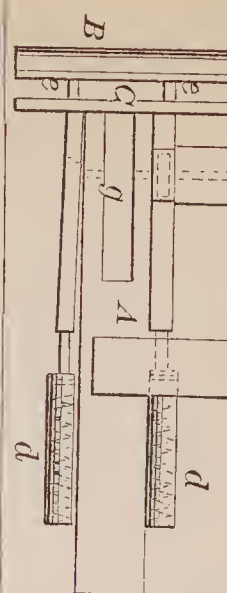
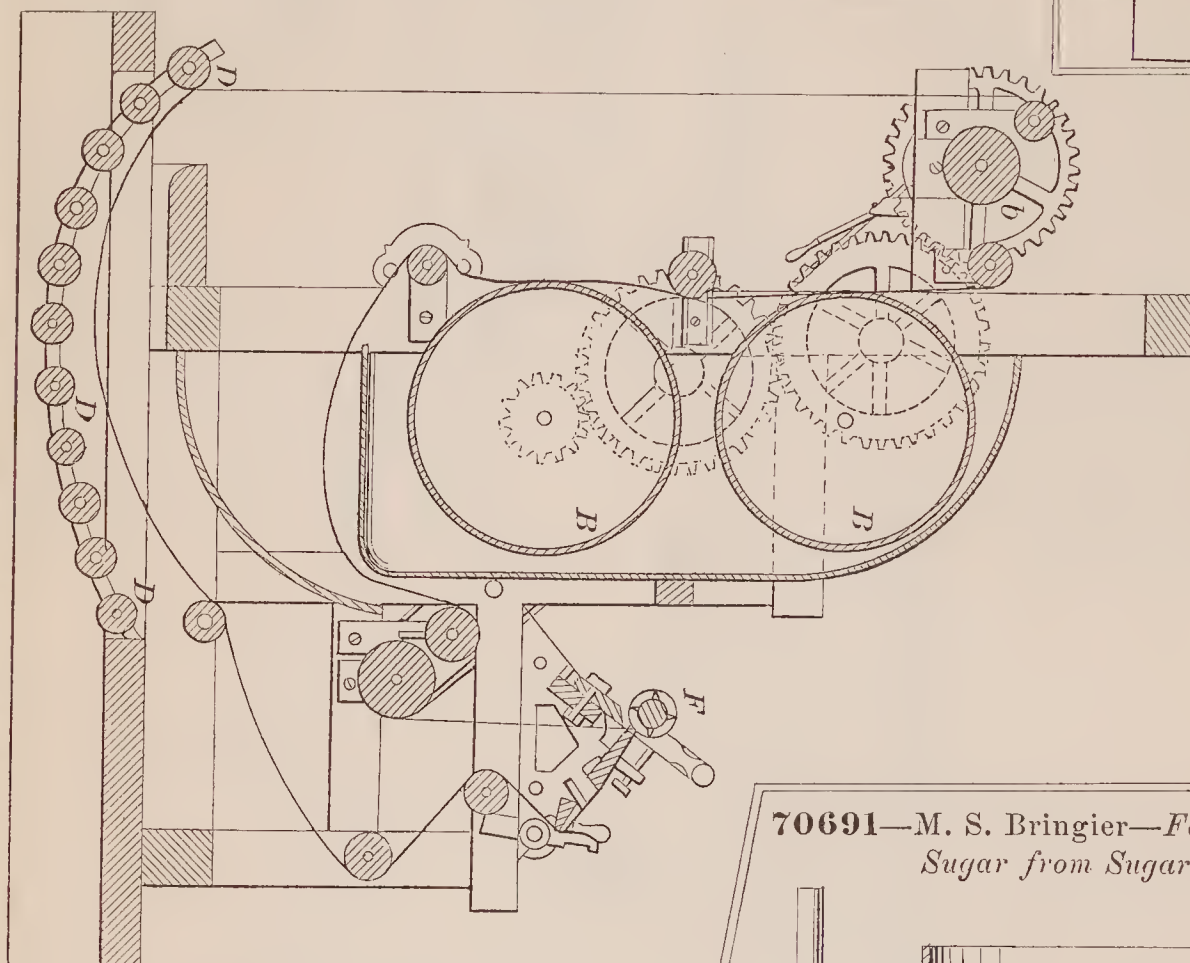
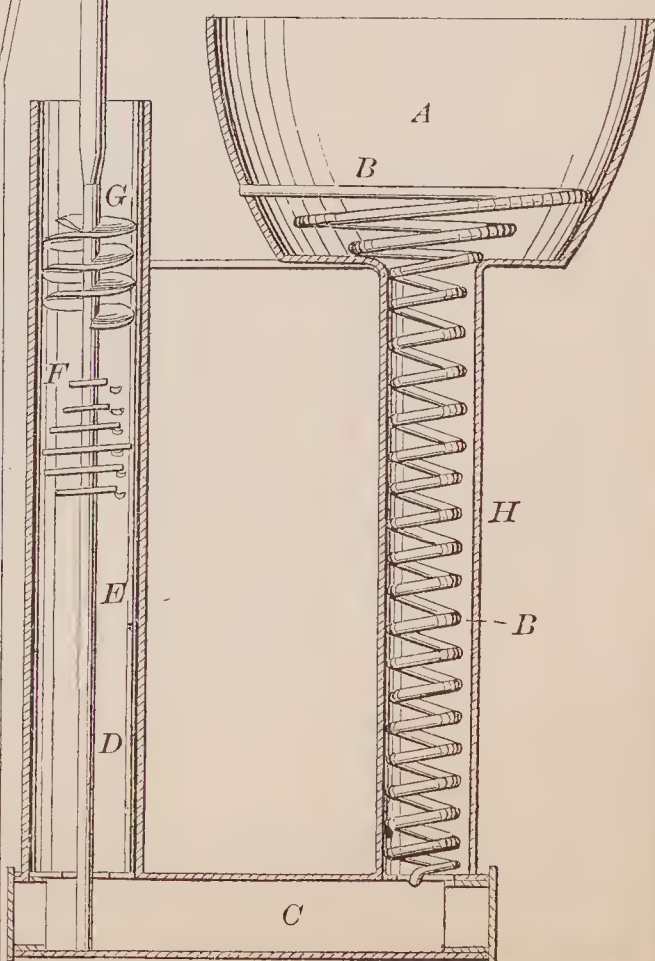
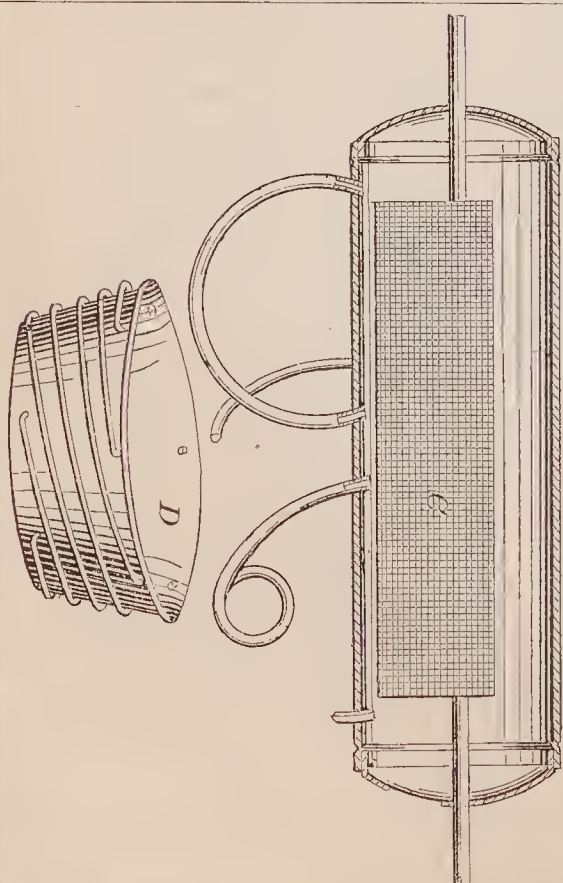


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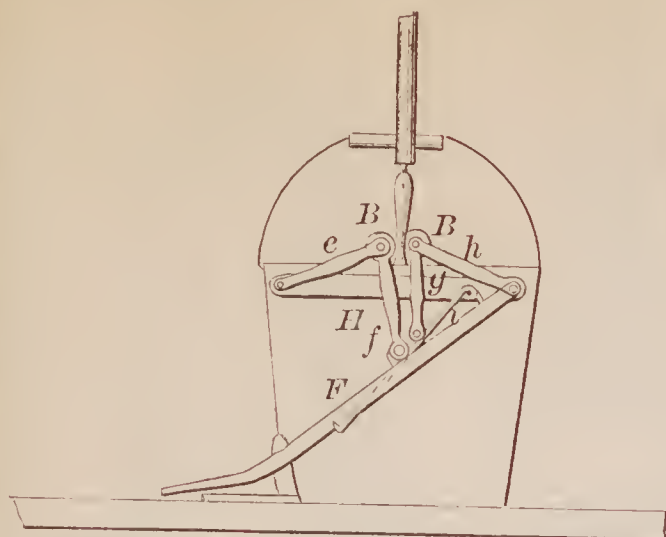


70685—S. & J. A. Bazin—For Laying and Twisting Rope

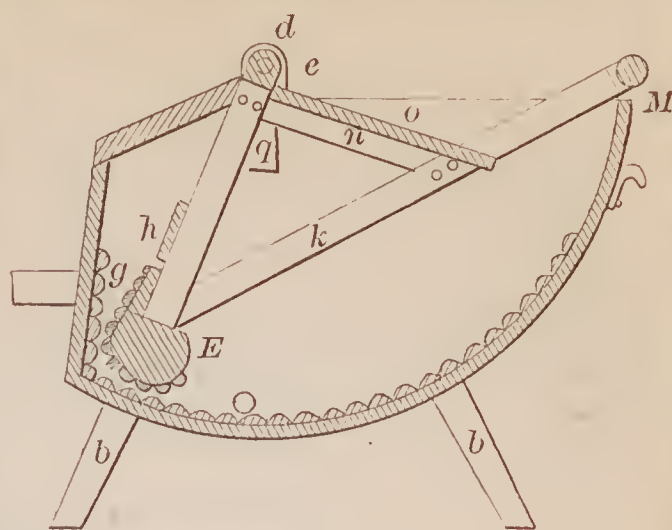


70687—A. Bingham—*Bed Bottom.*70689—Boyd & Kriegbaum—*Car Coupling.*70688—E. Birkenshaw—*For Finishing Woolen Cloth.*70691—M. S. Bringier—*For Extracting Sugar from Sugar Cane.*70690—M. S. Bringier—*For Evaporation.*

70692—Brooks & Matteson—Mop Wringer.



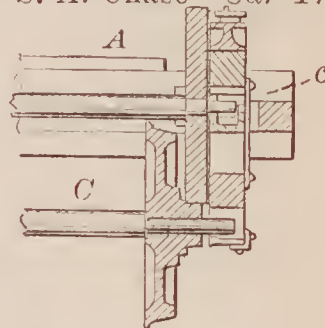
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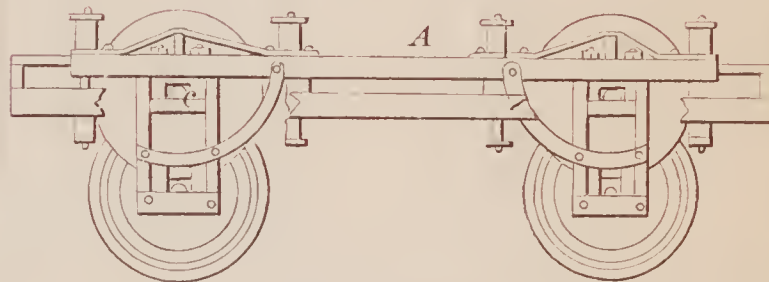
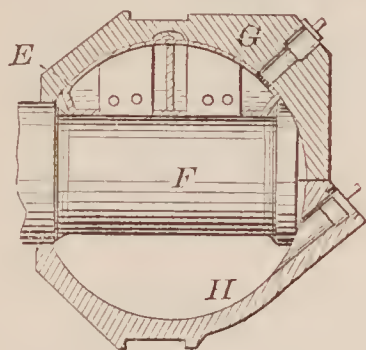
70694—A. L. Carrier—Attaching Ferrules to Handles.



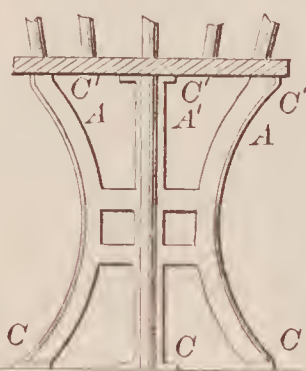
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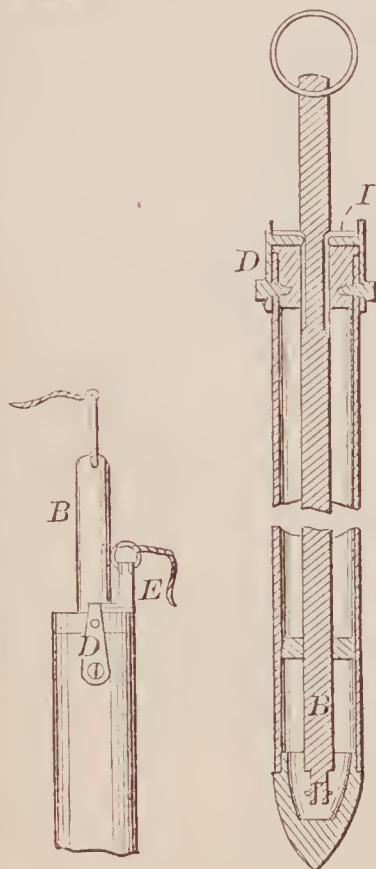
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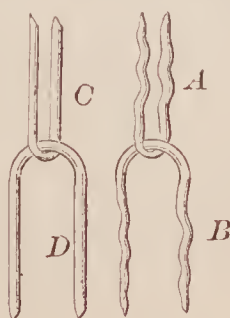
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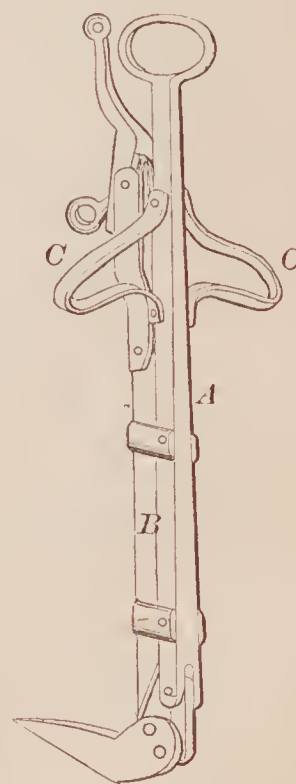
70695—W. Carroll—Horse Hay Fork.



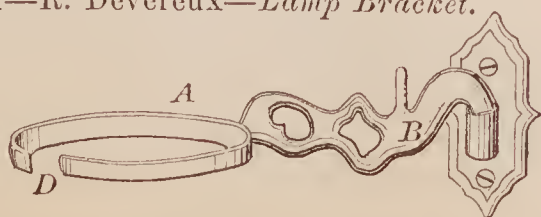
70702—F. Douglas—Blind Staple.



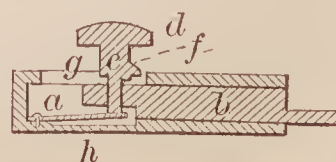
70700—J. S. Culver—Horse Hay Fork.

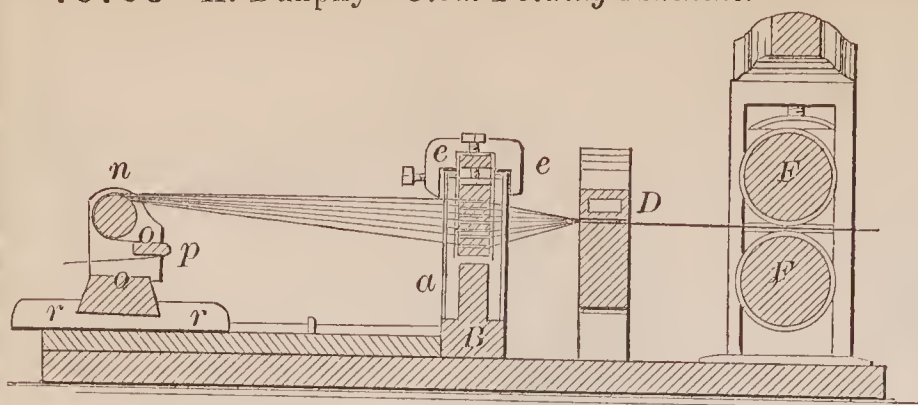
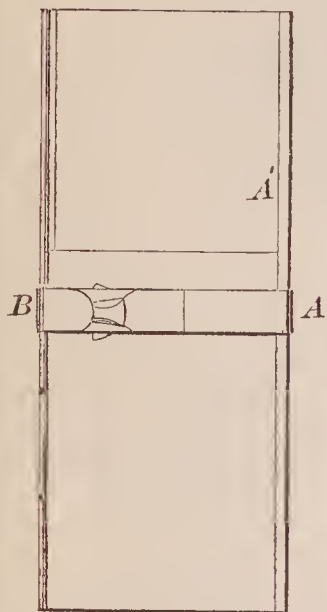
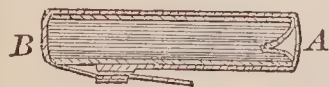
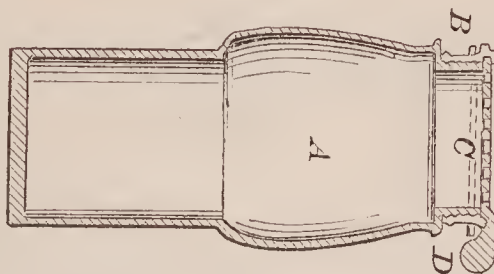
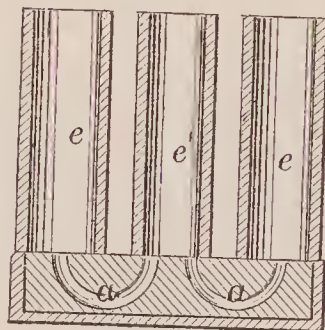
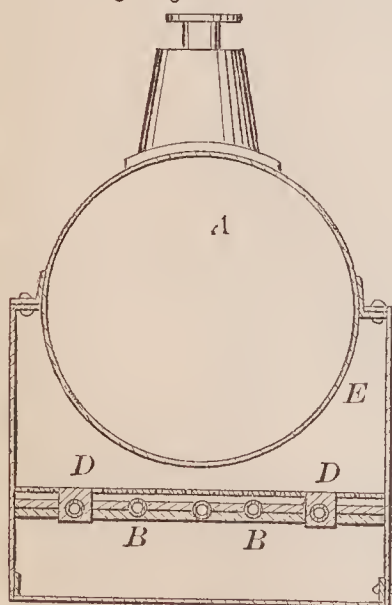
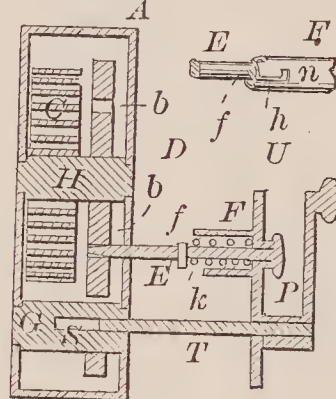


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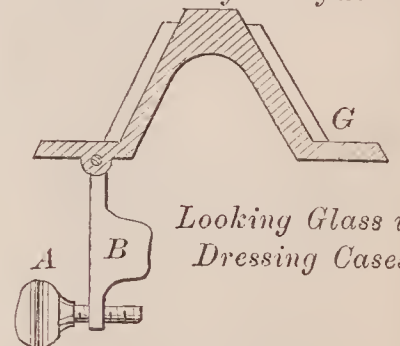
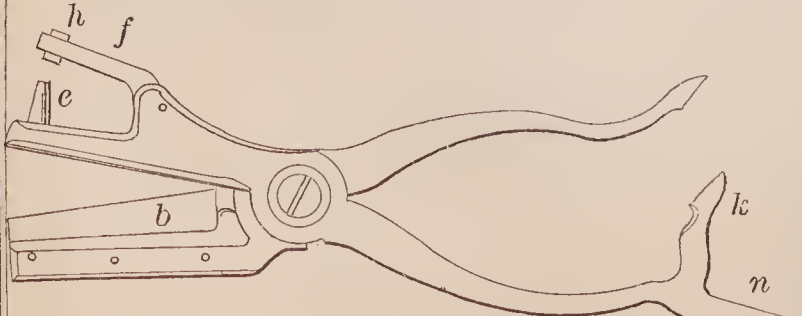
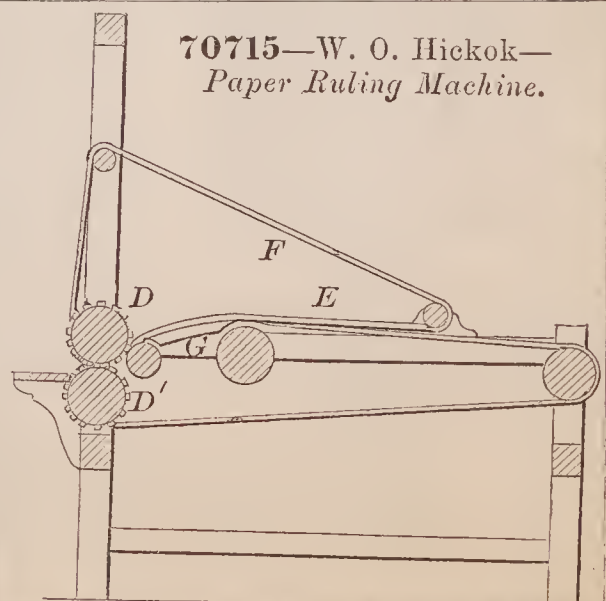
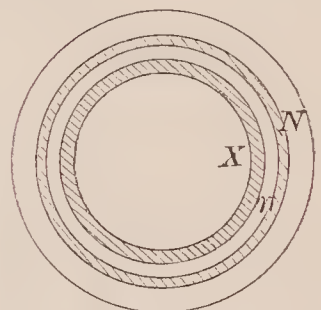
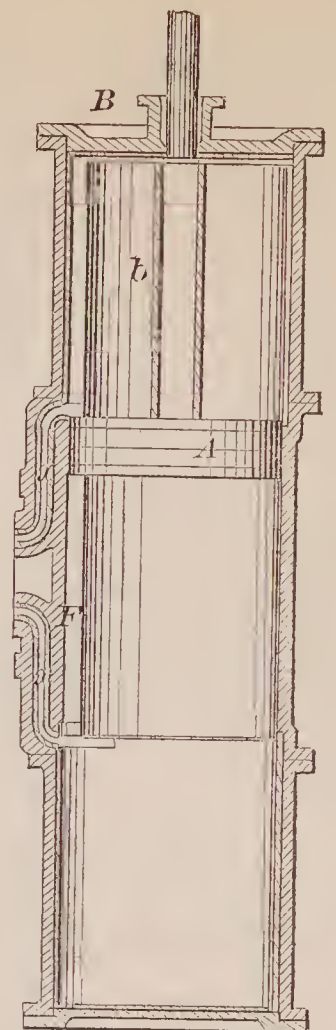


70699—Corthell & Richards—Door and Window Fastener.

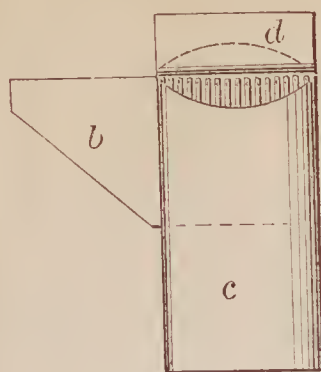


70706—H. Dunphy—*Cloth Folding Machine.*70708—W. Fallon—*Paper File.*70709—W. A. Fenn—*Salt Sifter.*70710—J. E. Fry—*Mould for Casting Steel Ingots.*70712—M. T. Gosnell—*For Burning Hydro-Carbon Oil.*70714—E. Herbster—*Sash Fastener.*

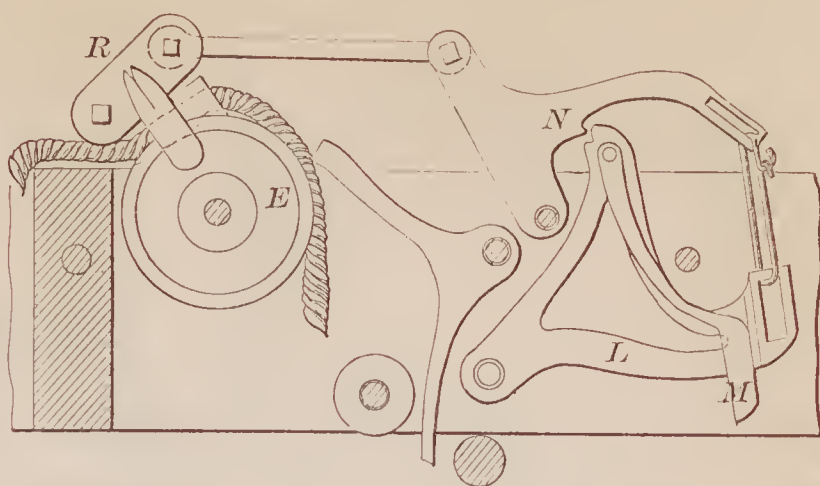
70713—Gray & Hyde—

Looking Glass in
Dressing Cases.70711—M. C. Goodale—*Belt Cutter.*70715—W. O. Hickok—*Paper Ruling Machine.*70707—C. E. Emery—*Steam Engine.*

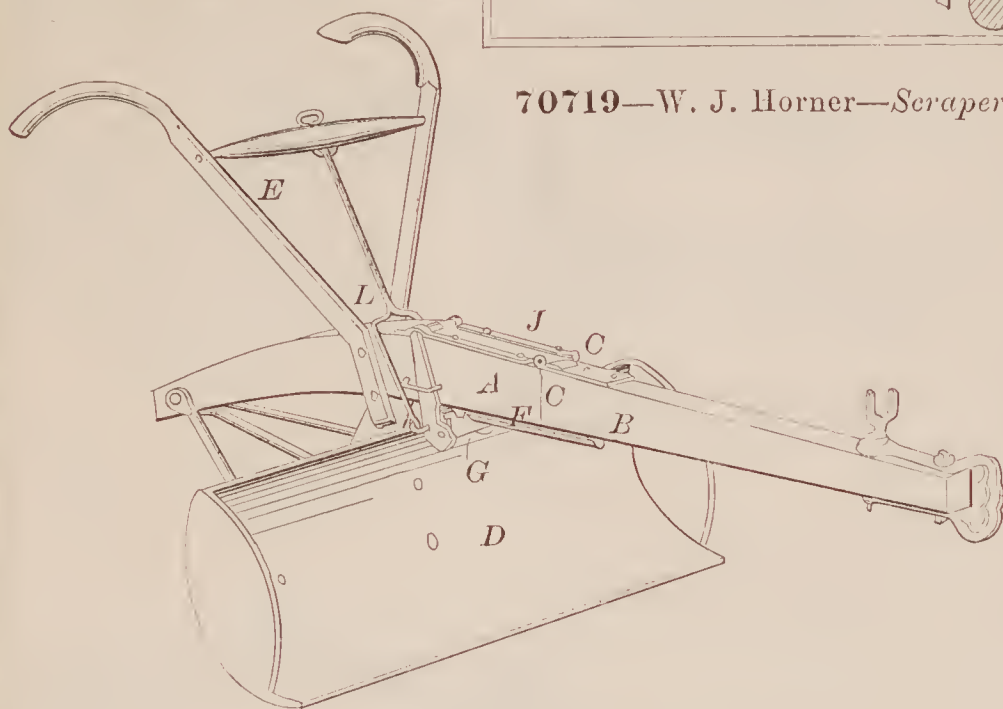
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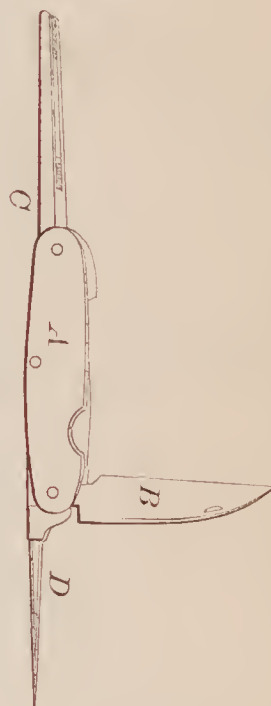
70717—N. D. Hinman—Clutch for Hay Elevators.



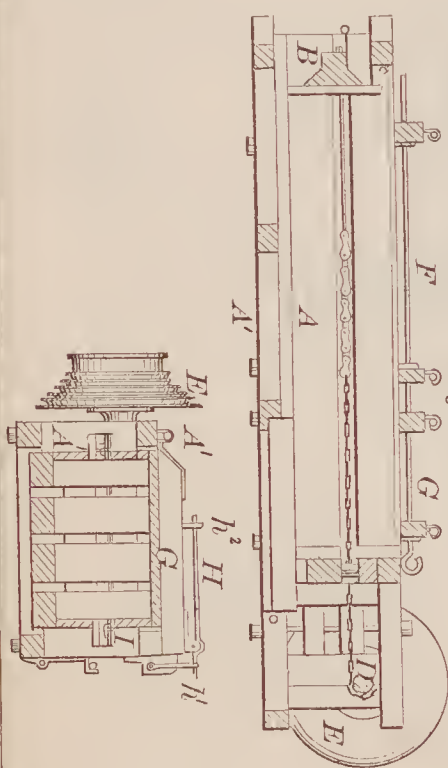
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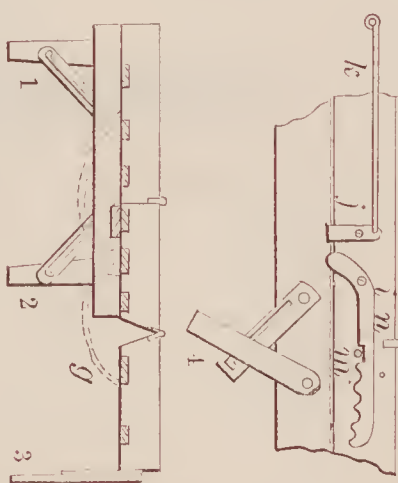
70718—P. S. Hoe—Pocket Cutlery.



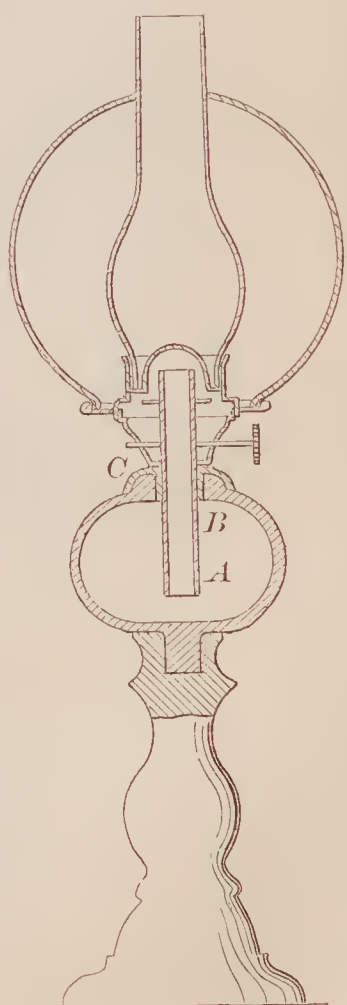
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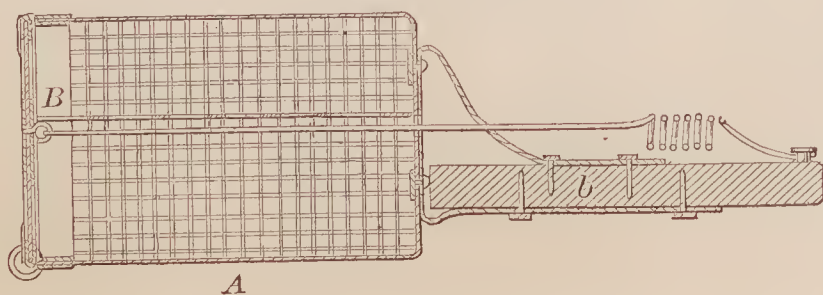
70722—S. P. Johnson—Invalid Bedstead.

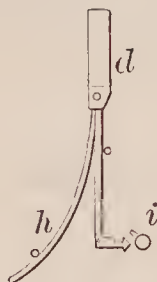
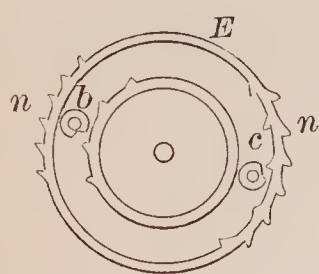
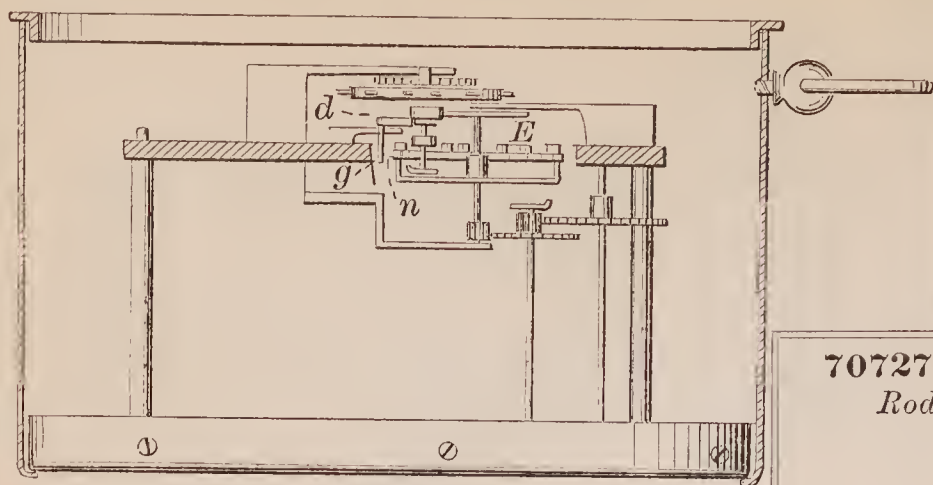
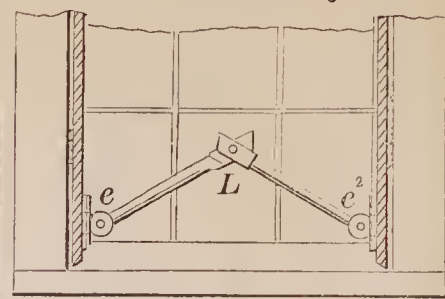
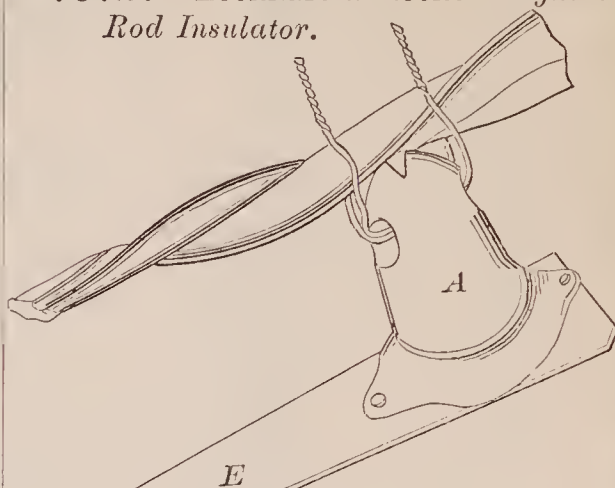
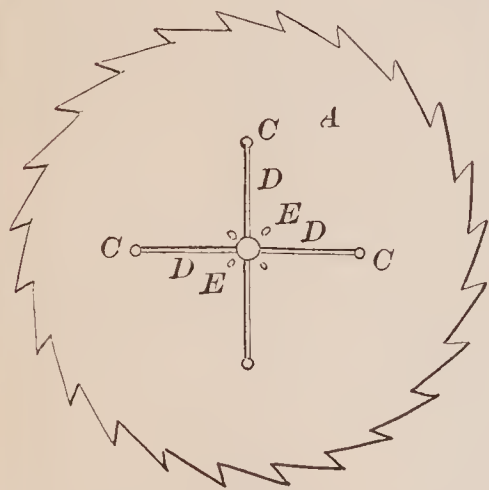
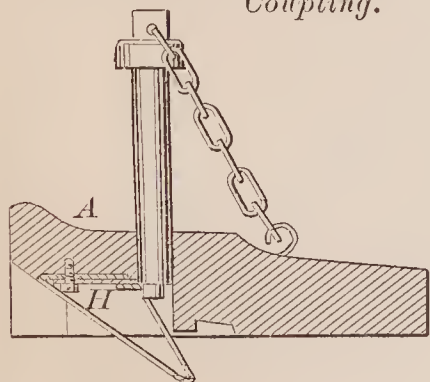
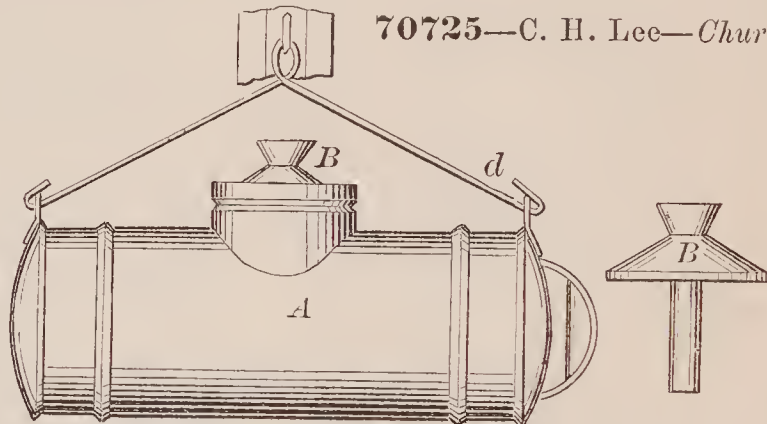
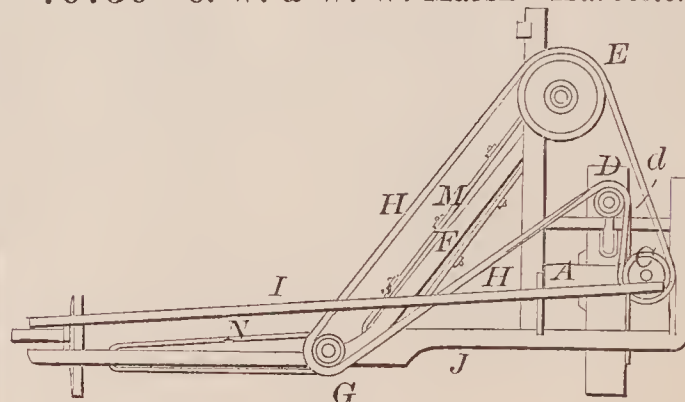
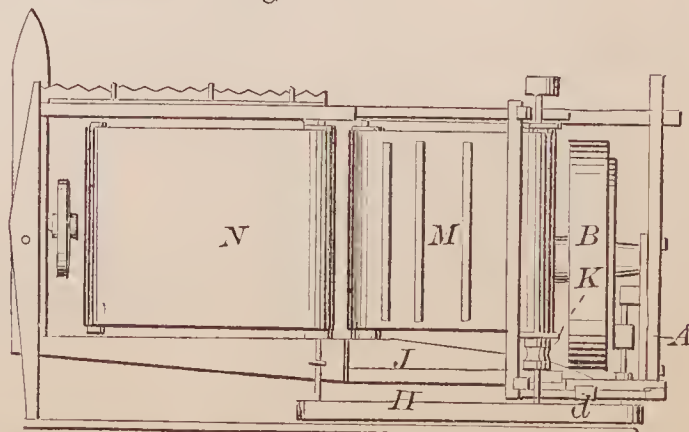
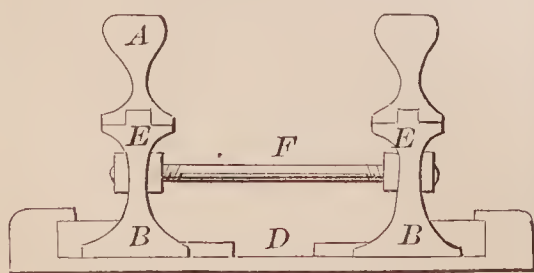


70721—E. Howard—Preventing Explosion of Lamps.

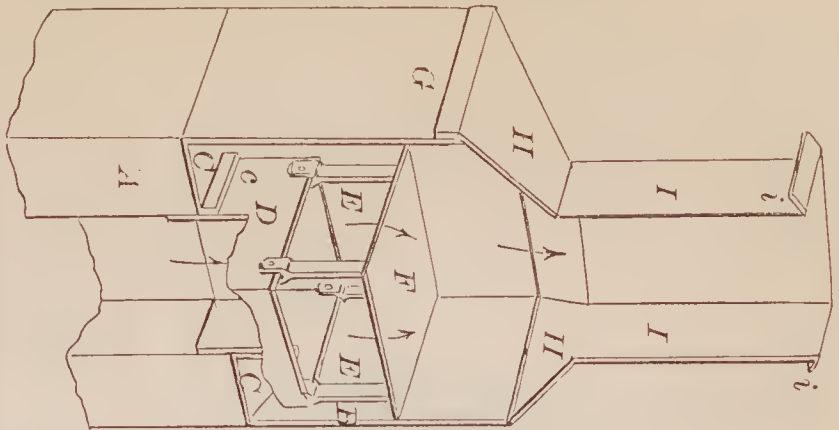


70723—E. G. Kinsley—Corn Popper.

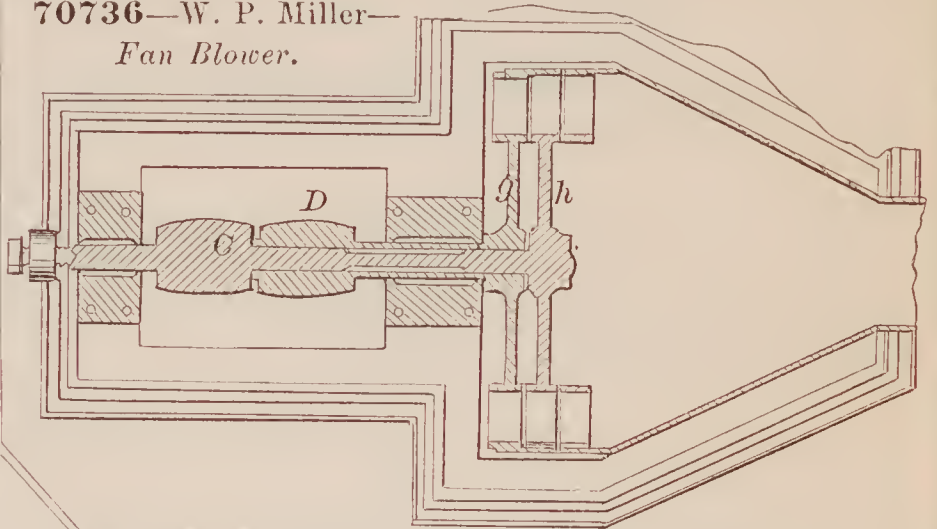


70724—W. H. Lamb—*Watch Escapement.*70726—G. Lightfoot—*Blind Fastening.*70727—Lockhart & Locke—*Lightning Rod Insulator.*70728—J. K. Lockwood—*Saw.*70729—S. L. Loomis—*Car Coupling.*70725—C. H. Lee—*Churn.*70730—C. W. & W. W. Marsh—*Harvester.*70731—H. McCan—*Railroad Track.*

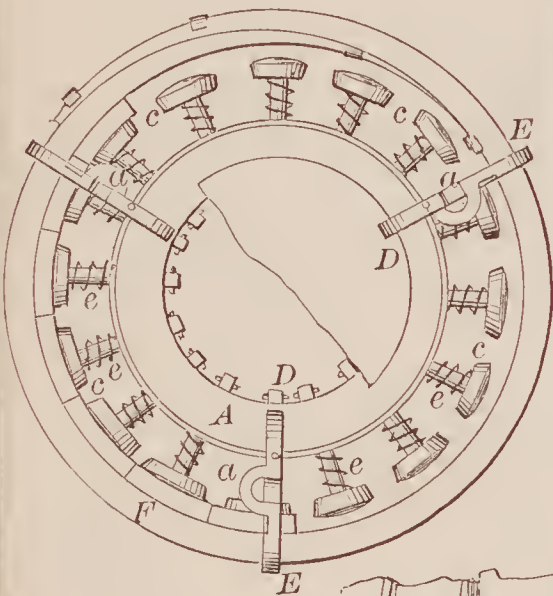
70734—C. G. Miller—*Chimney Cap.*



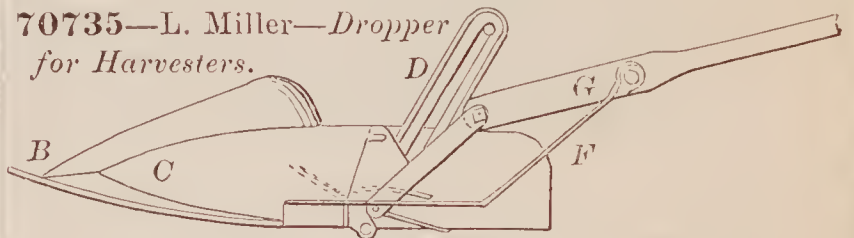
70736—W. P. Miller—
Fan Blower.



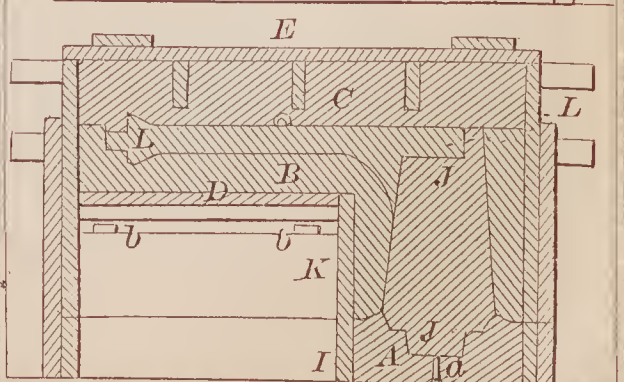
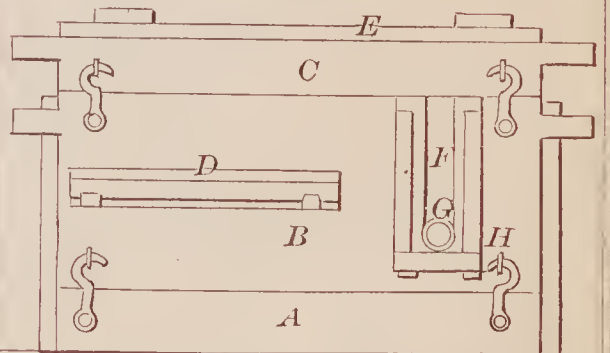
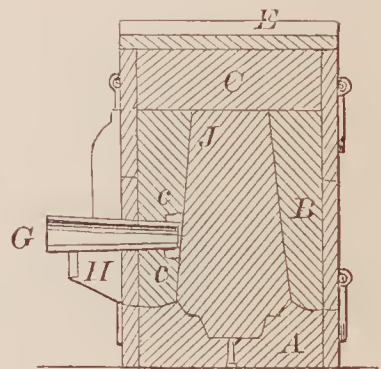
70738—J. A. Morrell—*For
Setting up Staves in Barrels.*



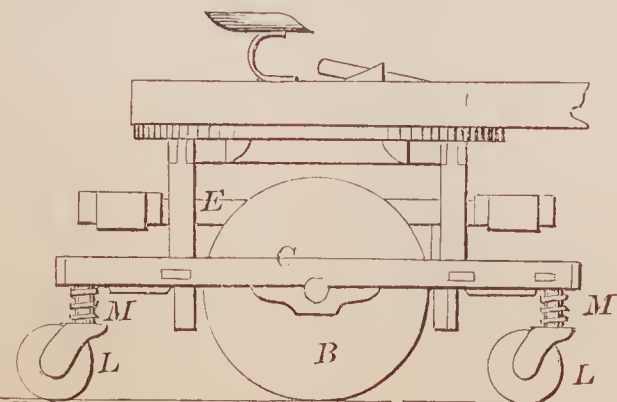
70735—L. Miller—*Dropper*
for Harvesters. D



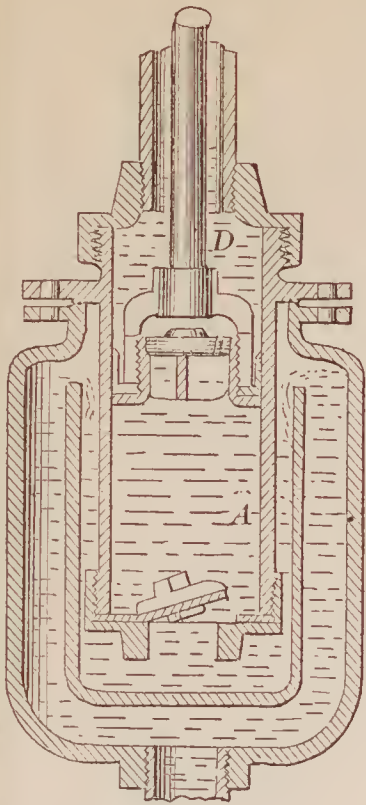
70740—B. C. Painter—
Flask for Casting Tugeres.



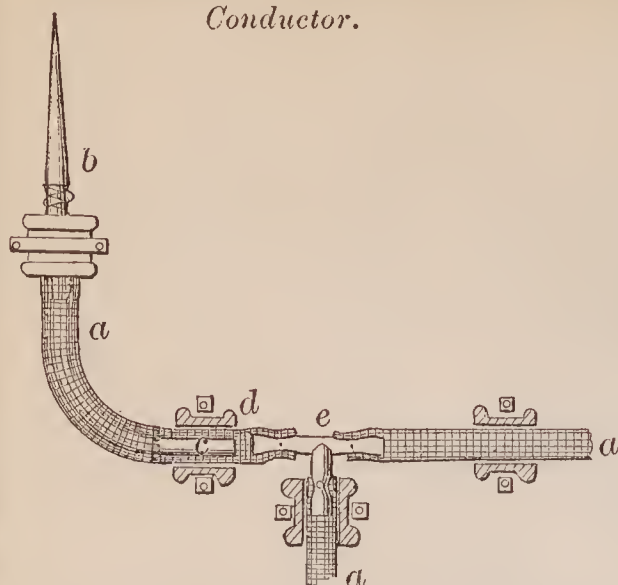
70739—E. F. Olds—*Land Roller.*



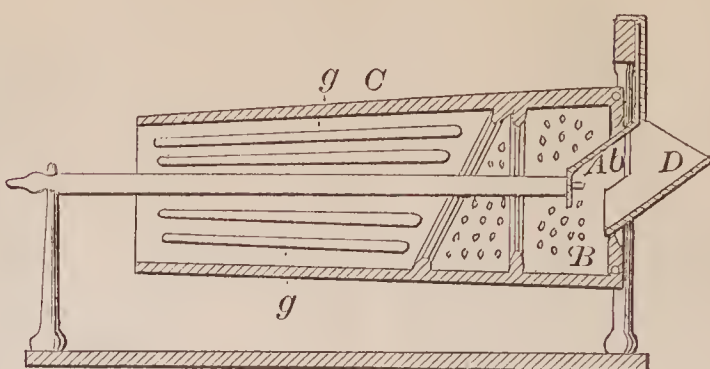
70733—J. H. & T. J. McGowan—Pump.



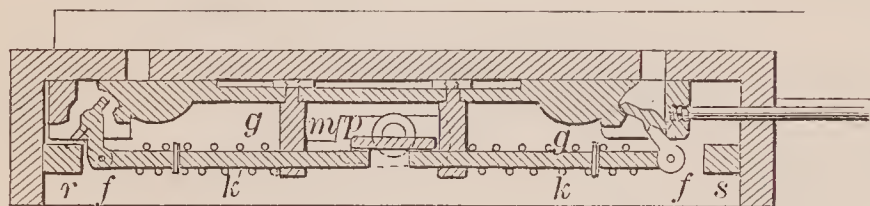
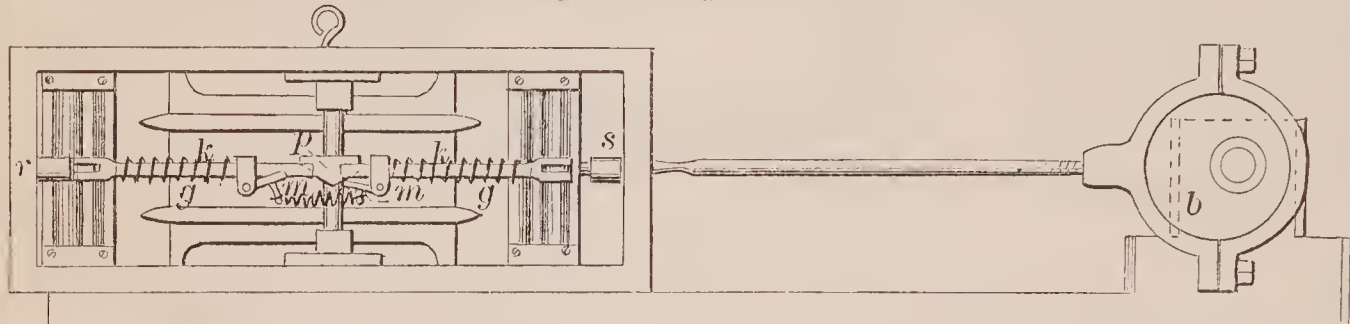
70741—W. G. Pike—*Lightning Conductor.*



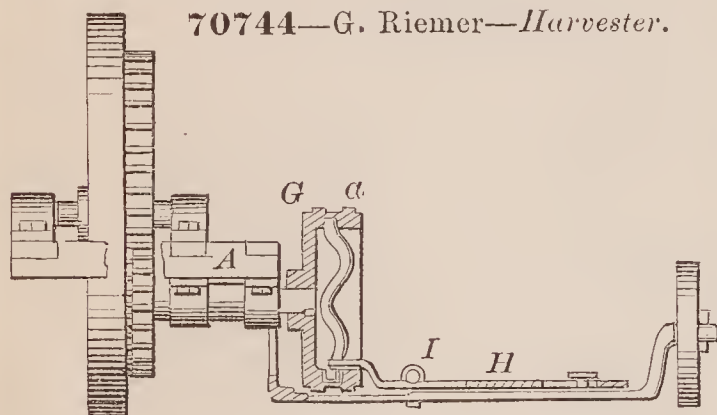
70742—L. B. Pitcher—*Mixing and Drying Cylinder.*



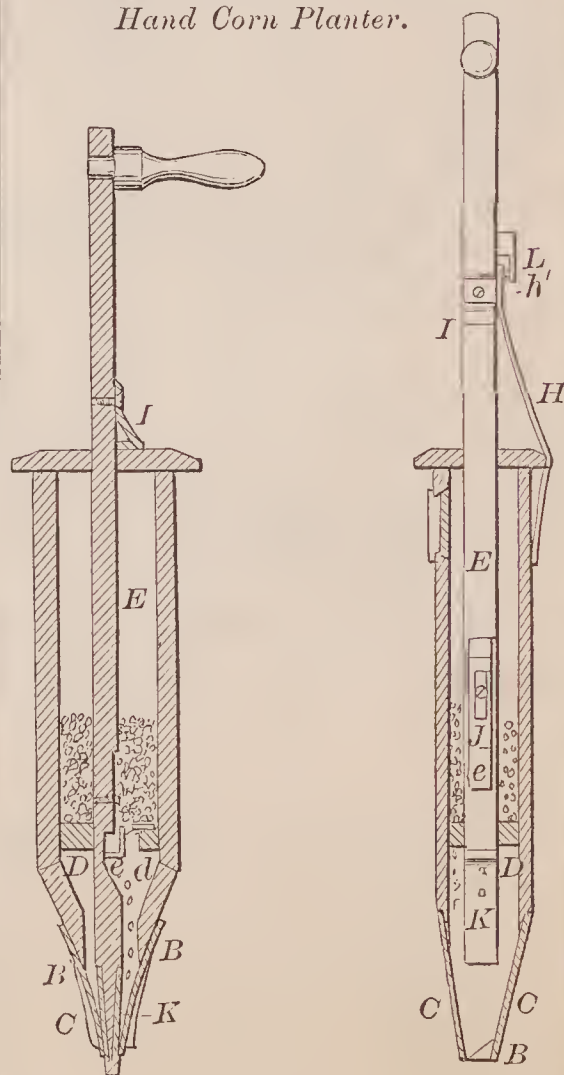
70743—G. W. Rawson—*Steam Engine Cut-off.*



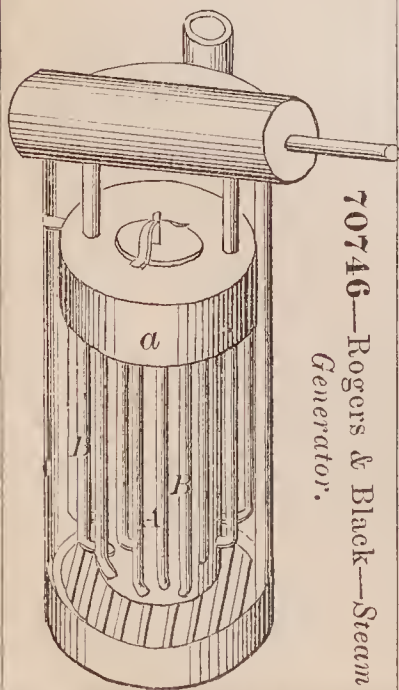
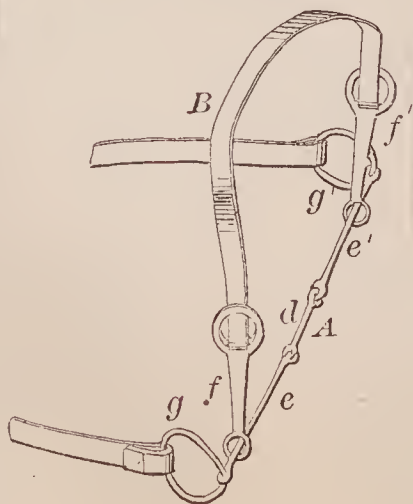
70744—G. Riemer—*Harvester.*



70747—Russell & Burdick—*Hand Corn Planter.*

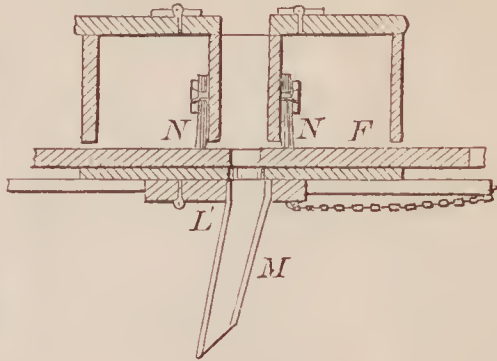
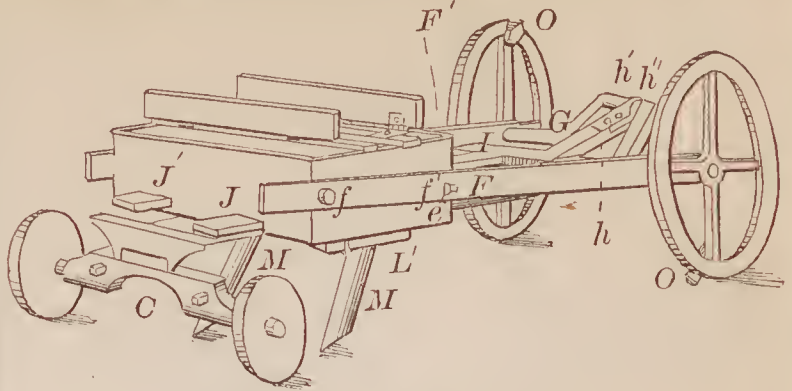


70745—A. H. Rockwell—*Bridle Bit.*



70746—Rogers & Black—*Steam Generator.*

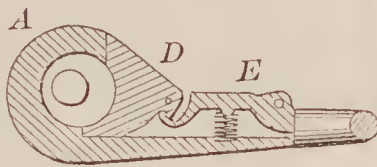
70753—W. H. Shepherd—*Corn Planter.*



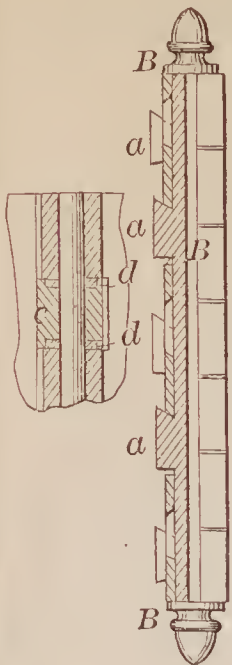
70752—T. Shaw—*Cog Chain.*



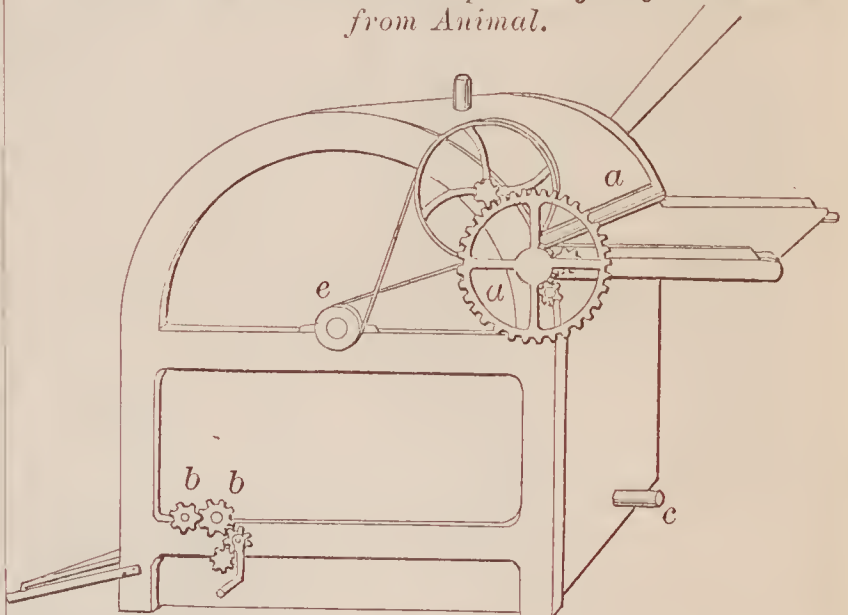
70750—J. B. Sargent—*Snap Hook.*



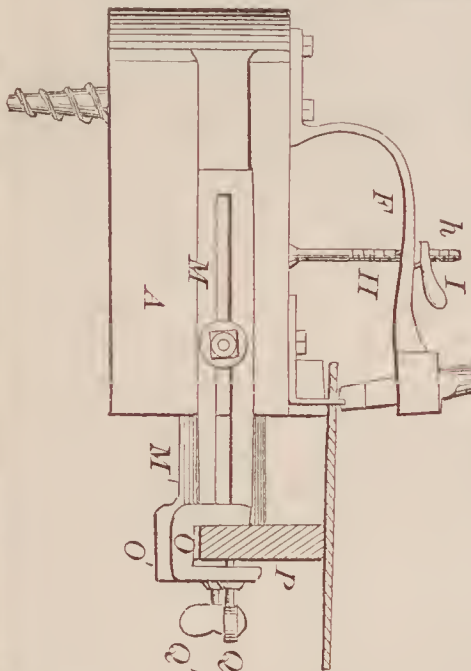
70748—D. C. Sage—*Butt Hinge.*



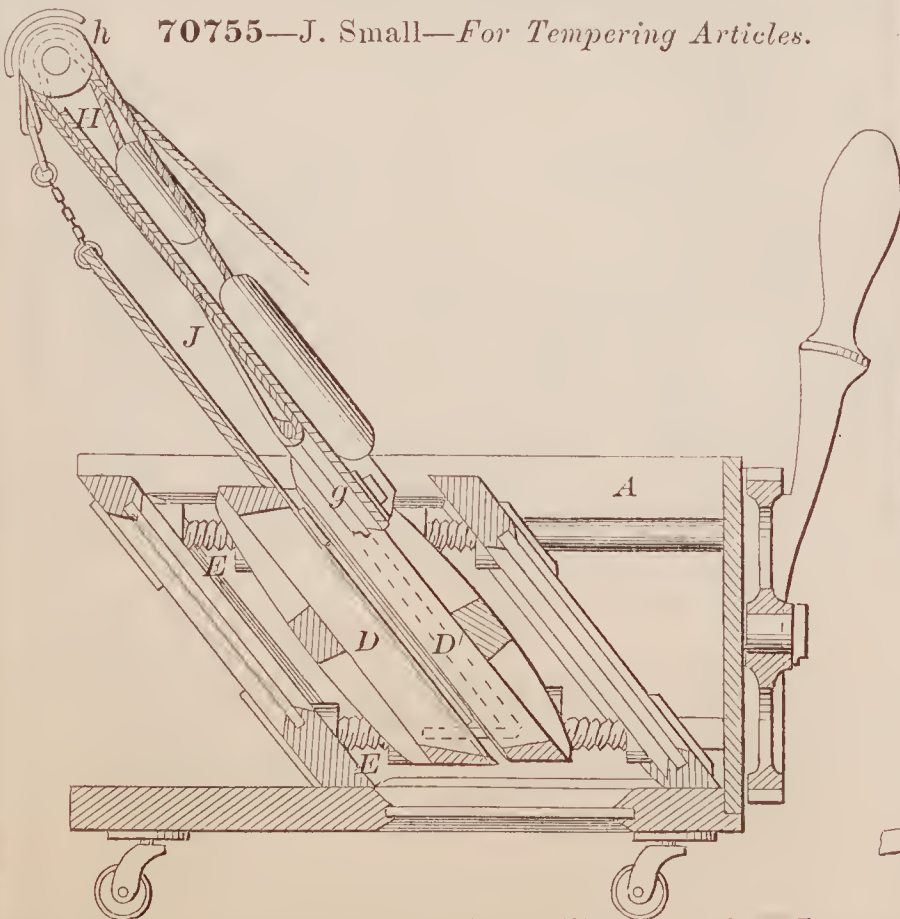
70754—H. Sherwood—*Separating Vegetable Matter from Animal.*



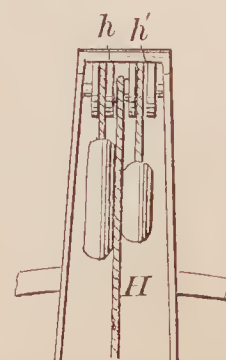
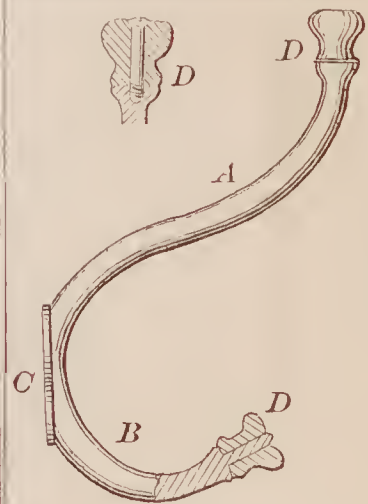
70751—A. M. Shafer—*Saw Set.*



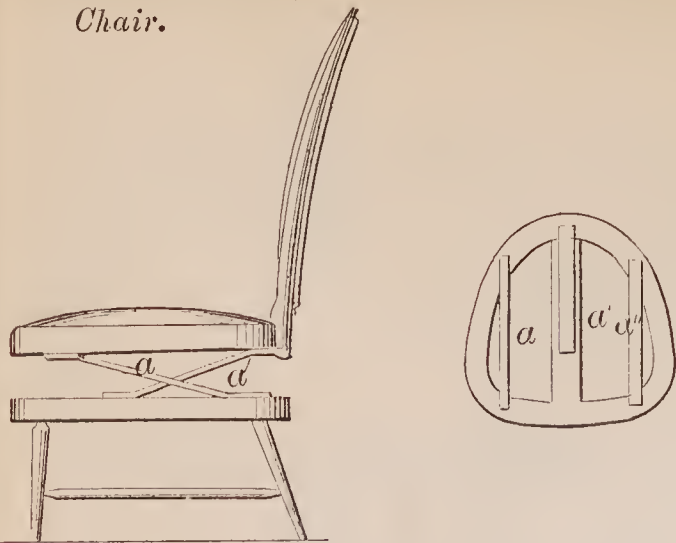
70755—J. Small—*For Tempering Articles.*



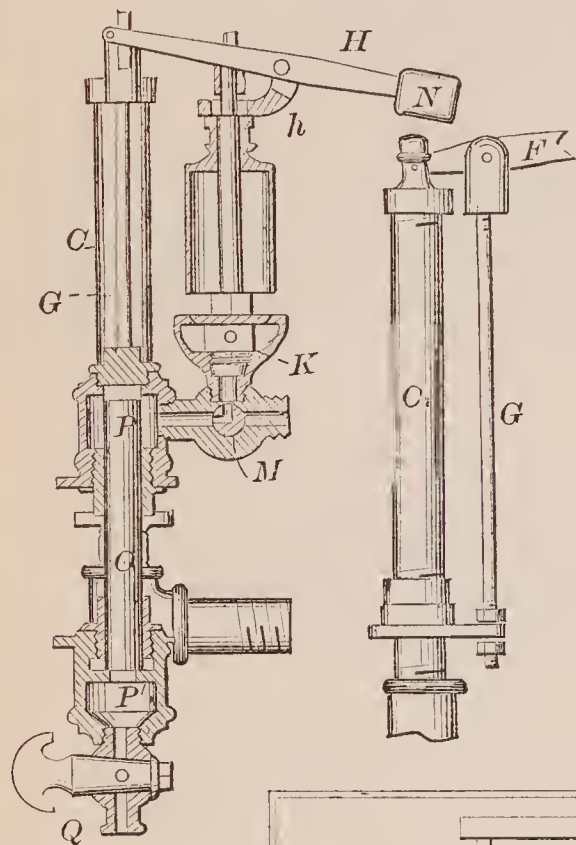
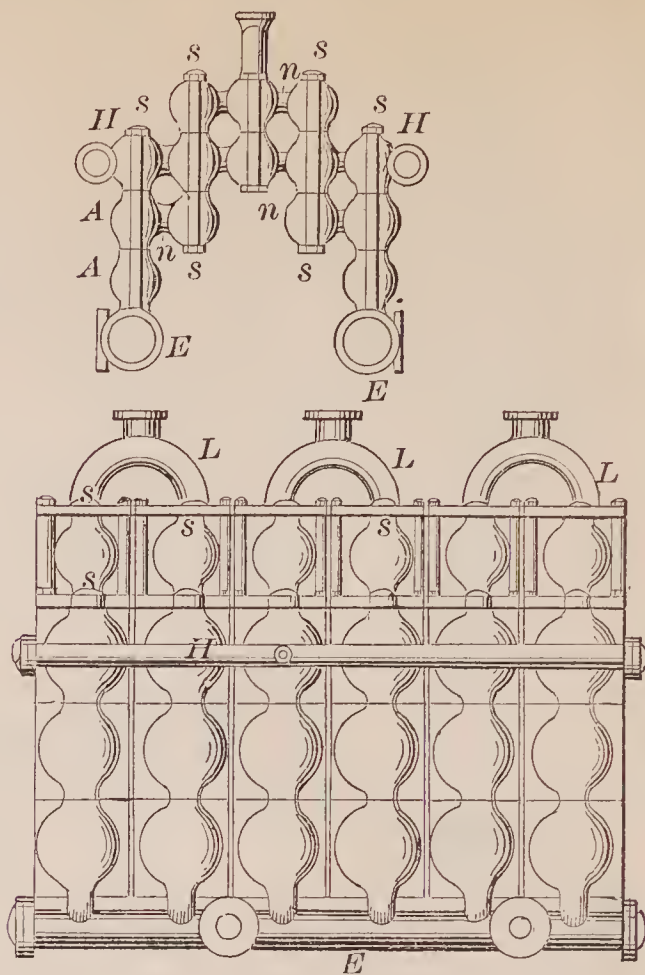
70749—J. B. Sargent—*Coat and Hat Hook.*



70756—E. Smith, Jr.—*Spring Rocking Chair.*

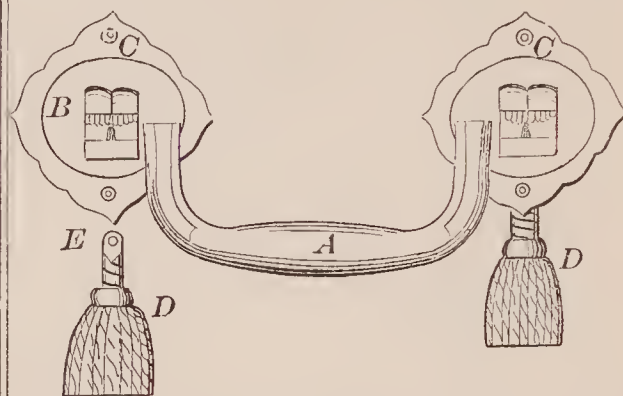


70757—Smith & Walter—*Steam Generator.*

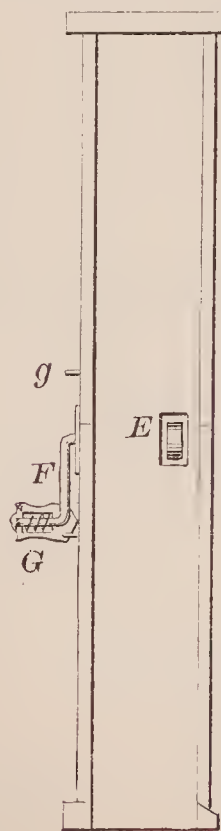


70758—L. F. Smith—*Low Water Indicator.*

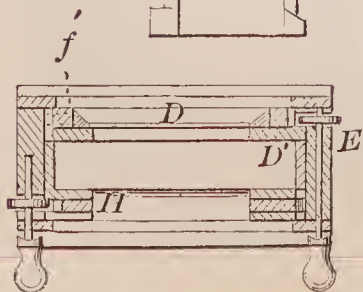
70759—W. M. Smith—*Casket Handle.*



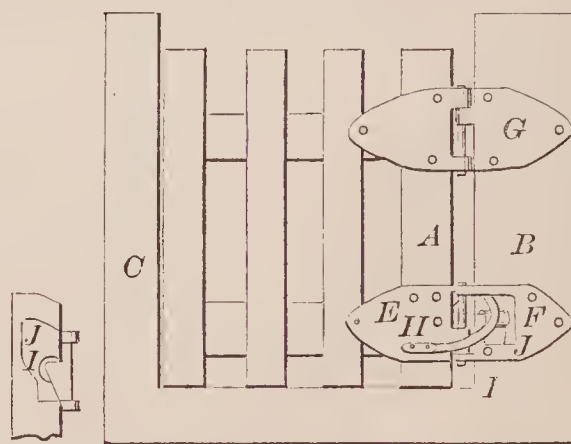
70764—J. Wagner—*Well Tube.*



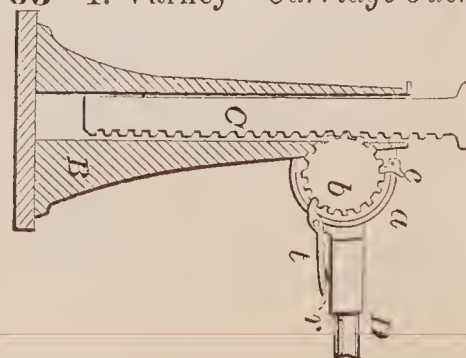
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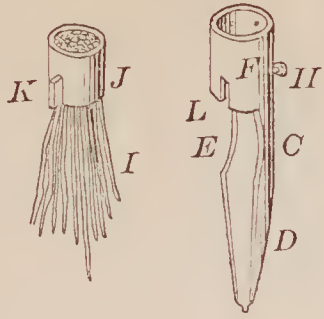
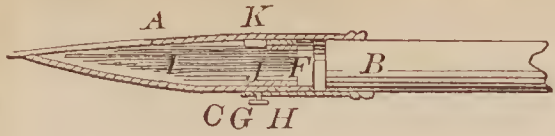
70762—G. L. Templeton—*Gate.*



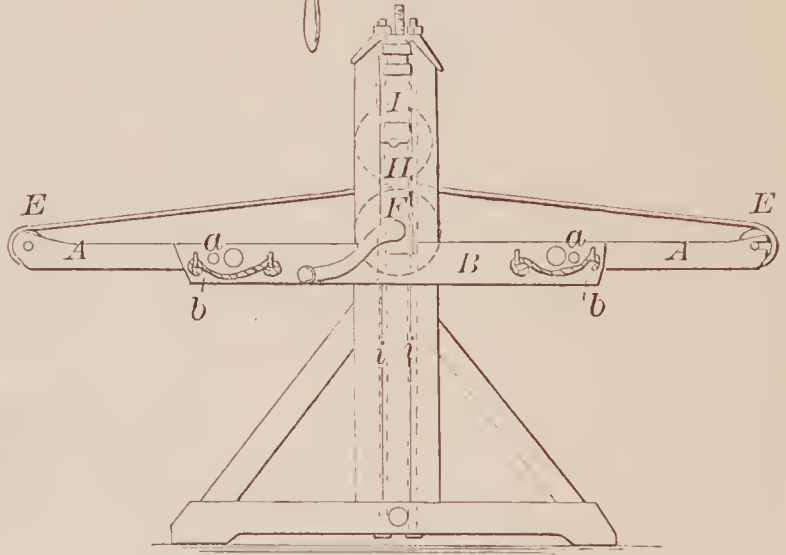
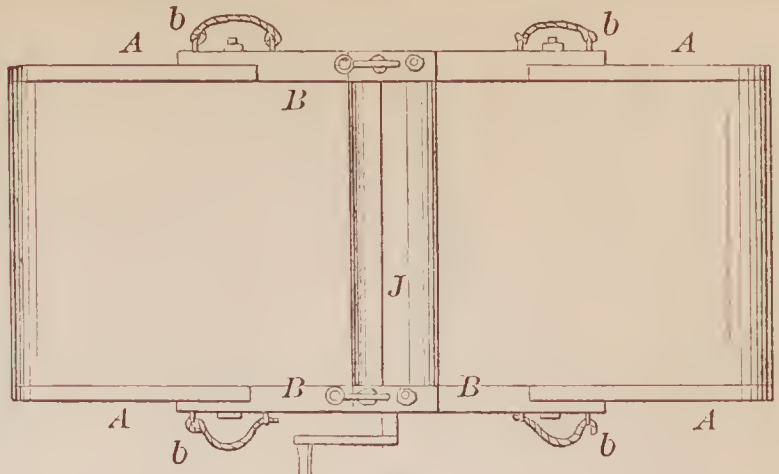
70763—I. Varney—*Carriage Jack.*



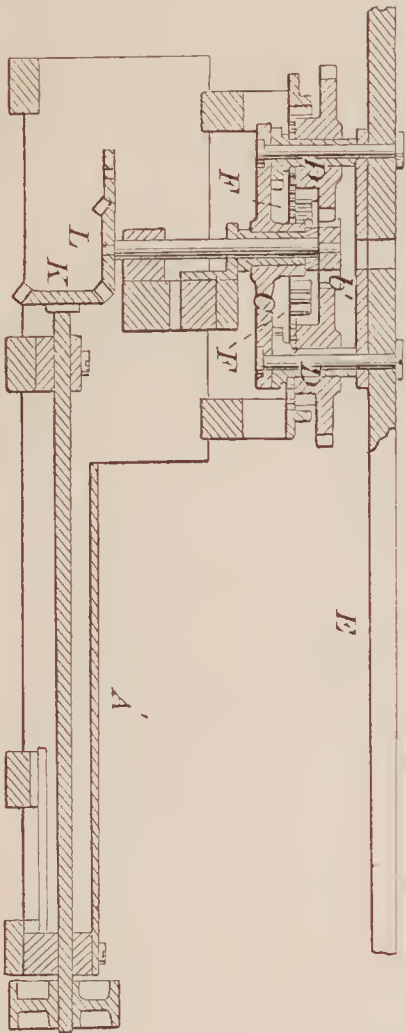
70765—M. Wagner—*Fountain Pen.*



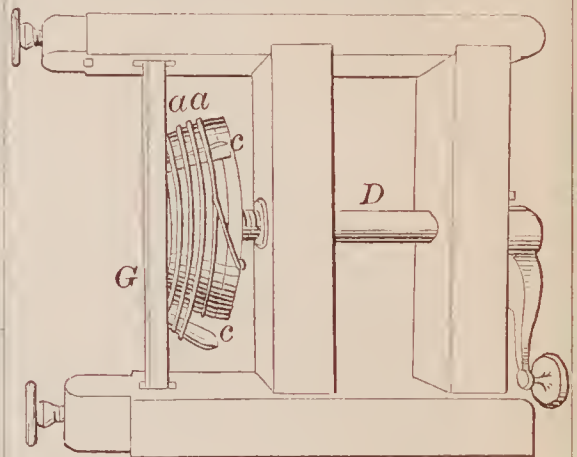
70766—H. Wehdeking—*Mangle.*



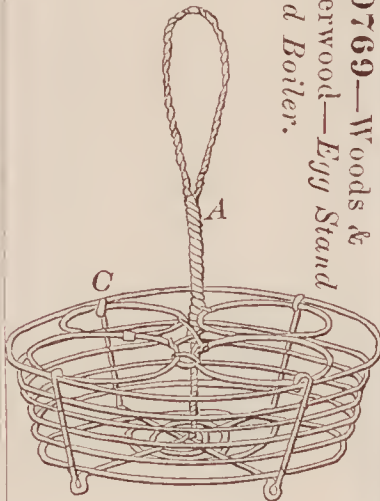
70768—W. H. Wiley—*Horse Power.*



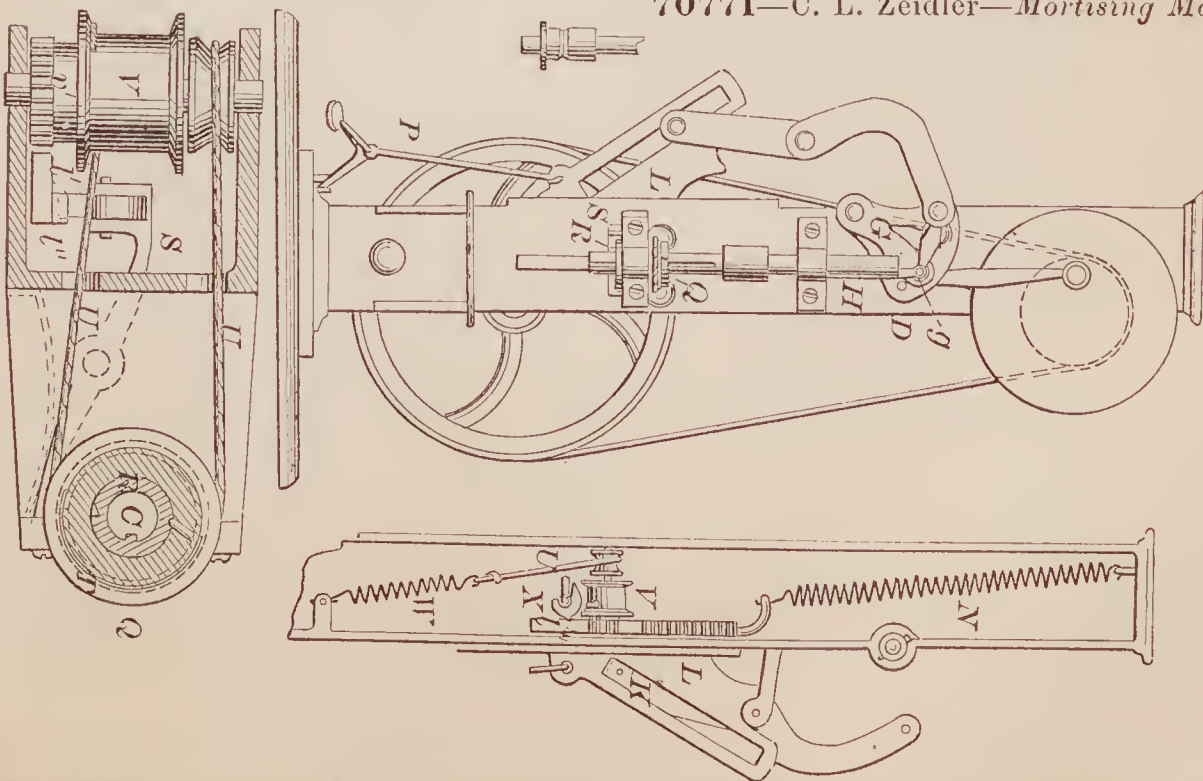
70770—Woods & Sherwood—*For Making Wire Dish Stands, &c.*

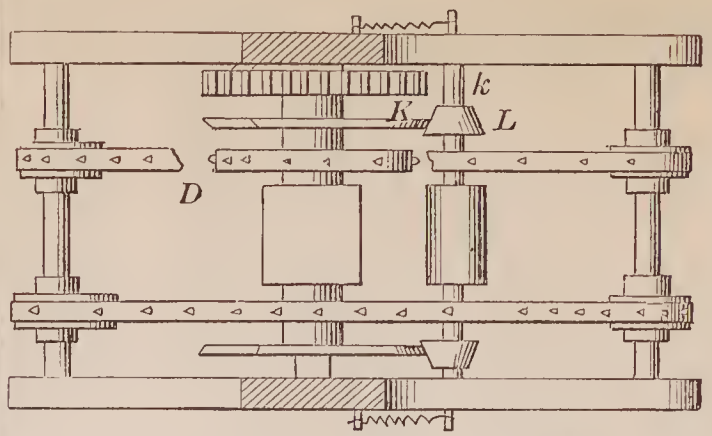
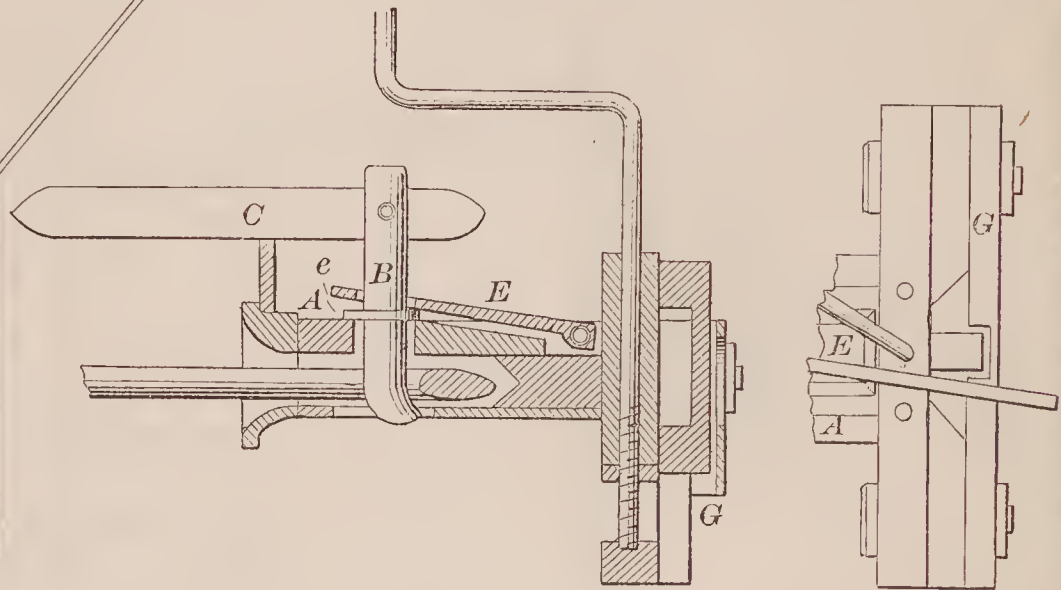
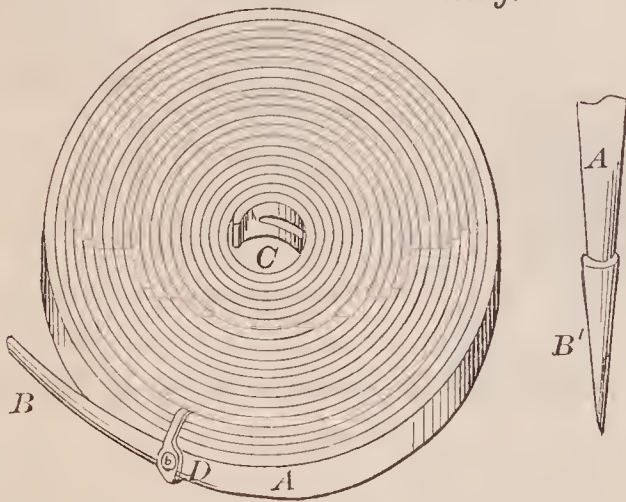
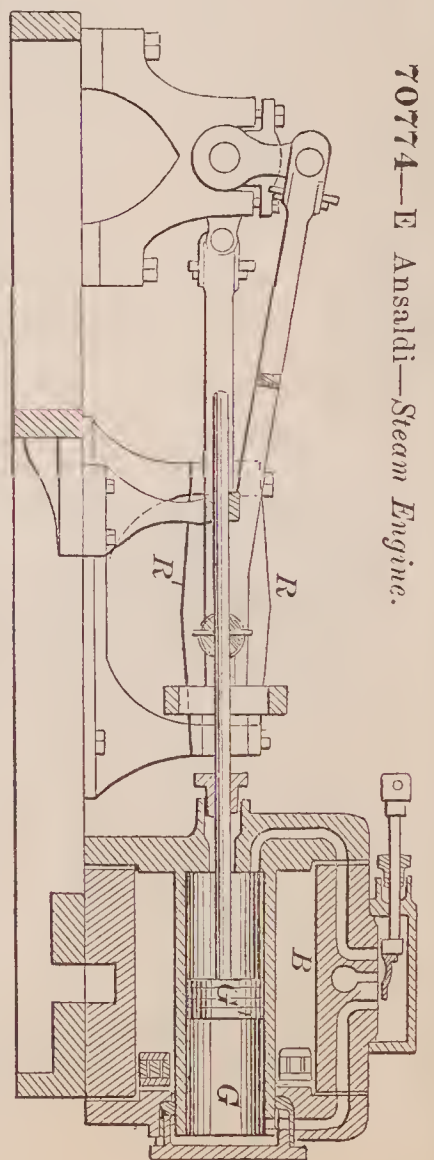
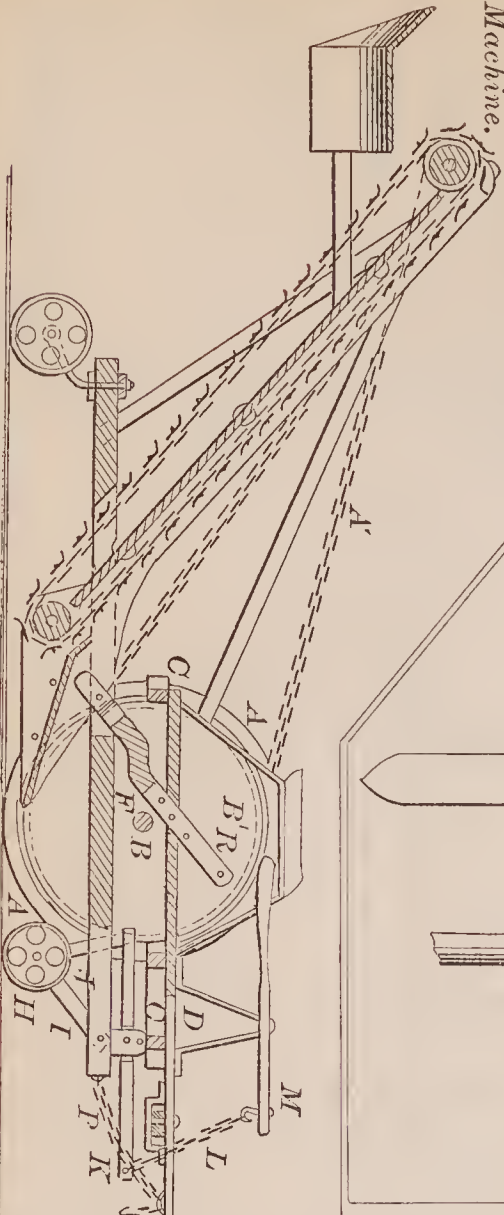


70769—Woods & Sherwood—*Egg Stand and Boiler.*

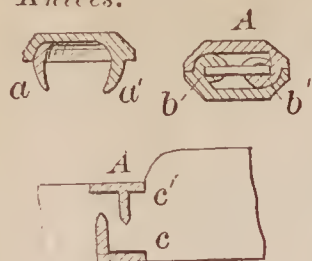


70771—C. L. Zeidler—*Mortising Machine.*

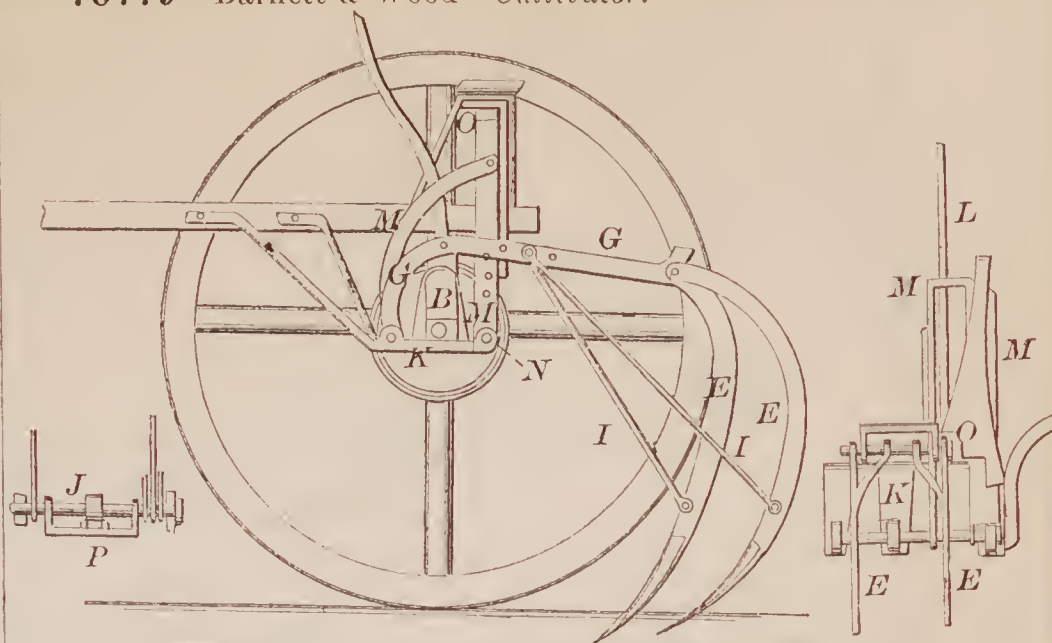


70773—E. Allen—*Printing Press.*70776—P. Baker—*Car Coupling.*70775—H. C. Babcock—*Belt Lacing.*70774—E. Ansaldo—*Steam Engine.*70777—J. S. Baldwin—*Elevator.*70772—L. V. Adair—*Ditching Machine.*

70778—II. Barber—
*Attaching Bolsters to
Knives.*



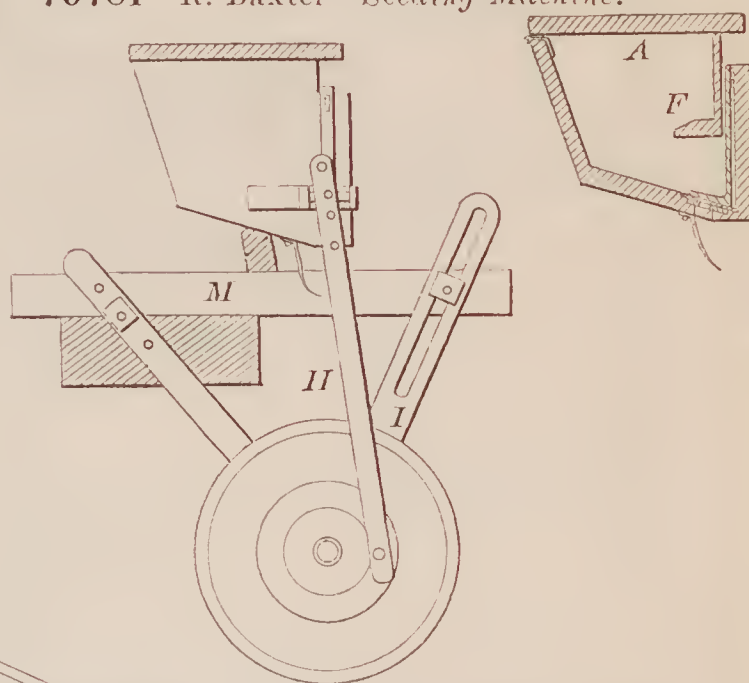
70779—Barnett & Wood—*Cultivator*.



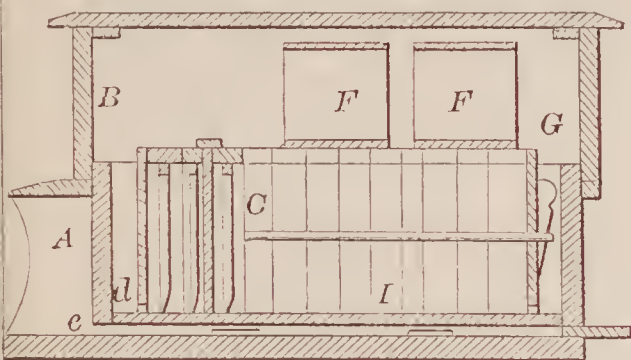
70780—Baumgartner &
Angster—*Ham-Slicing
Holder.*



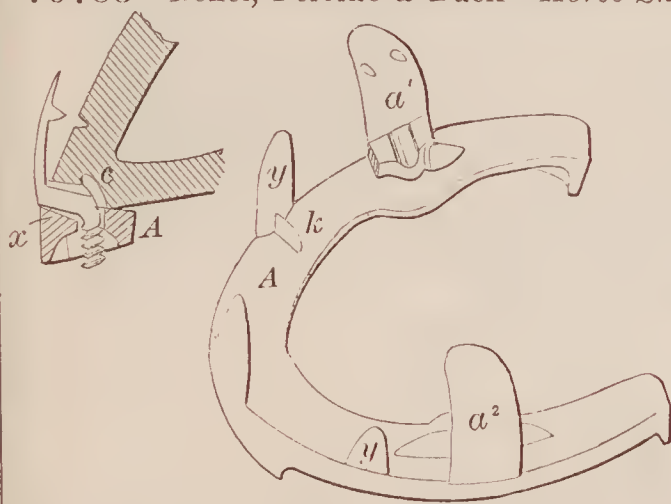
70781—R. Baxter—*Seeding Machine.*



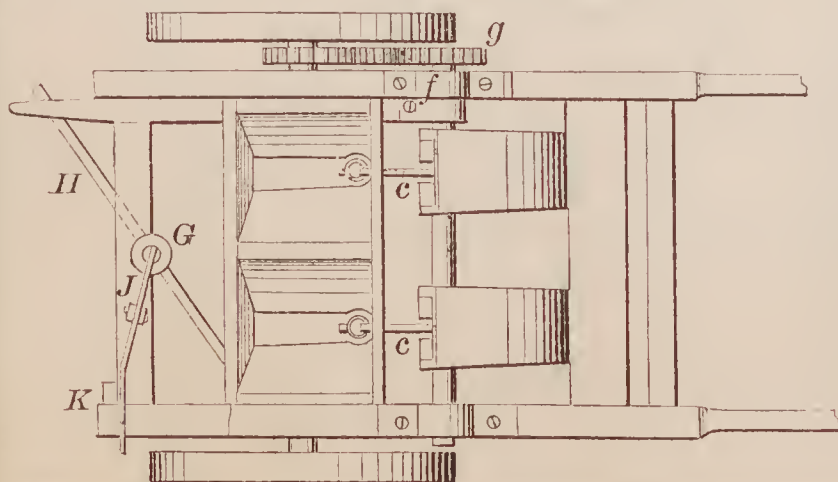
70782—J. M. Beebe—*Beehive*.



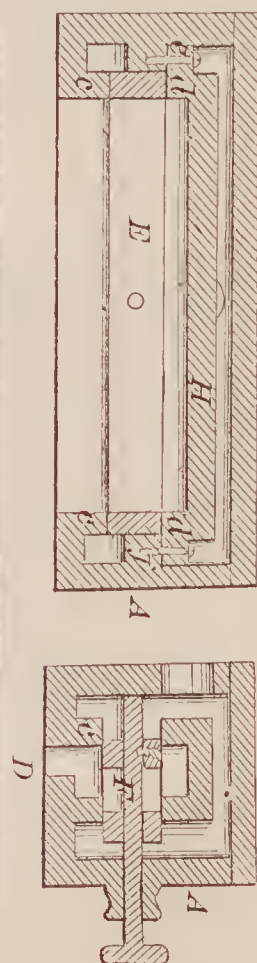
70783—Behel, Perrine & Buell—*Horse Shoe.*



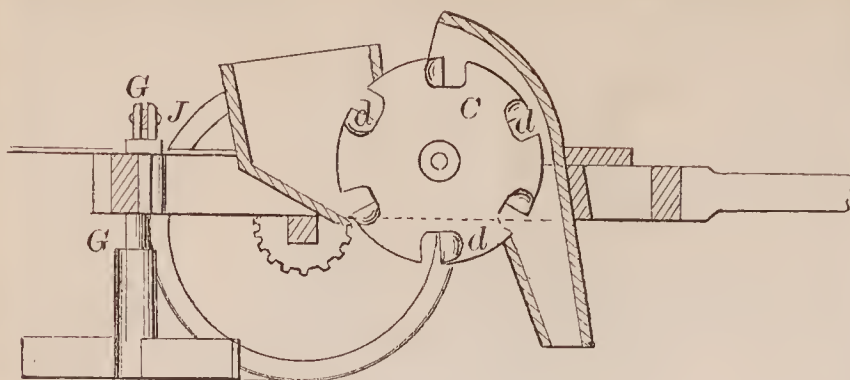
70786—Bendix & Dietsch—*Potato Planter*

70785—A. C. Belt—*Cultivator*.

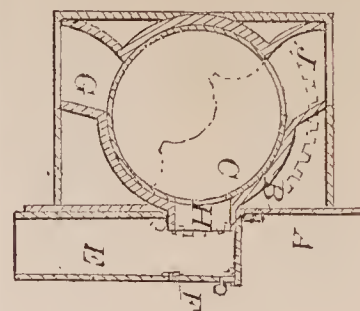
70784—E. H. Bellows—*Steam Engine Slide Valve.*



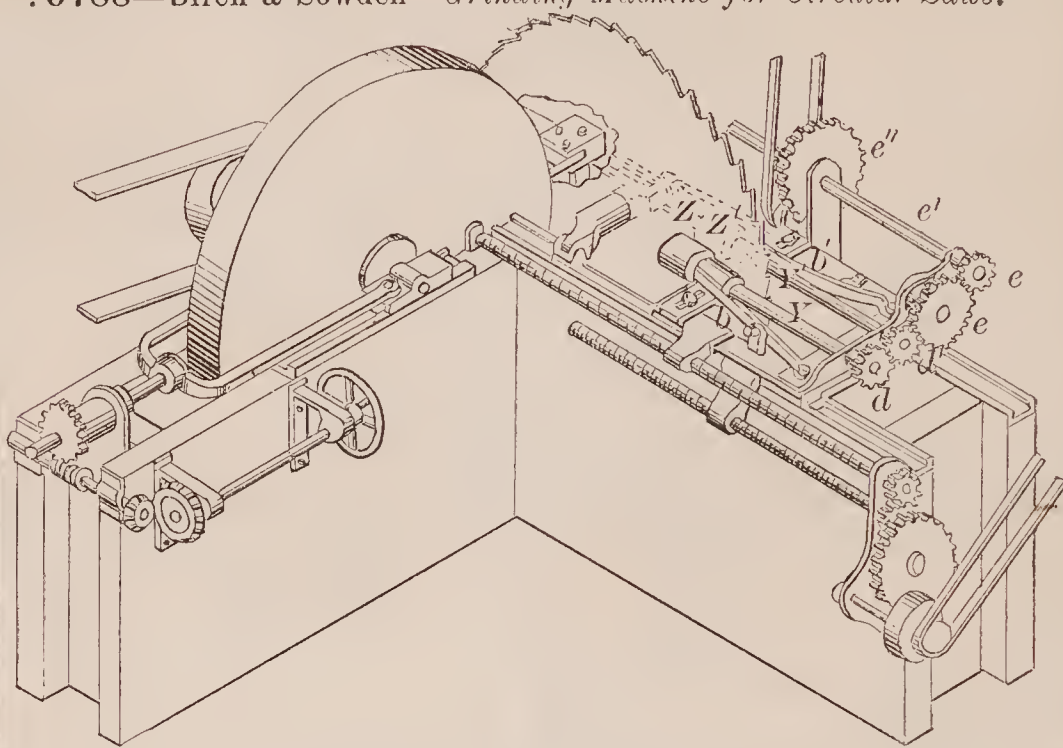
70786—Continued.



70792—R. Boyd—House Ventilator.



70788—Birch & Sowden—Grinding Machine for Circular Saws.



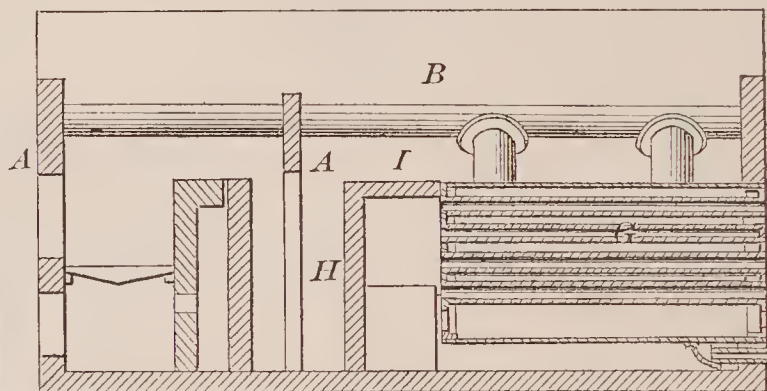
70787—J. S. Birch—Adjustable Watch Key.



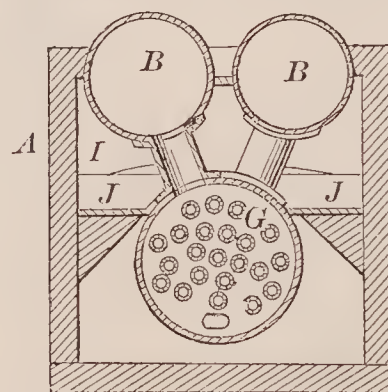
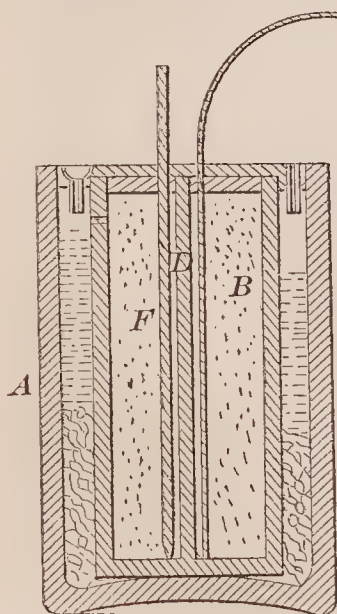
70789—C. Bird—Barrel Cover.



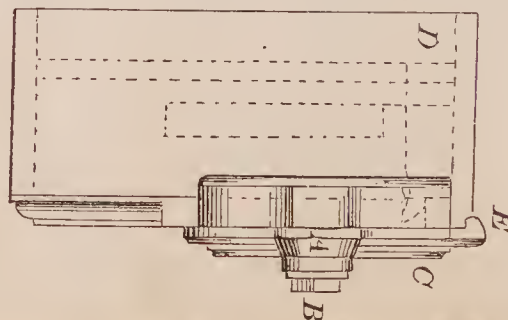
70790—C. T. Boardman—Setting Steam Boilers.



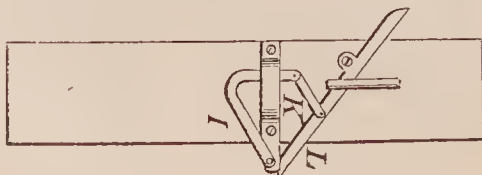
70791—C. Boulay—Galvanic Battery.



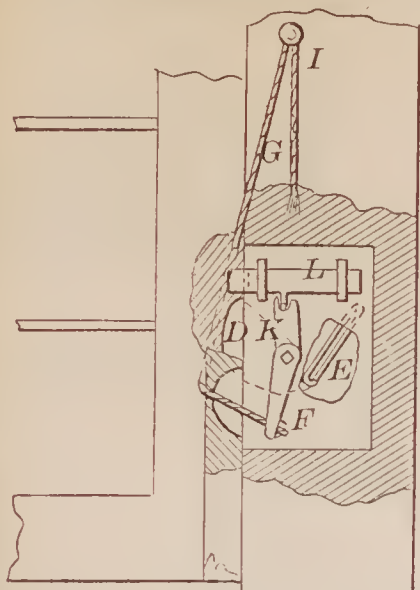
70793—C. B. Boynton—Railway Axle Box.



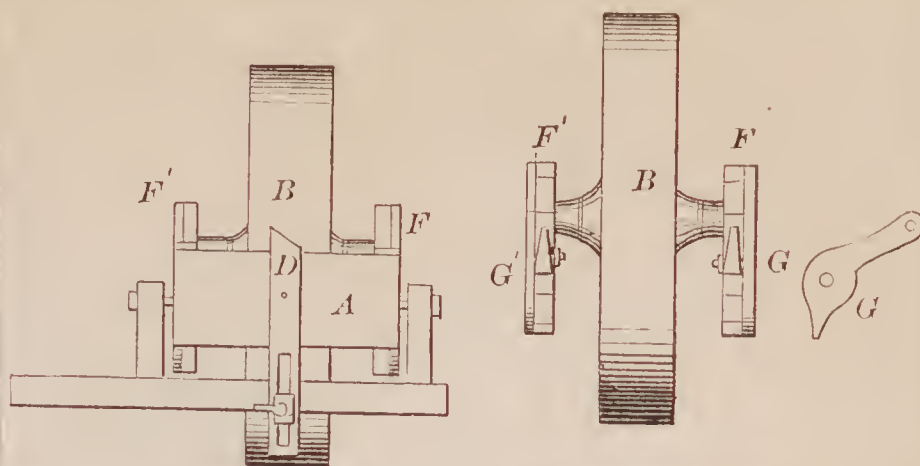
70794—M. J. Briar—Gate Latch.



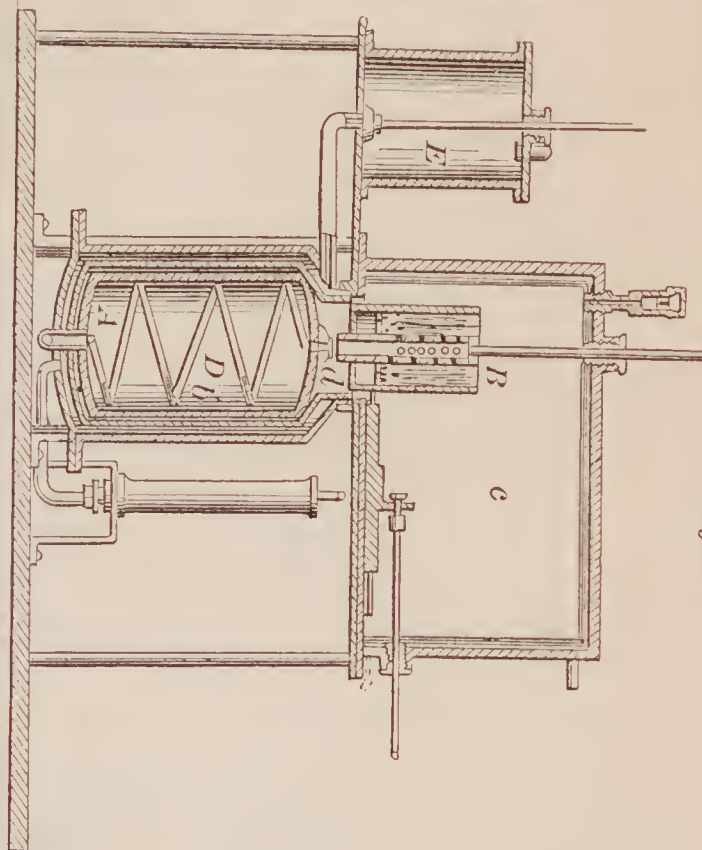
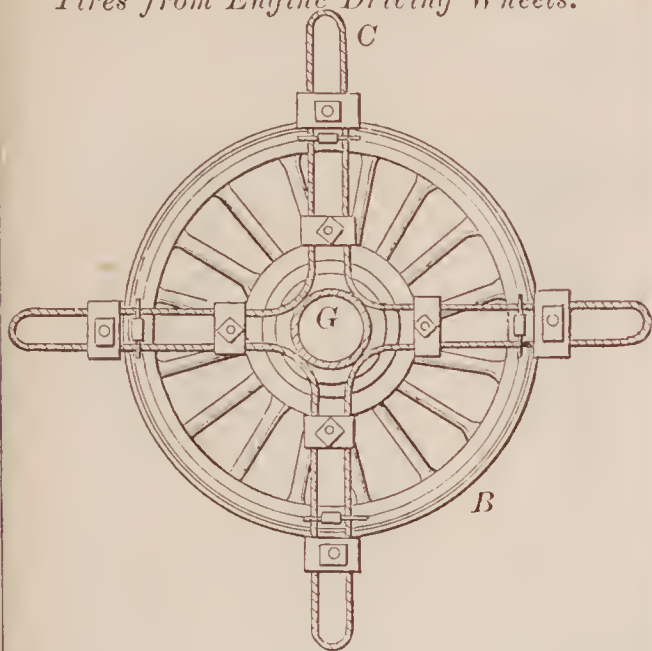
70795—G. Brosius—*Sash Fastener.*



70798—J. Burke—*Harvester.*

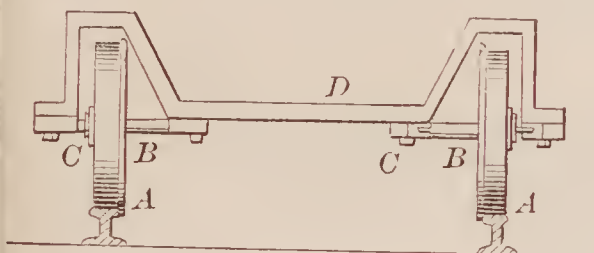


70796—W. H. Bryant—*For Drawing Tires from Engine Driving Wheels.*

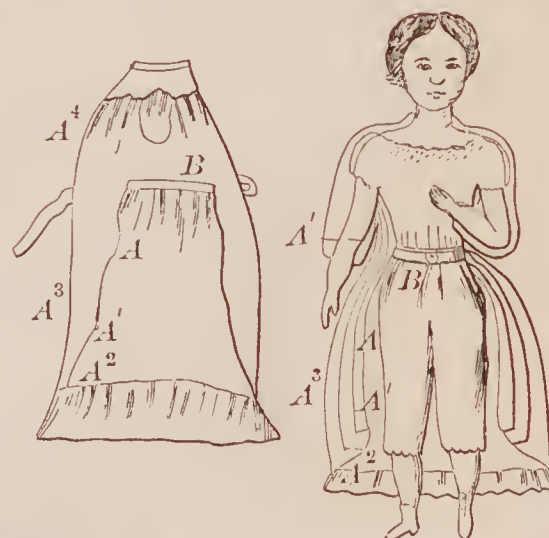


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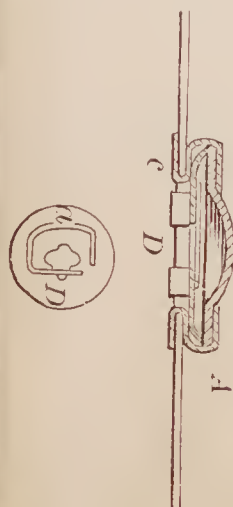
70799—S. S. Burt—*Car Axle.*



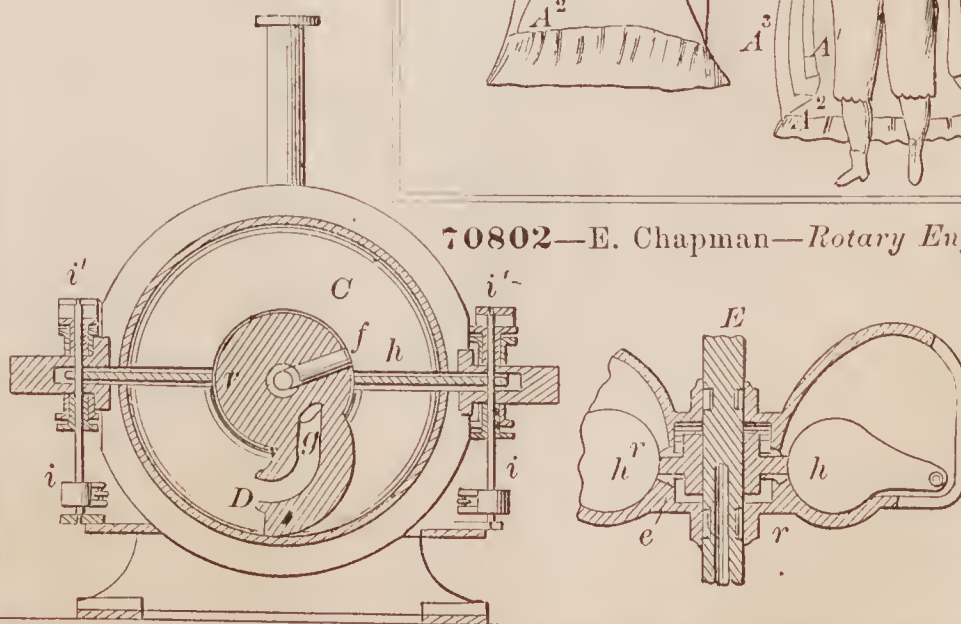
70801—M. M. Cashman—*Infant's Robe.*

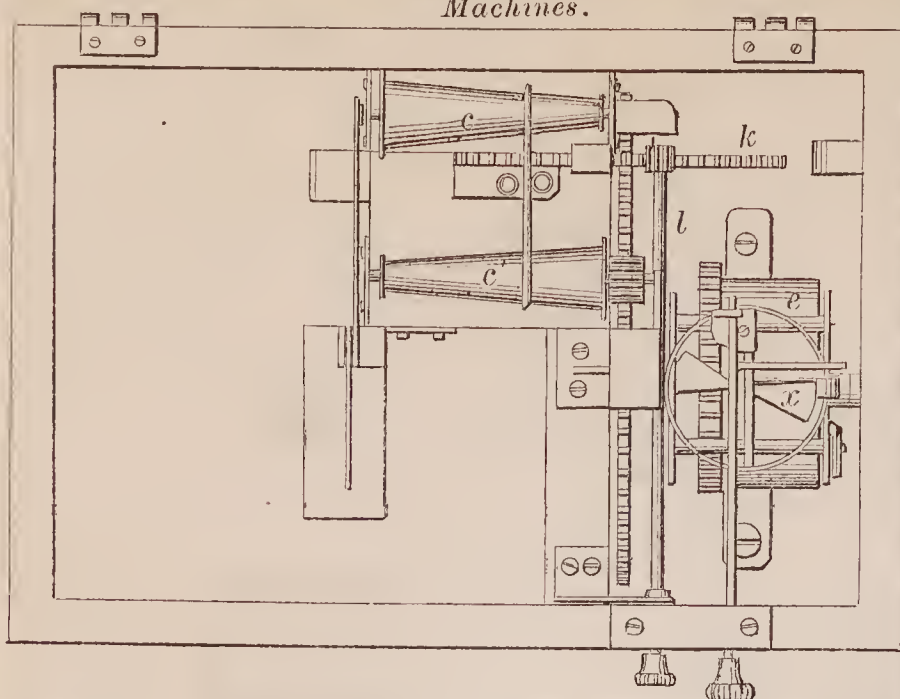
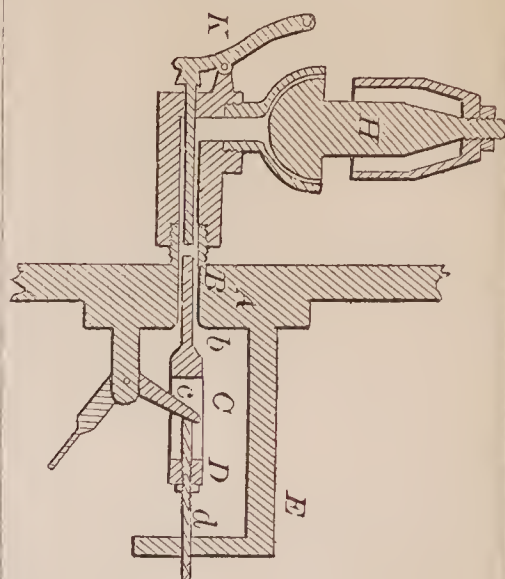
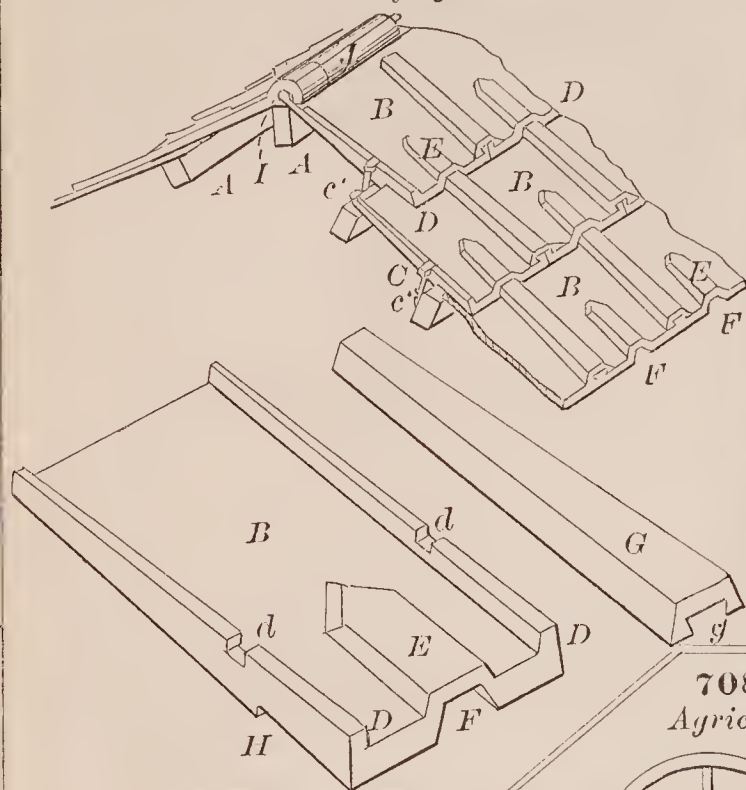
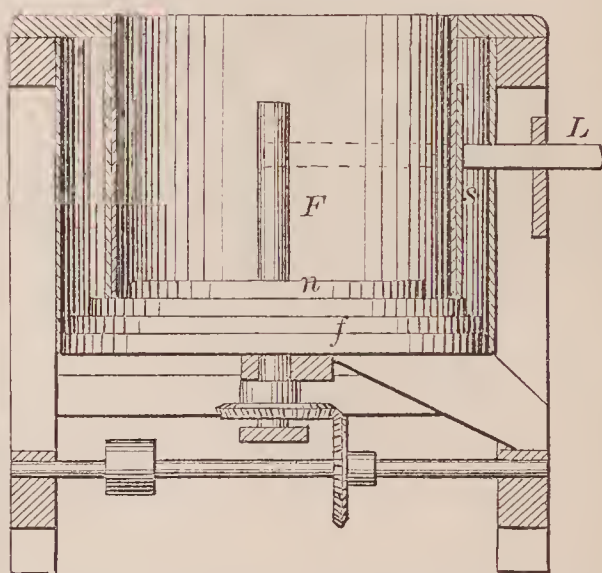
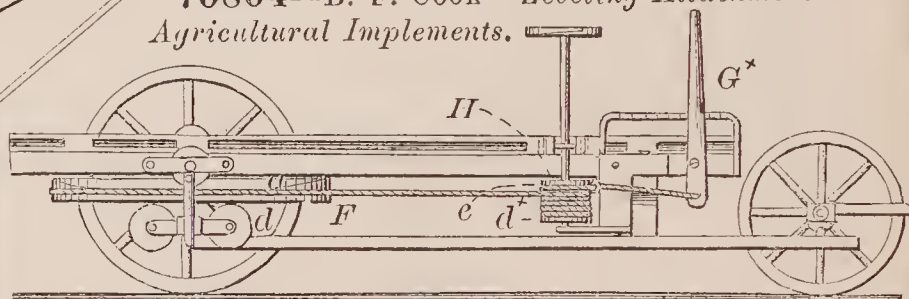
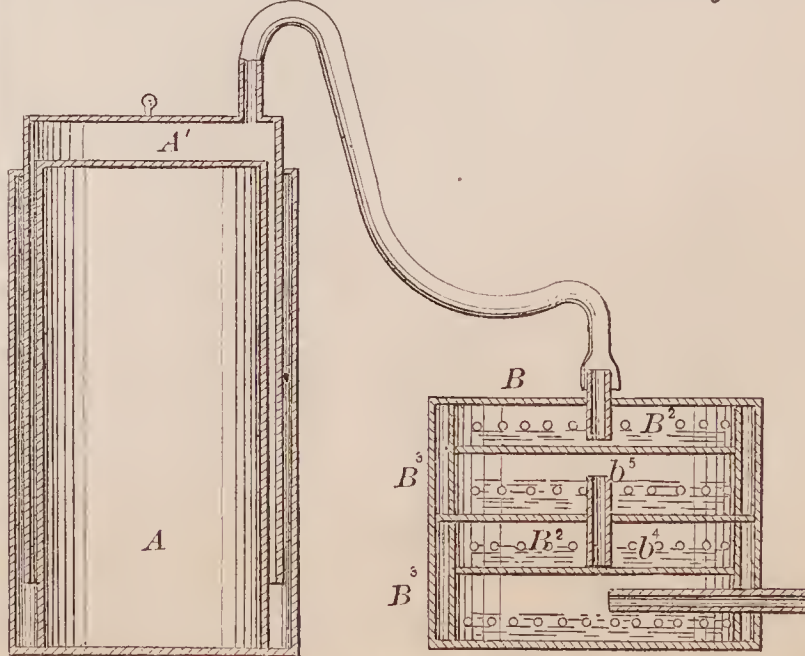
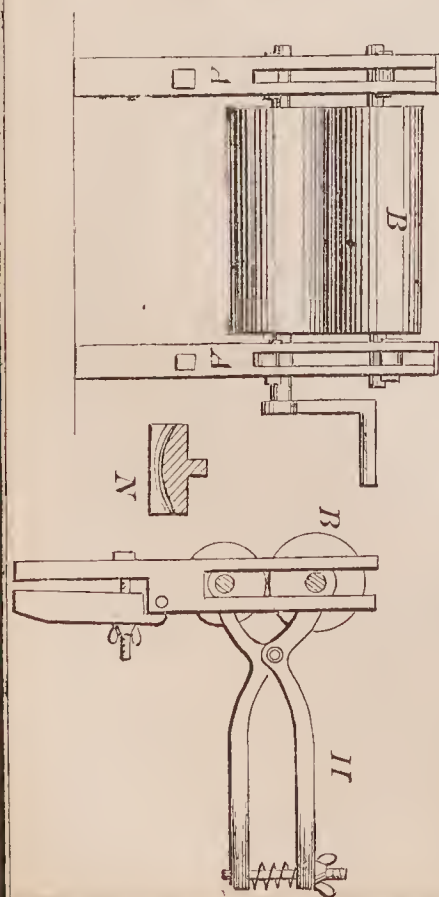


70797—S. A. Budd—*Carriage Top Button Hole.*

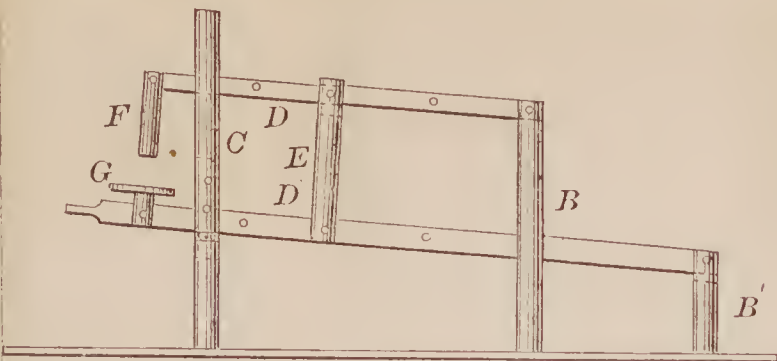


70802—E. Chapman—*Rotary Engine.*

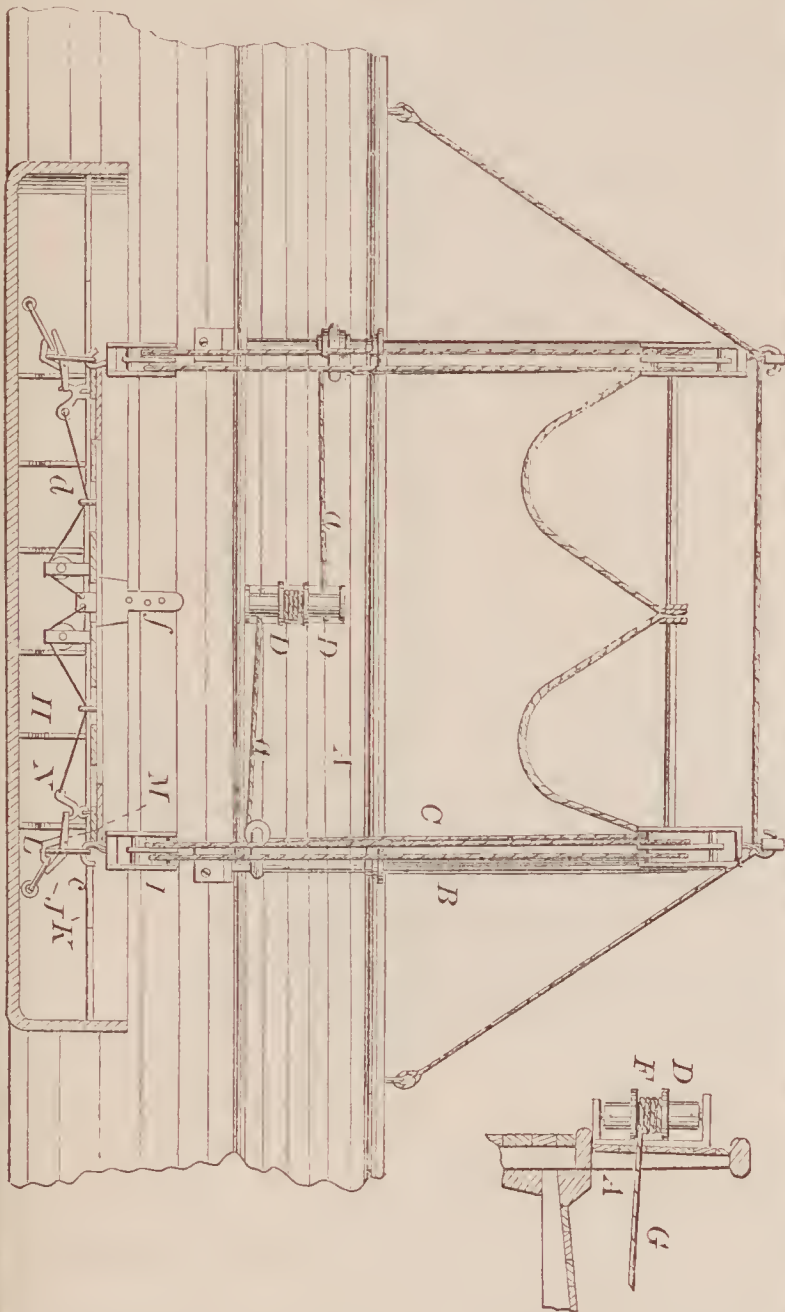


70803—Chapman, Goodspeed & Reed—*Motor for Sewing Machines.*70807—C. F. Cosfeldt, Jr.—*Low Water Detector.*70805—G. Cook—*Roofing.*70806—J. Cornwell—*Silent Bolt Feeder.*70804—B. F. Cook—*Leveling Attachment to Agricultural Implements.*70809—Cozzens & Jones—*For Carburetting Air.*70808—E. H. Covel—*Clothes Wringer.*

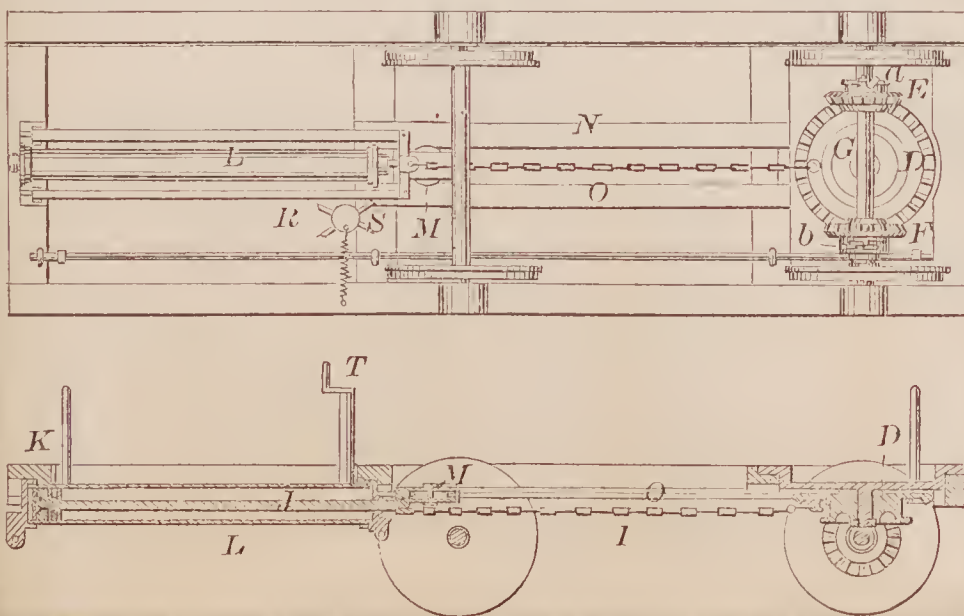
70810—E. J. Crane—*Cheese Press.*



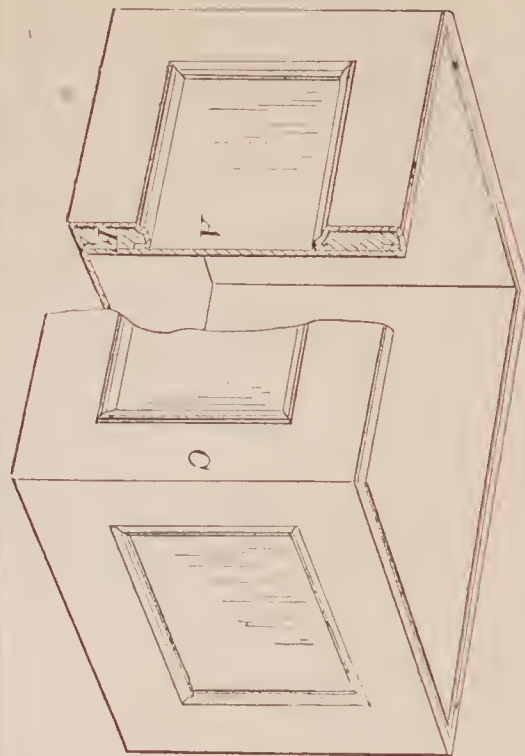
70813—A. F. Crosman—*Boat Hoisting Apparatus.*



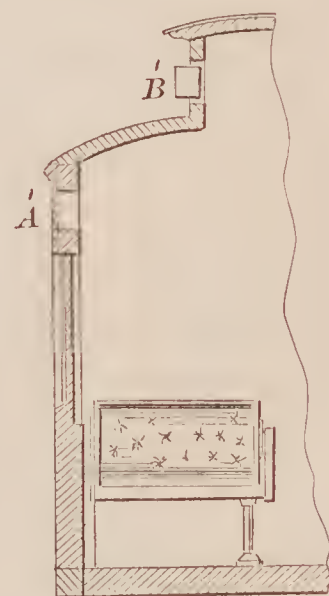
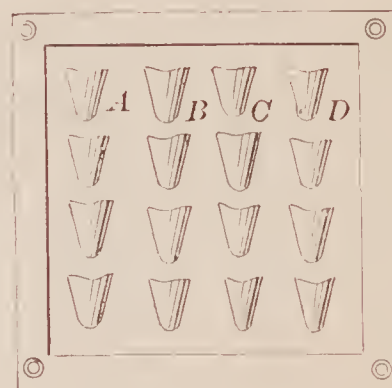
70814—A. G. Crossman—*Starting and Stopping Cars.*



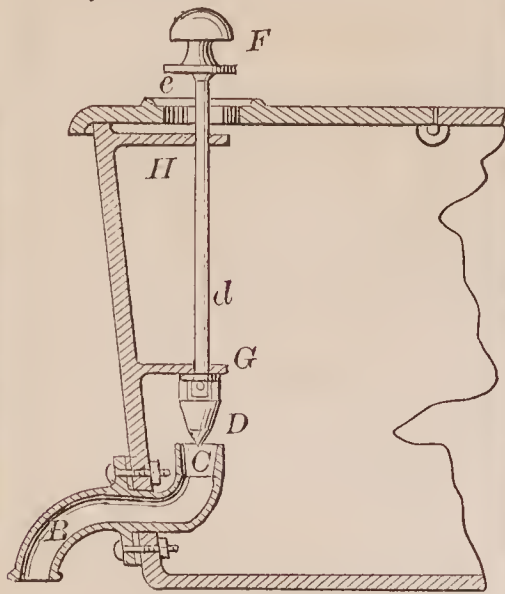
70811—M. H. Crane—*Sheet Metal Box.*



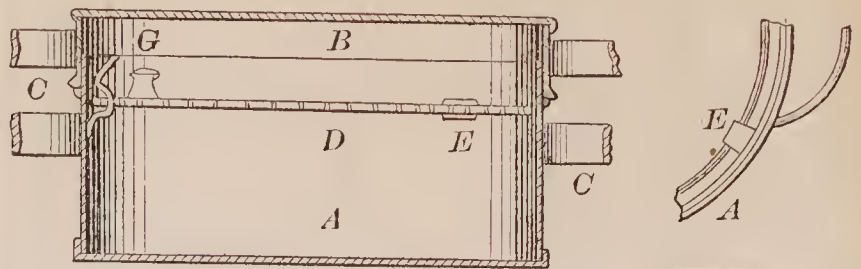
70812—W. G. Creamer—*Ventilating Device for Railroad Cars.*



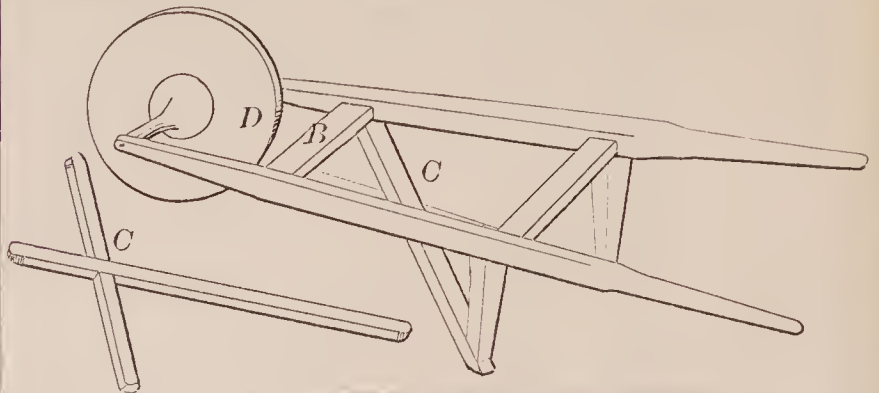
70815—J. B. Crowley—*Faucet for Stove Reservoirs.*



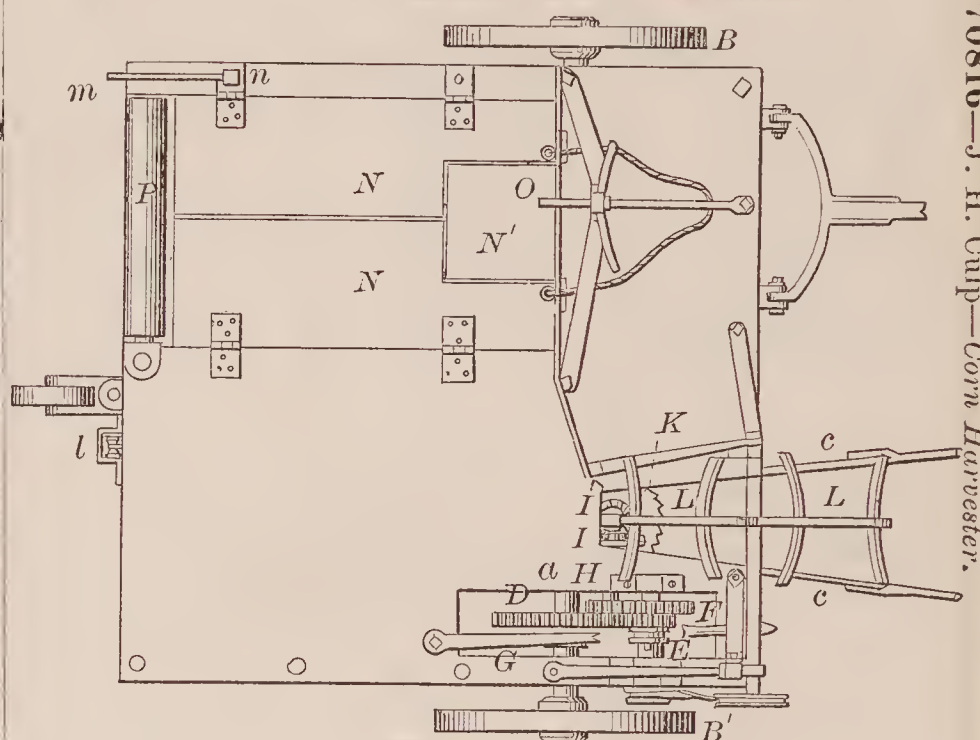
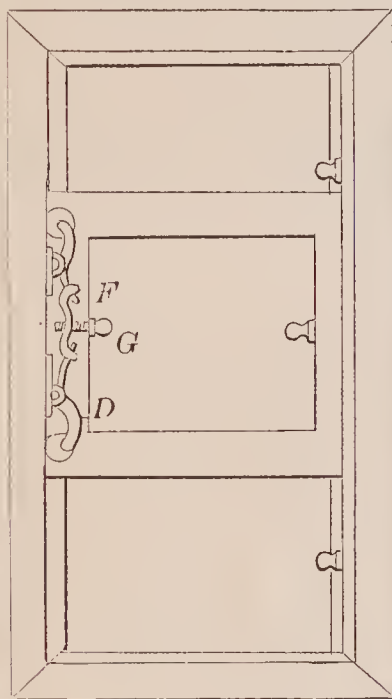
70817—J. W. Custer—*Ash Sifter.*



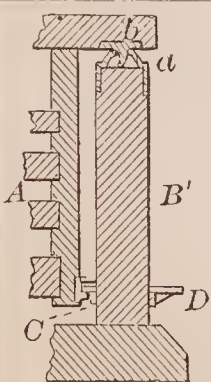
70821—D. B. Ellis—*Wheelbarrow.*



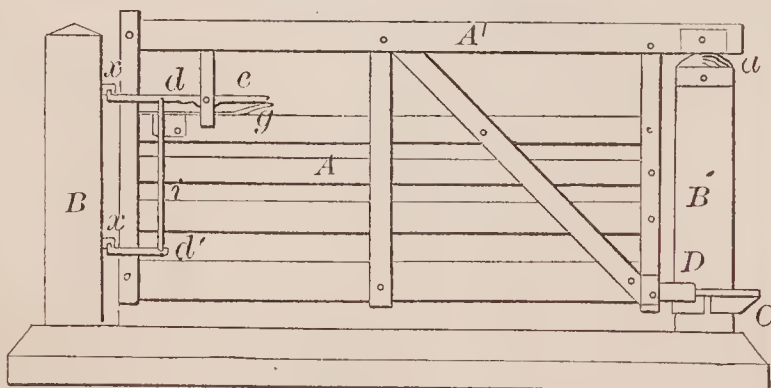
70818—A. Cutter—*Sash Supporter and Fastener.*



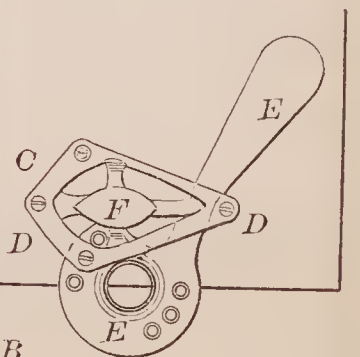
70816—J. H. Gulp—*Corn Harvester.*



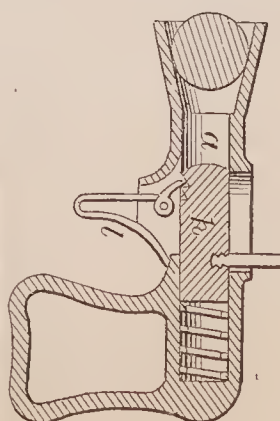
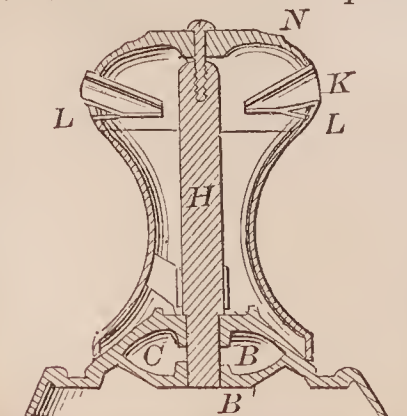
70819—O. Doud—*Gate.*



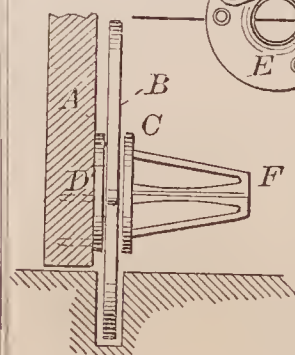
70823—C. J. Fisher—*Door Holder.*



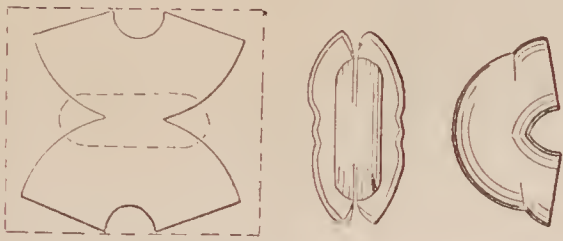
70820—J. Edson—*Capstan.*



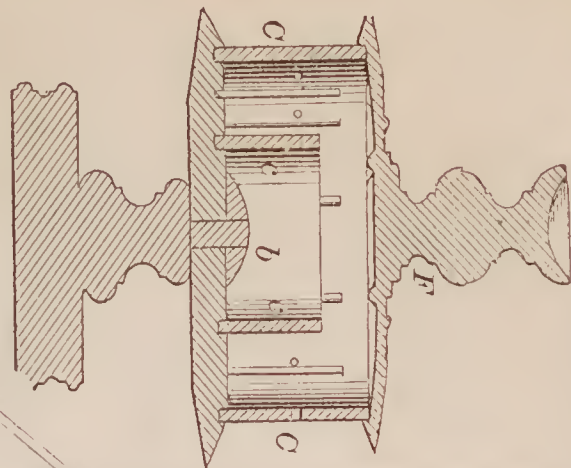
70822—W. F. Falls—*Marble Shooter.*



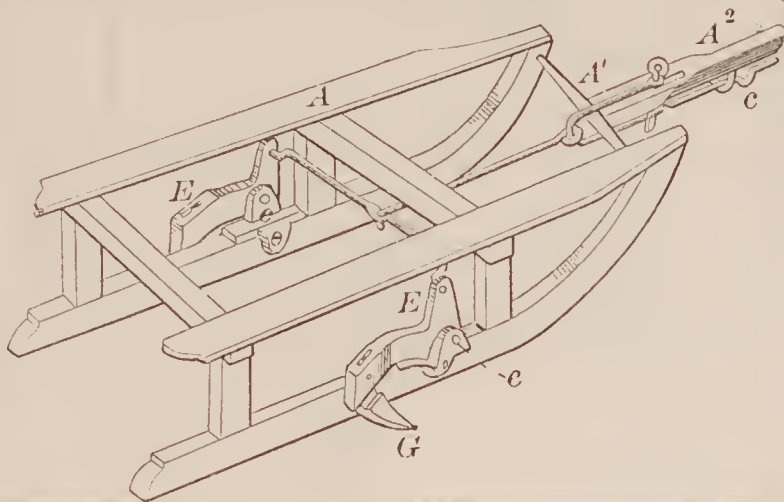
70824—I. Fiske—*Crook for Musical Instruments.*



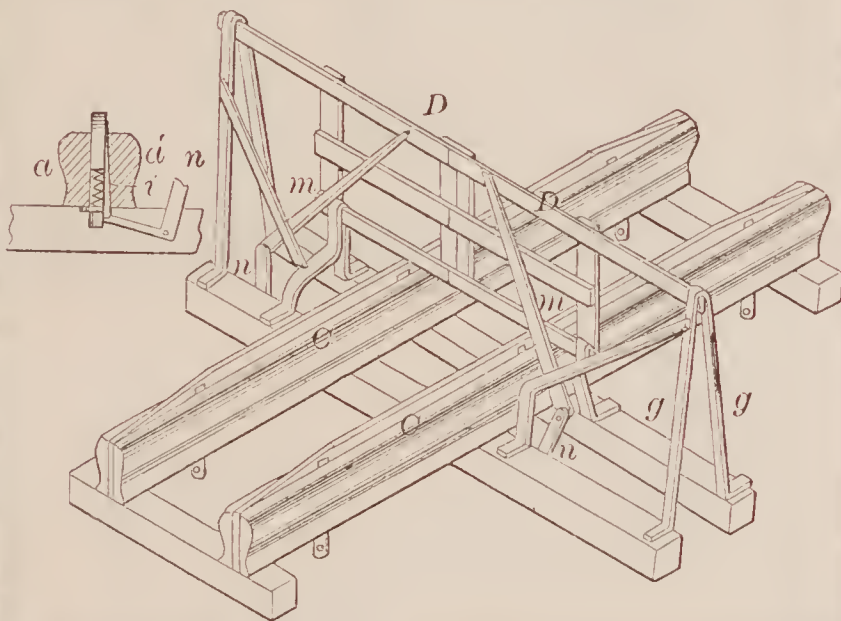
70825—J. S. Fletcher—*Work Box.*



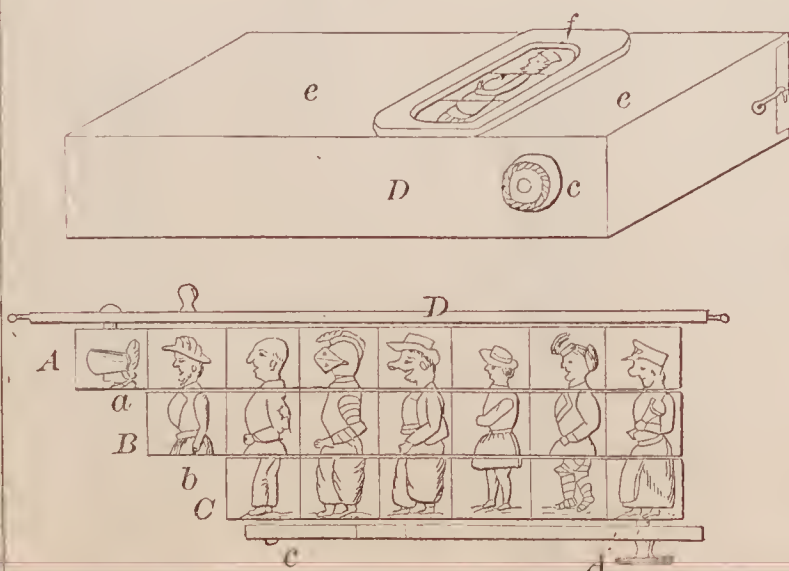
70827—C. Gardiner—*Sleigh Brake.*



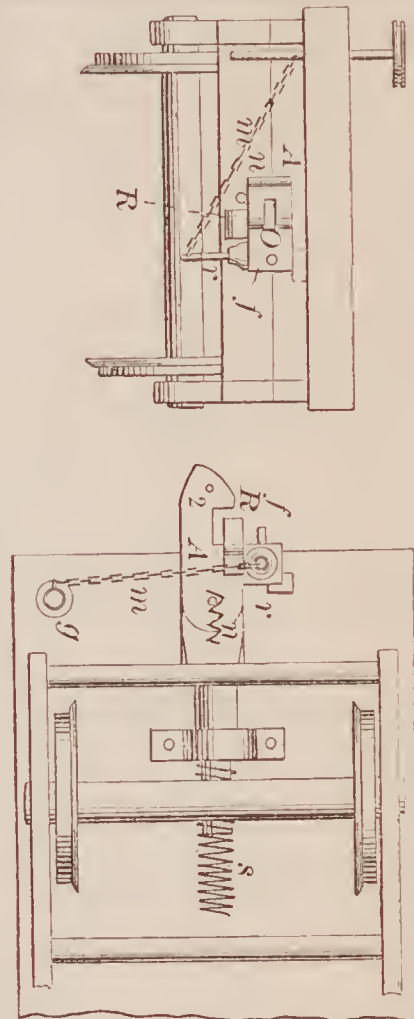
70828—E. K. Gardner—*Railroad Gate.*



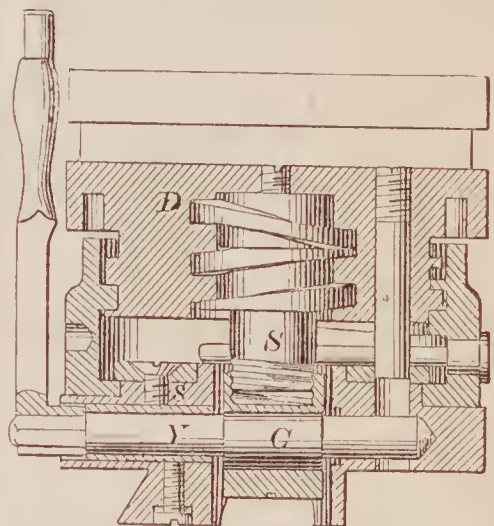
70831—E. A. Goodes—*Metamorphoscope.*



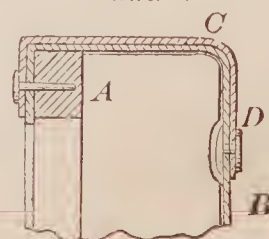
70829—S. Gissinger—*Car Coupling.*



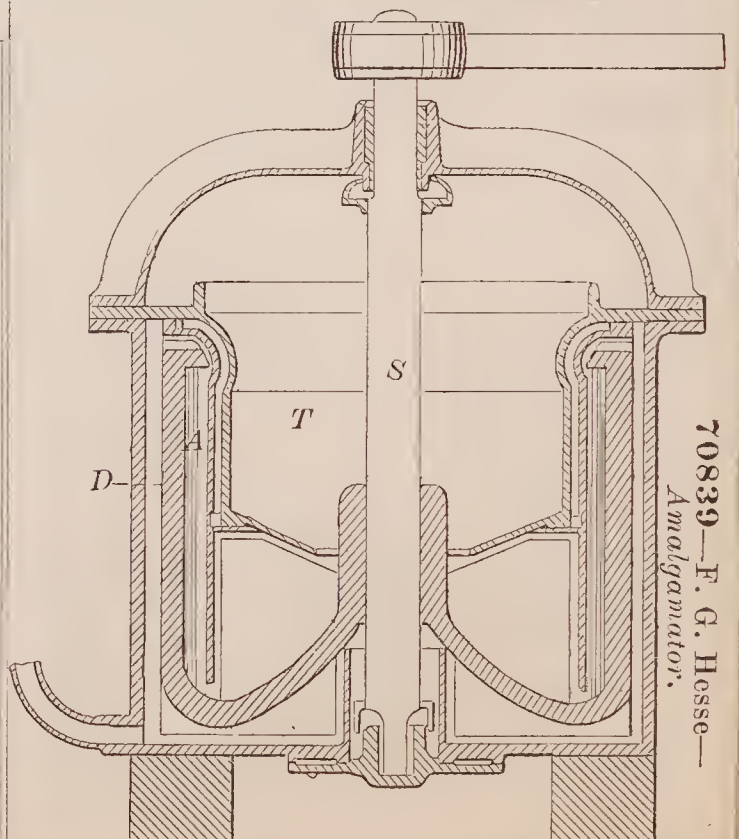
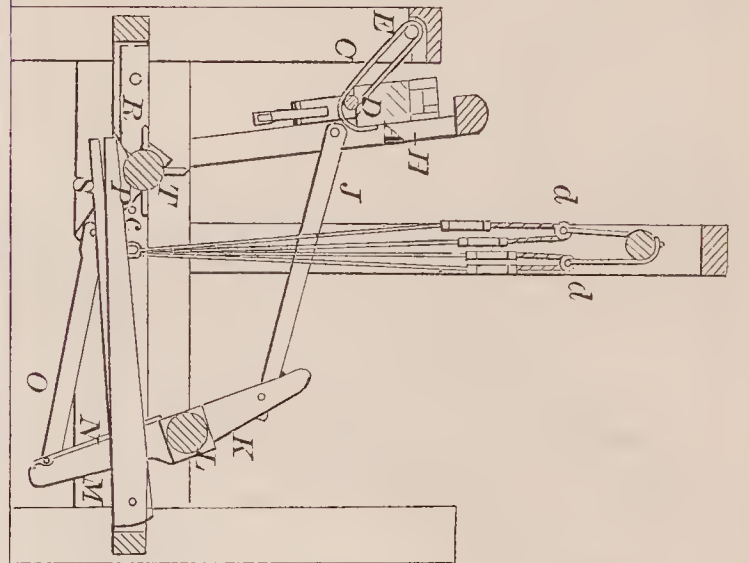
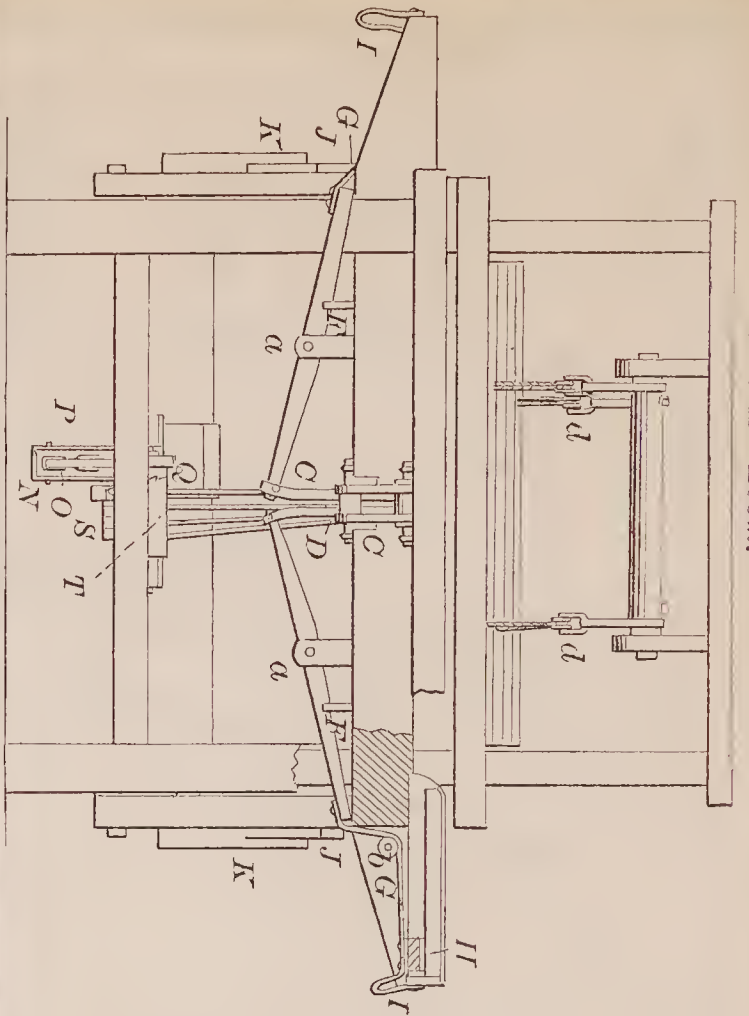
70830—W. Gleason—*Tool Rest.*



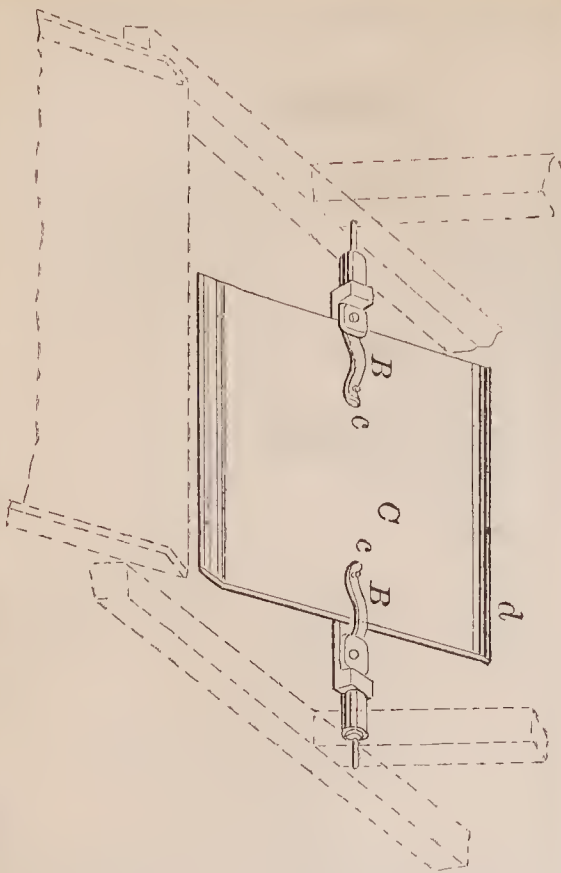
70832—N. Groel—*Traveling Bag and Valise.*



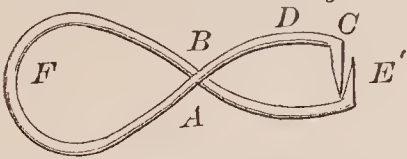
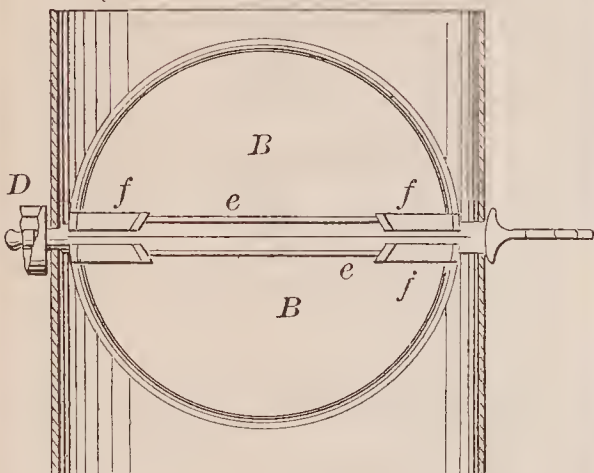
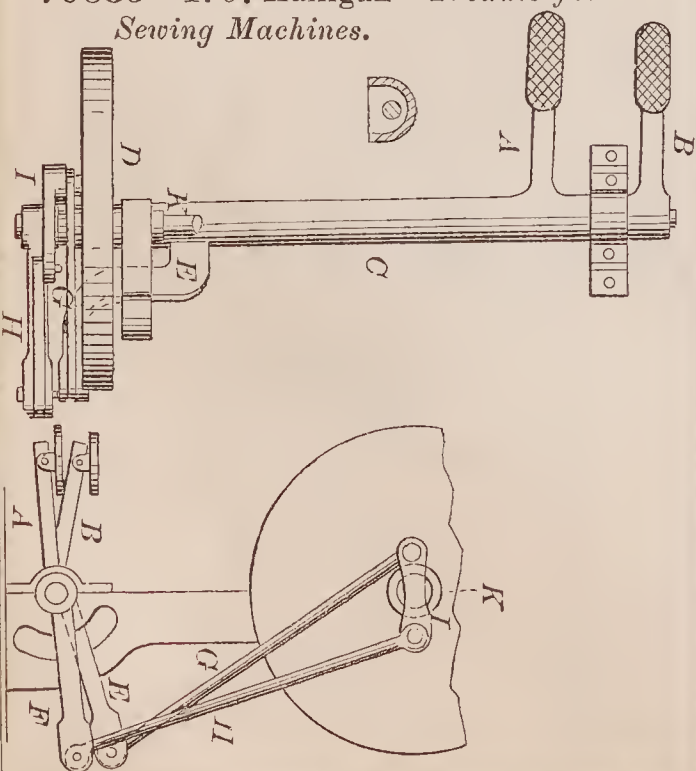
70837—M. McD. Hankins—Loom.

70839—F. G. Hespe—
Amalgamator.

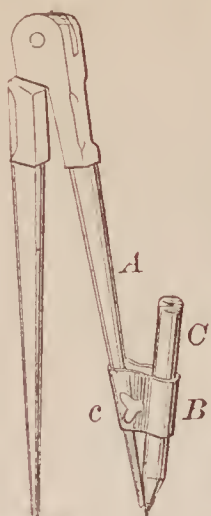
70833—J. J. Groshans—Paper Ruling Machine.



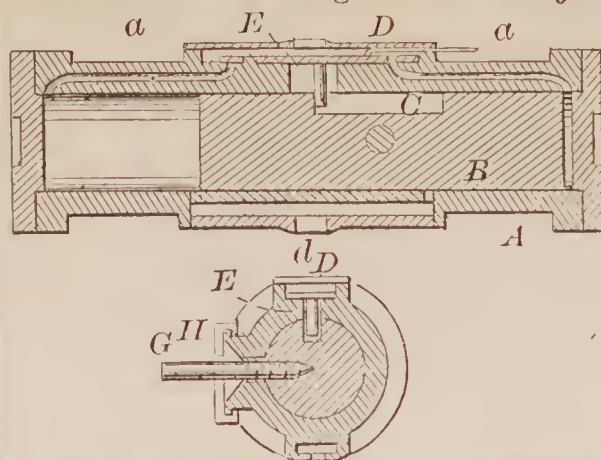
70834—A. Grushus—Tag Holder.

70836—G. B. Halsted—Stove Pipe
Damper.70835—T. J. Halligan—Treadle for
Sewing Machines.

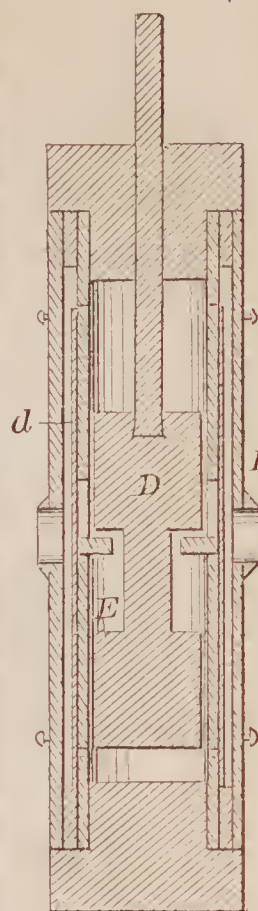
70840—W. G. Hillegass—Pencil Holder.



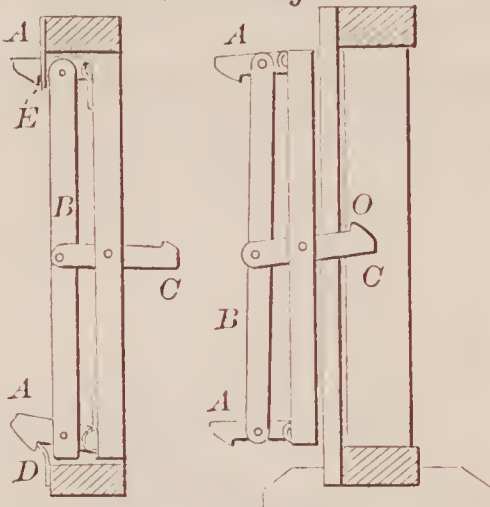
70841—J. M. Hirlinger—Steam Engine.



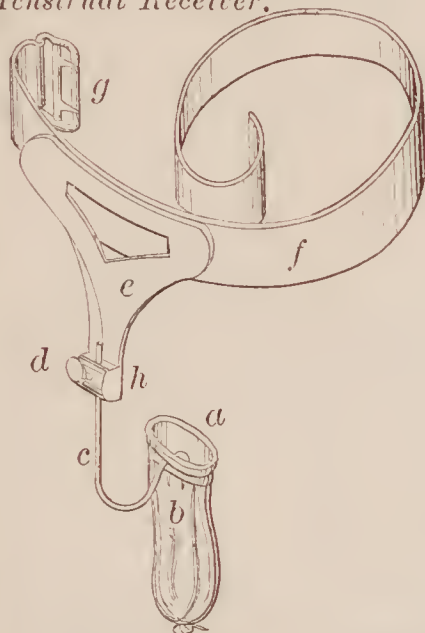
70842—J. M. Hirlinger—Pump.



70846—N. Hornaday—Door Fastening.



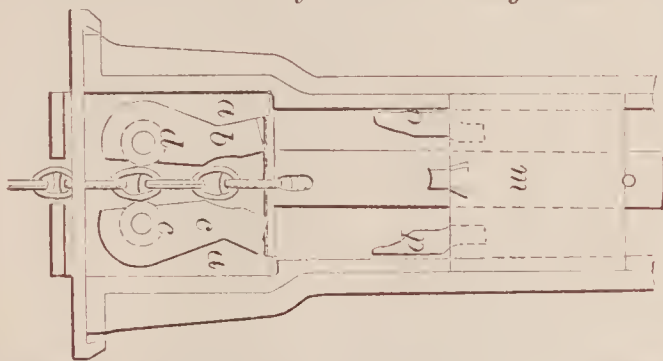
70843—S. L. Hockert—Menstrual Receiver.



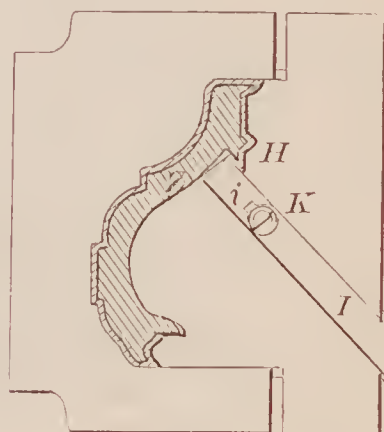
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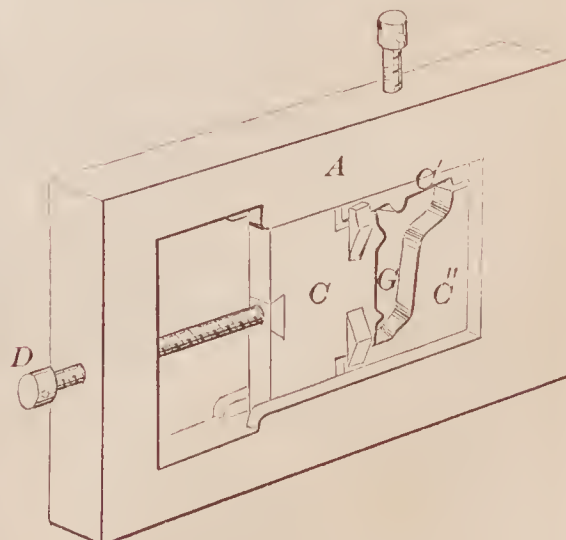
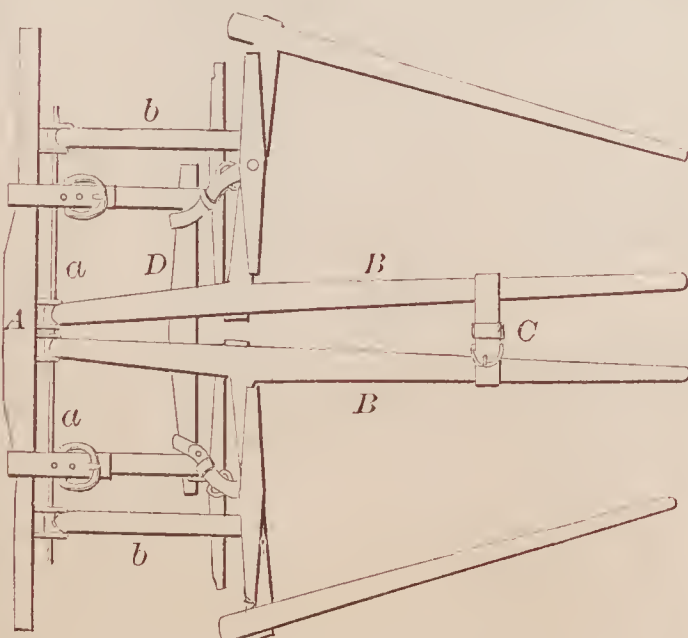
70845—A. Homfray—For Making Chain Links.

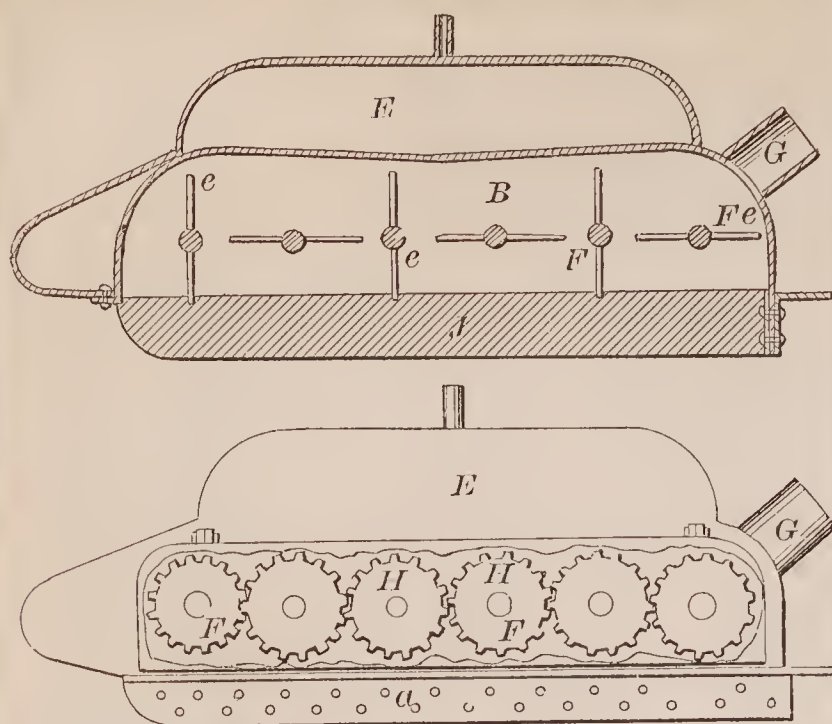
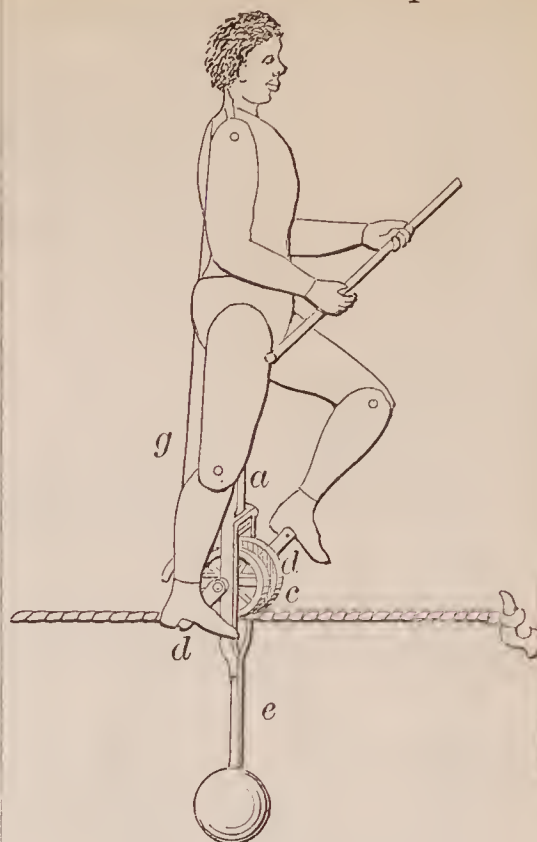
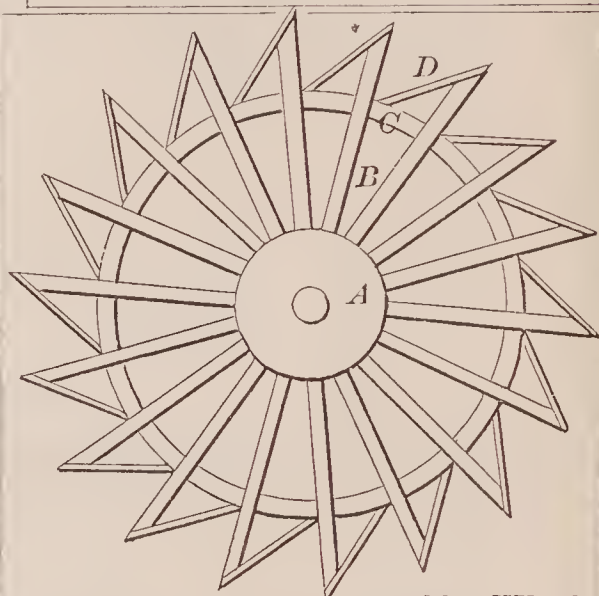
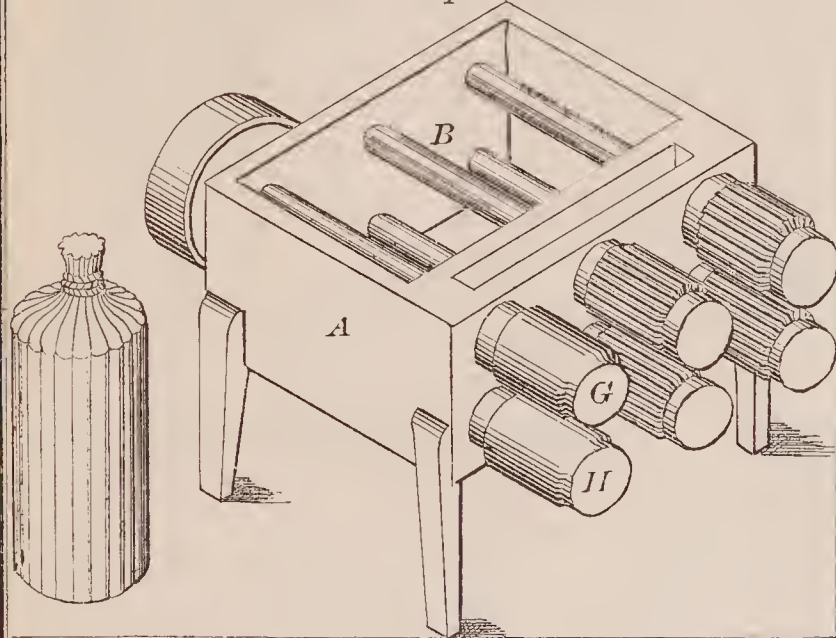
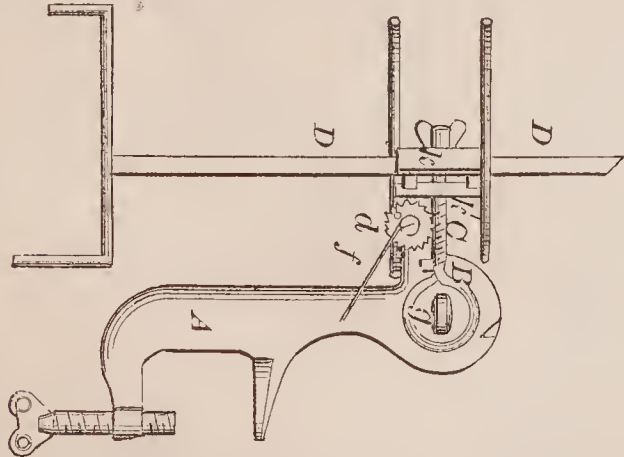
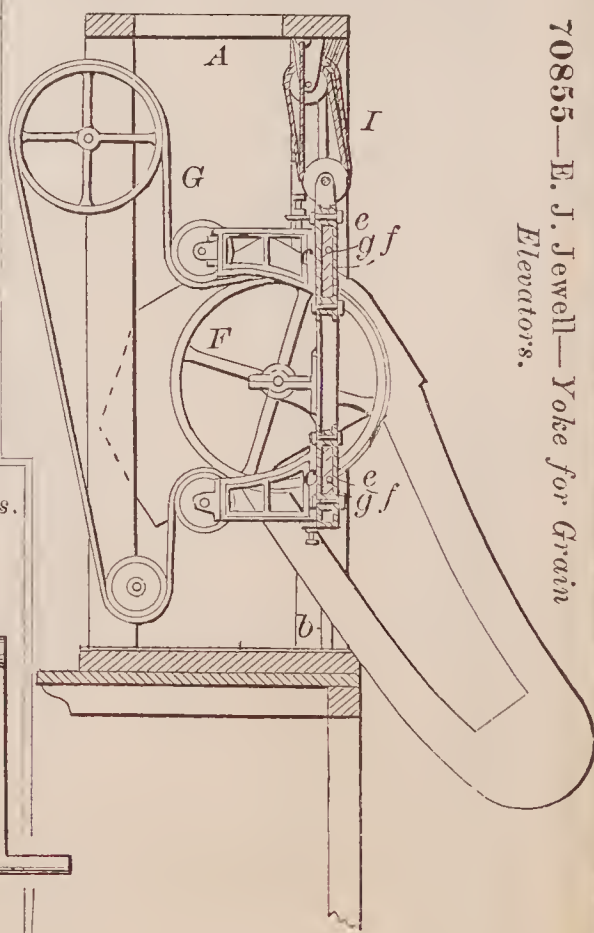
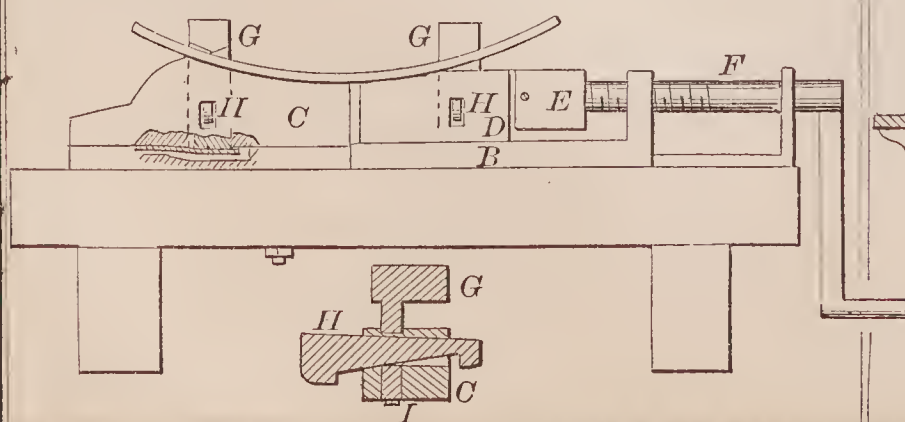


70847—R. Howdon—Moulding Facing Machine.

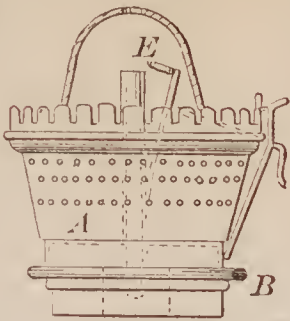


70848—A. H. Howe—Self-Adjusting Thill.

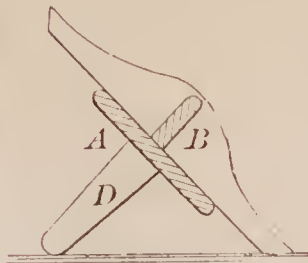


70849—G. Howell—*For Filling Marshes.*70850—W. Humans—*Rope Dancer.*70852—J. M. Hurd—*Paper Flour Sack.*70853—E. Hutson—*Reel and Swifts.*70851—W. Hunter—*Paddle Wheel.*70855—E. J. Jewell—*Yoke for Grain Elevators.*70854—J. B. & M. R. Jackson—*For Shrinking Tires.*

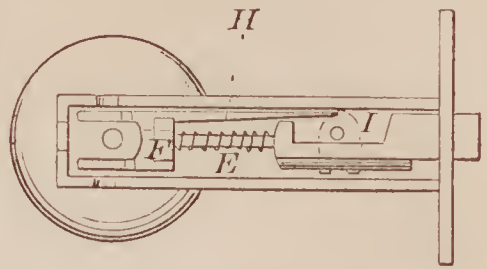
70856—M. Jincks—*Lamp.*



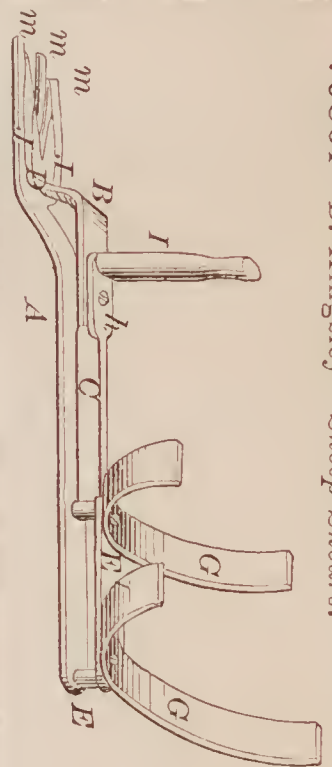
70859—F. Ketcham—*Sheep Trough.*



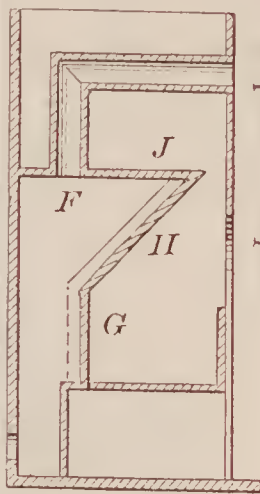
70860—E. King—*Door Latch.*



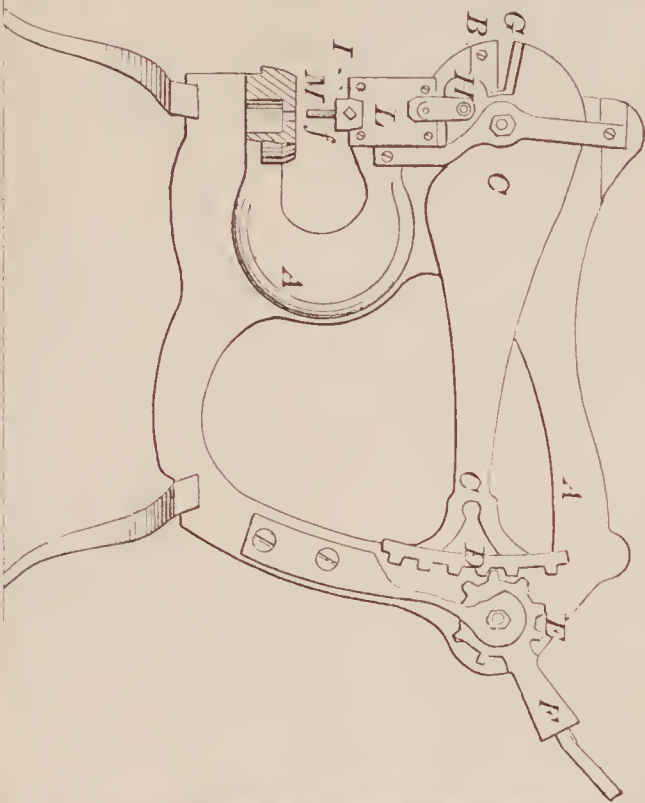
70861—B. Kingsley—*Sheep Shears.*



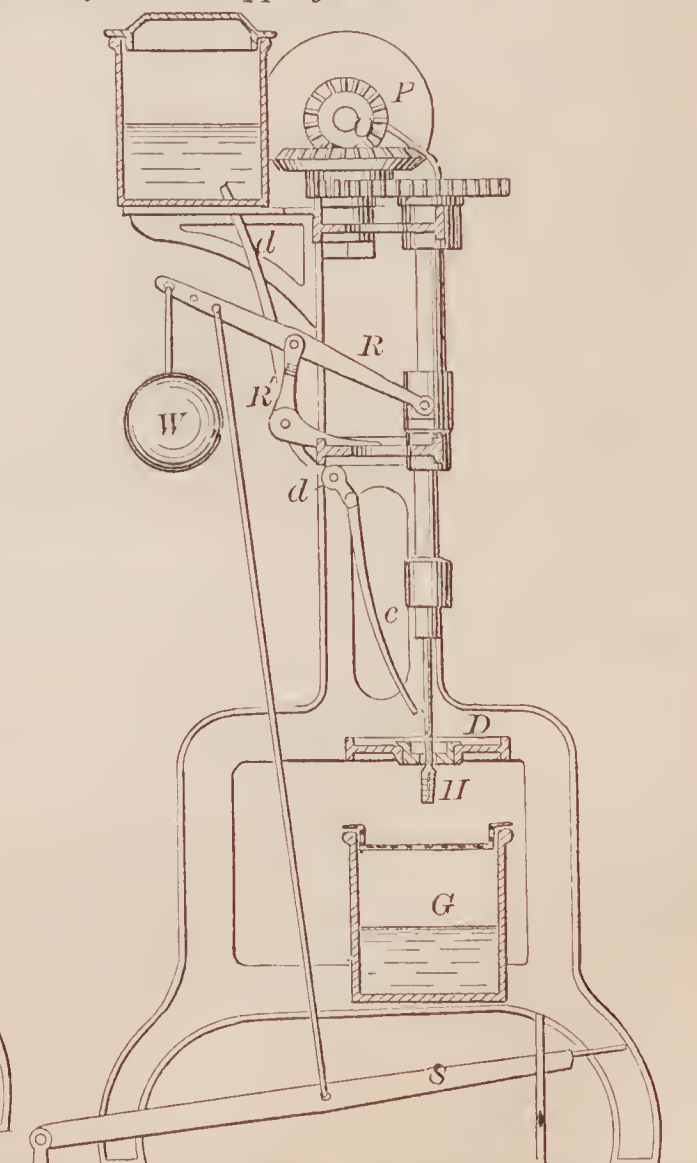
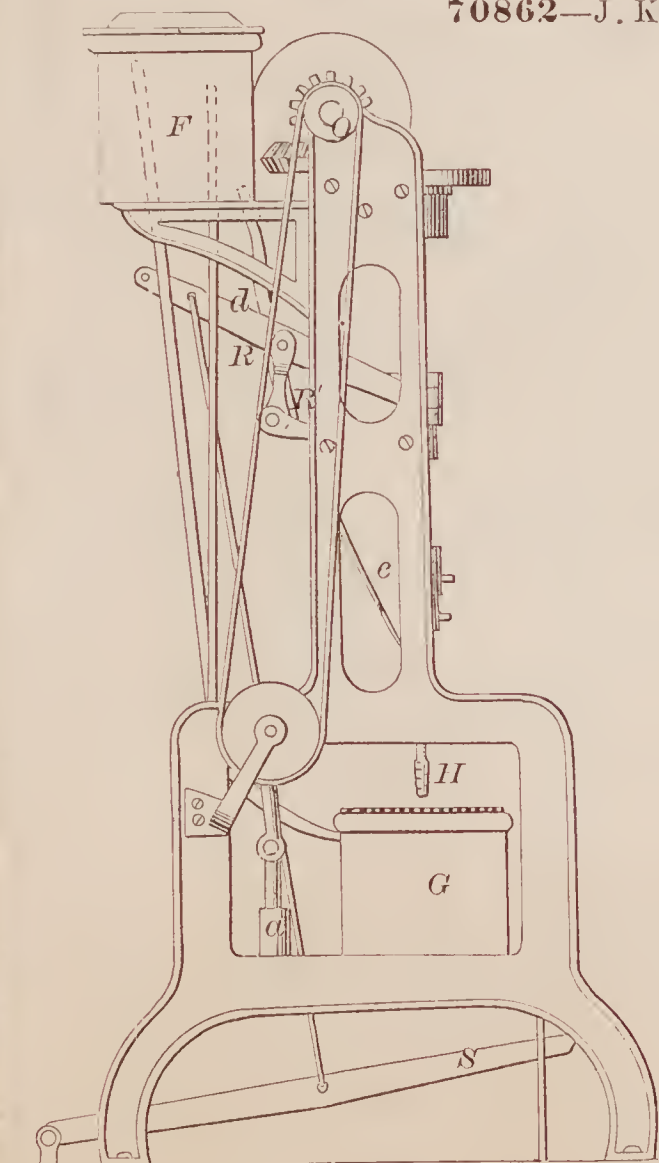
70858—I. Kepler—*fireplace.*

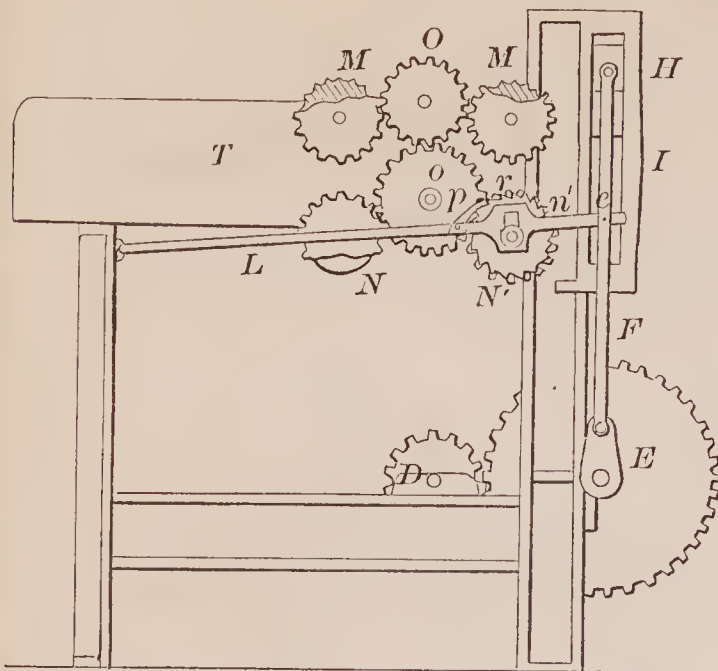
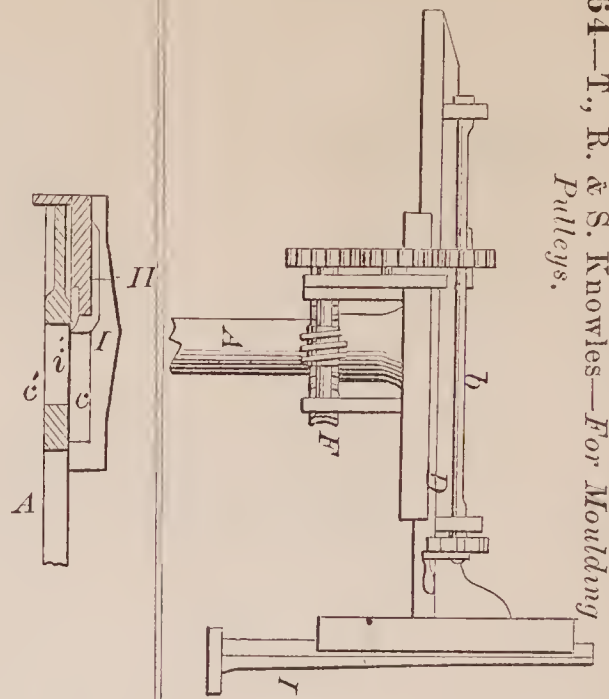
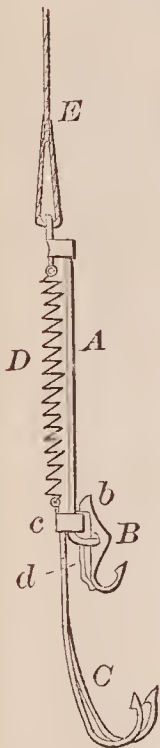
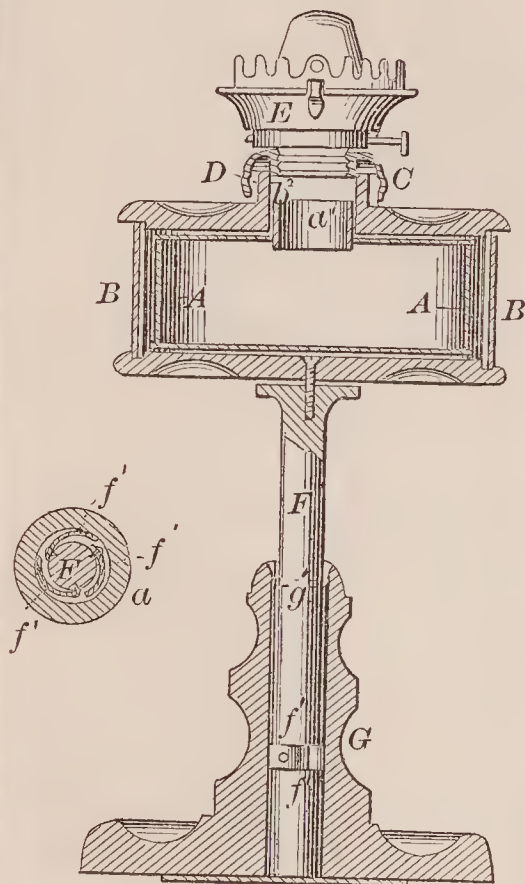
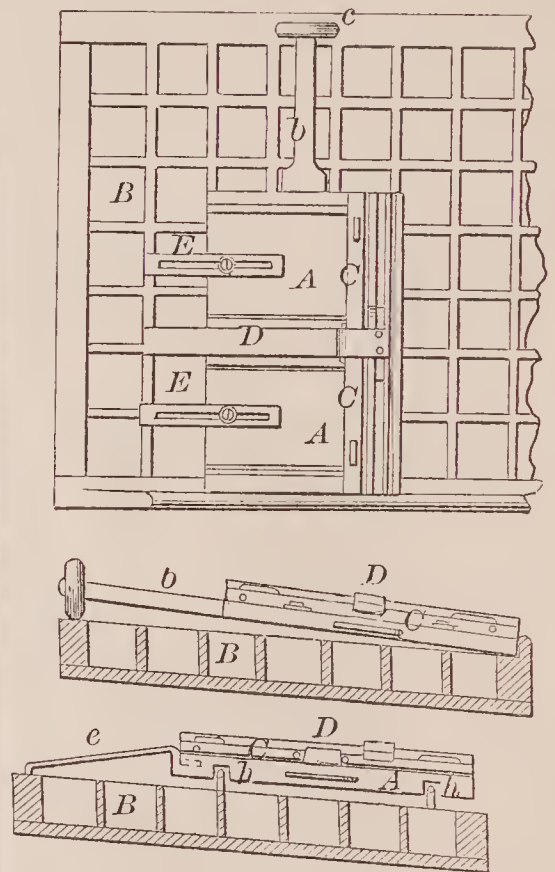
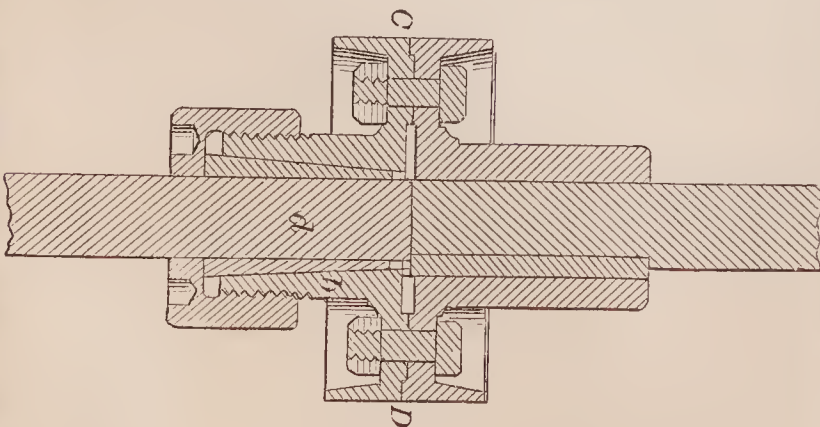
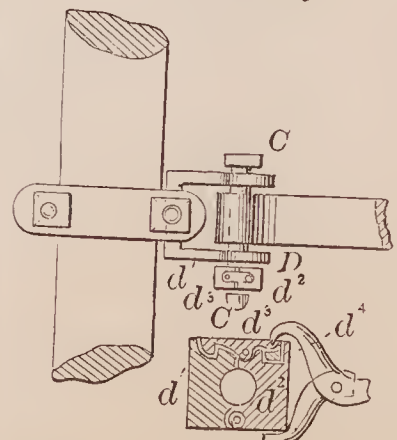


70857—J. C. Jordan—*For Punching and Shearing.*

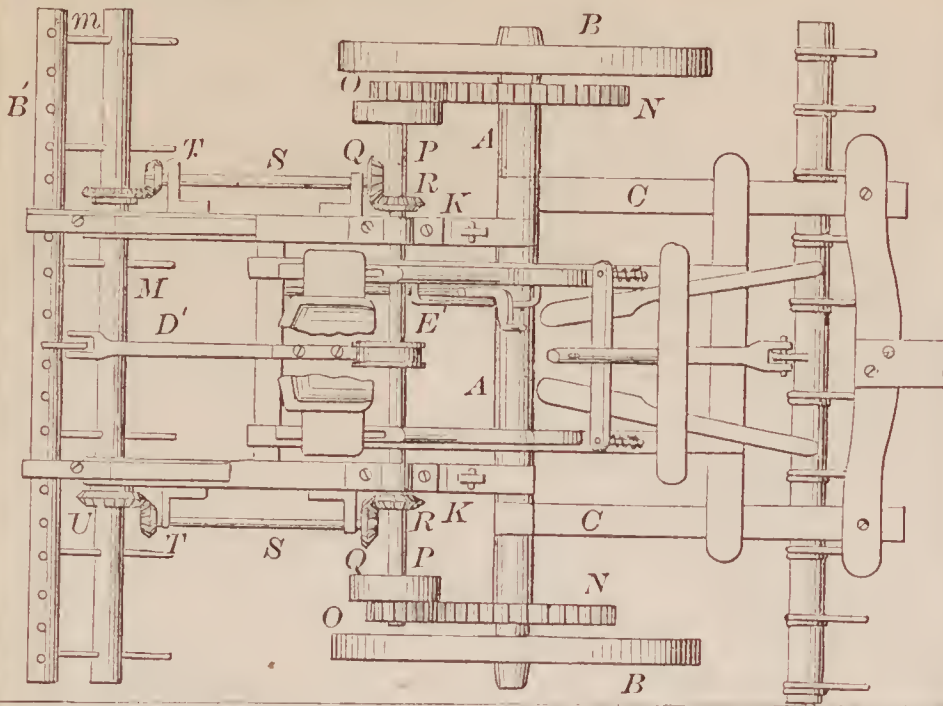


70862—J. Kirkley—*Nut Tapping Machine.*

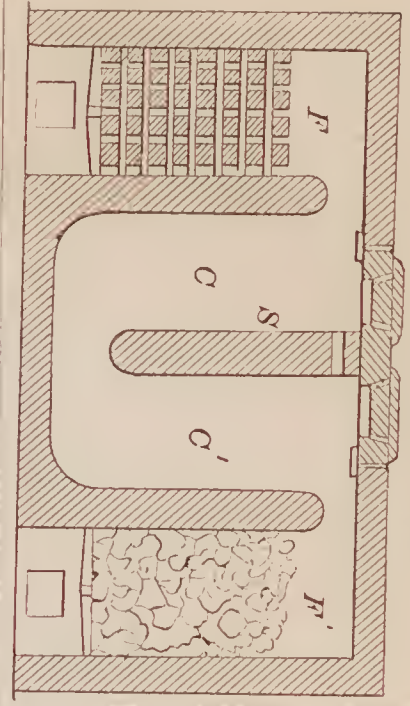


70863—A. L. Knight—*For Cutting Paper Stock.*70864—T. R. & S. Knowles—*For Moulding Pulleys.*70868—A. I. Lenhart—*Fish Hook.*70867—J. Lee—*Lamp.*70865—P. A. La France—*Compositors' Copy Holder.*70869—W. E. London—*Shaft Coupling.*70866—V. Lapham—*Bolt Fastening.*

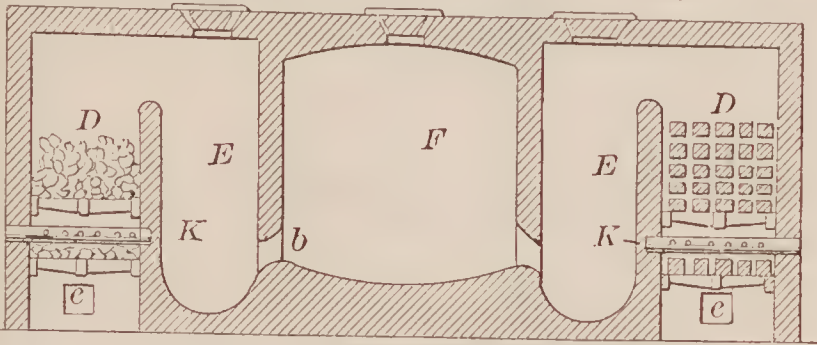
70870—J. M. Low—Horse Rake and Hay Spreader.



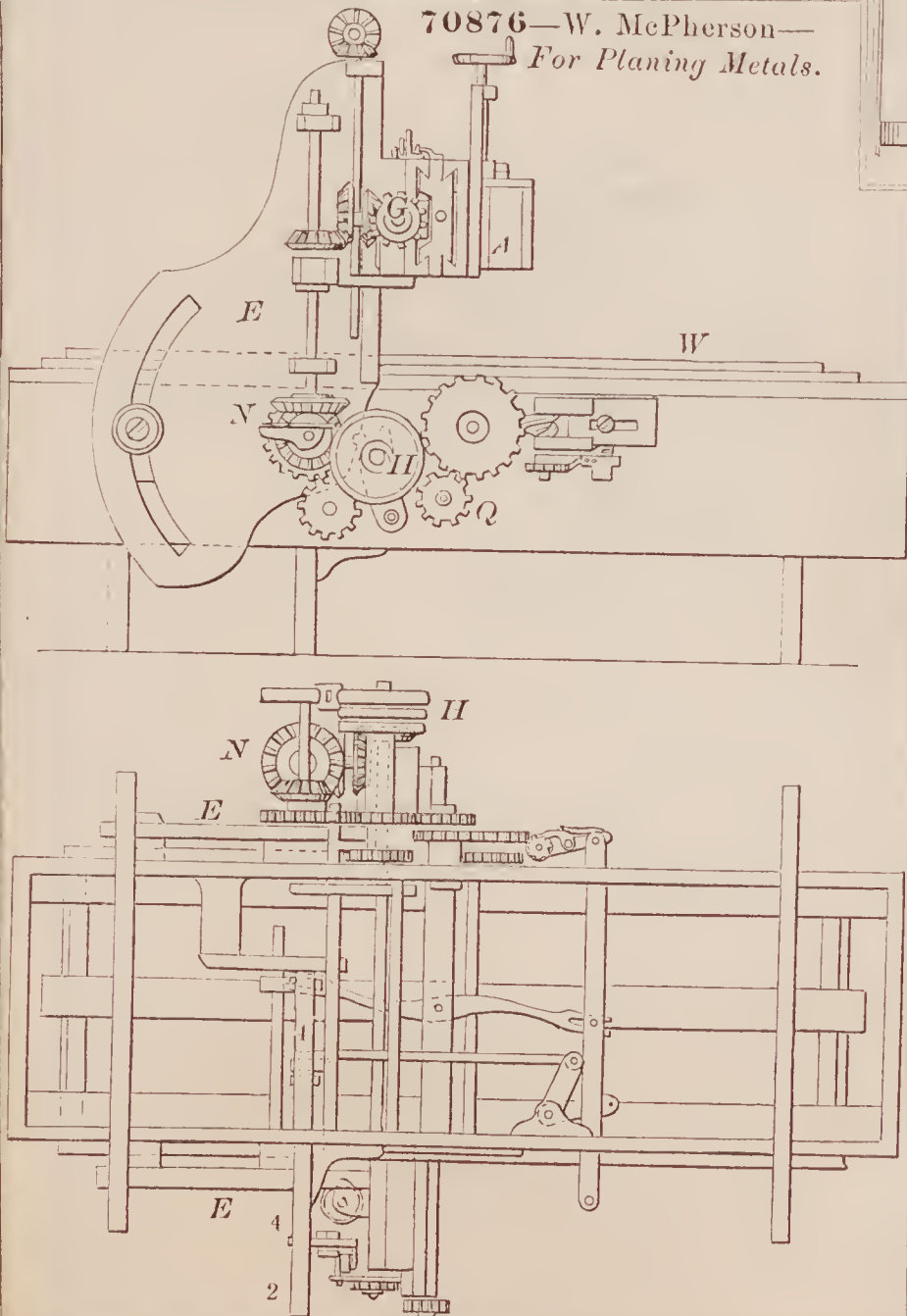
70874—J. Maunton—Heating Furnace.



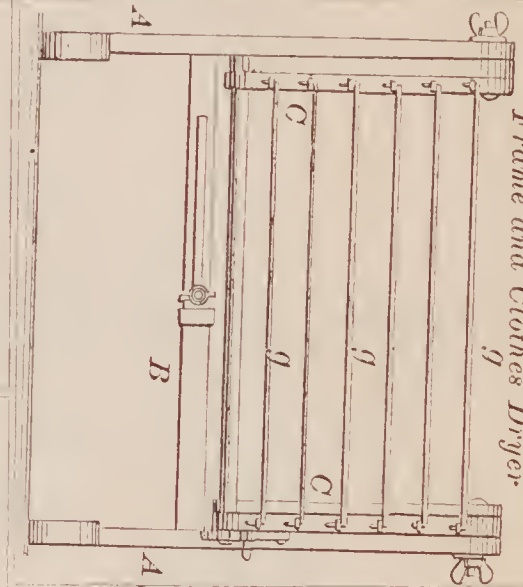
70873—J. Maunton—Furnace for Reducing Ores.



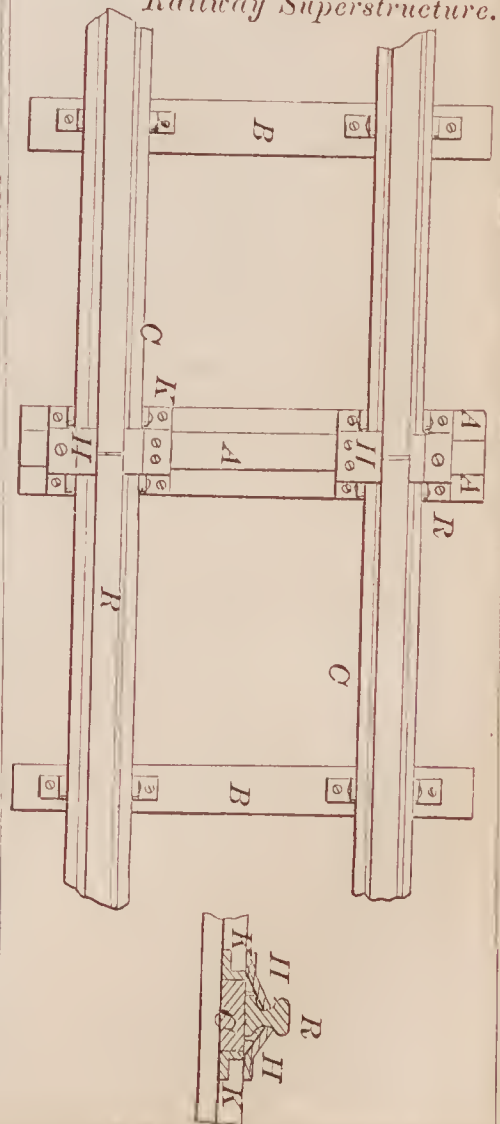
70876—W. McPherson—
For Planing Metals.

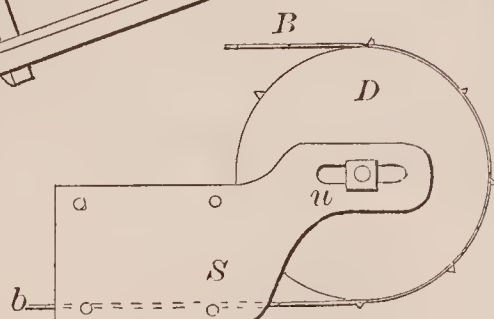
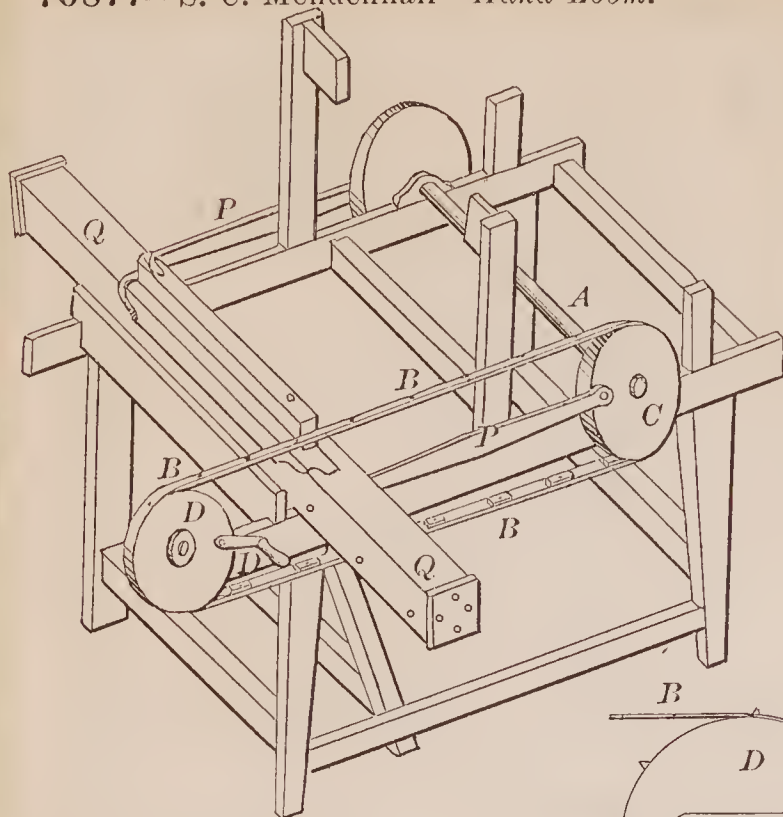
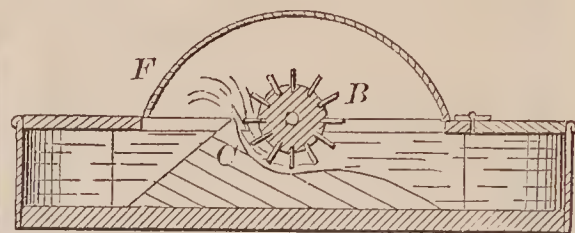
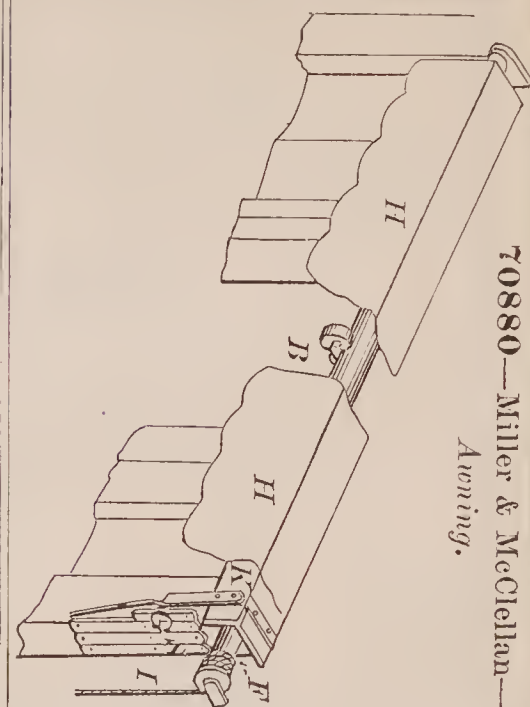
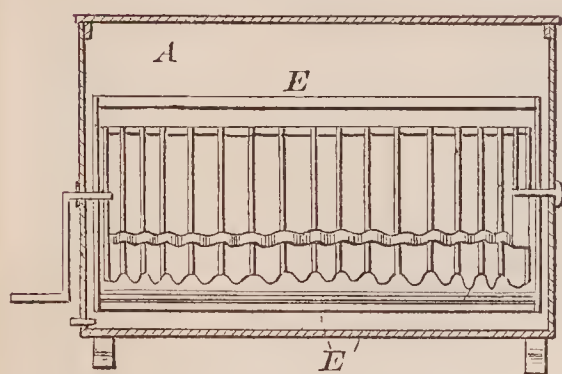
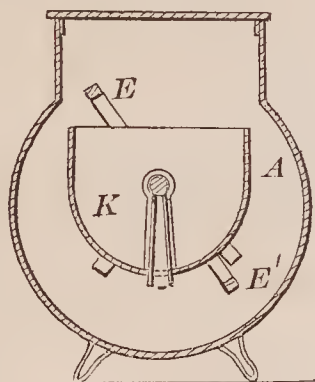
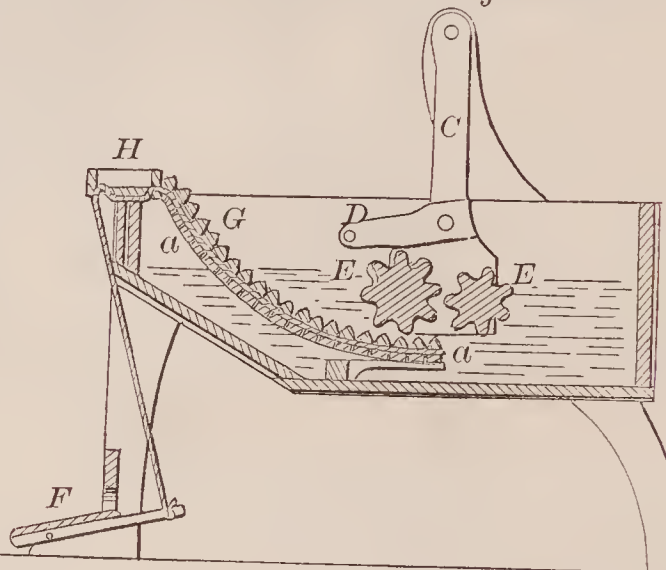
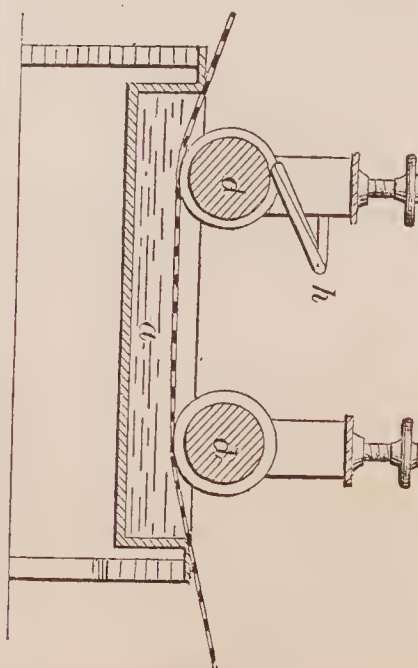
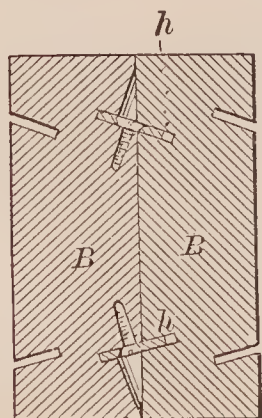


70871—Mallory & Fish—Quitting
Frame and Clothes Dryer.

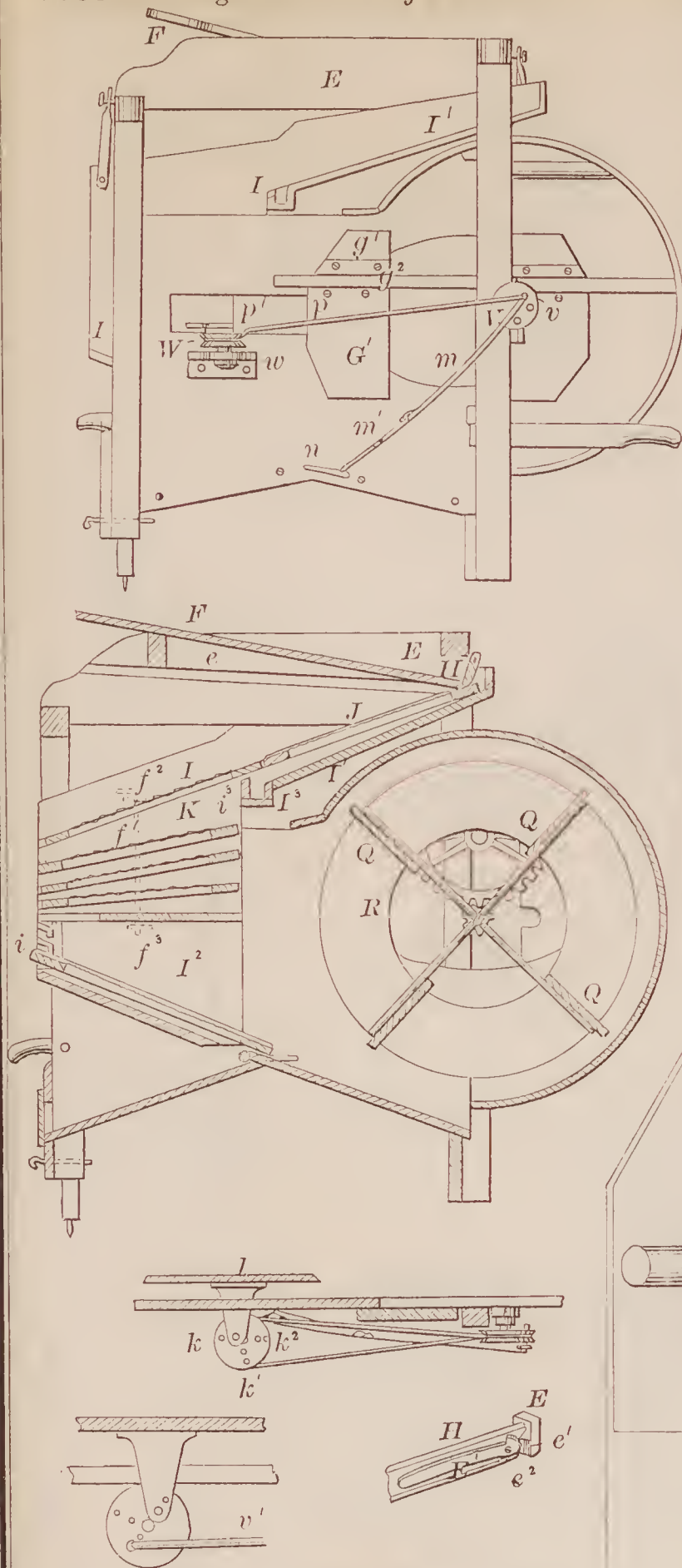


70875—J. A. Maxwell—
Railway Superstructure.

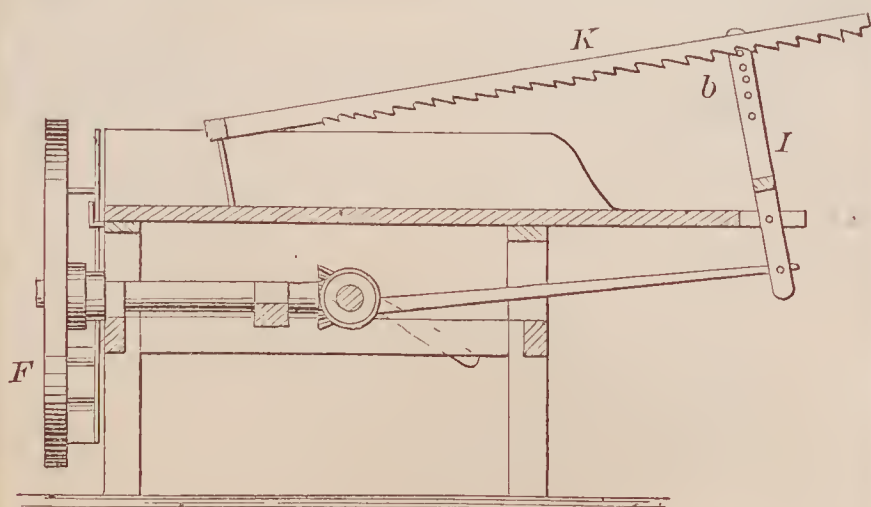


70877—S. C. Mendenhall—*Hand Loom.*70878—S. T. Merrill—*Bleaching Stock for Paper.*70880—Miller & McClellan—*Acuring.*70883—E. & J. S. B. Norton—*Dish Washer.*70882—A. Neilson—*Washing Machine.*70881—J. H. Monk—*For Tempering Skirt Wire.*70879—E. Mets—*Slide for Extension Tables.*70884—W. R. Oatley—*Hook for Travelers.*

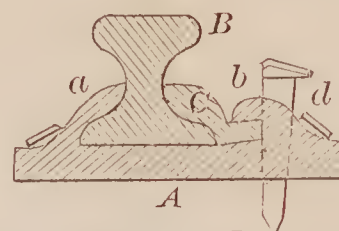
70885—H. Ogborn—*Fanning Mill.*



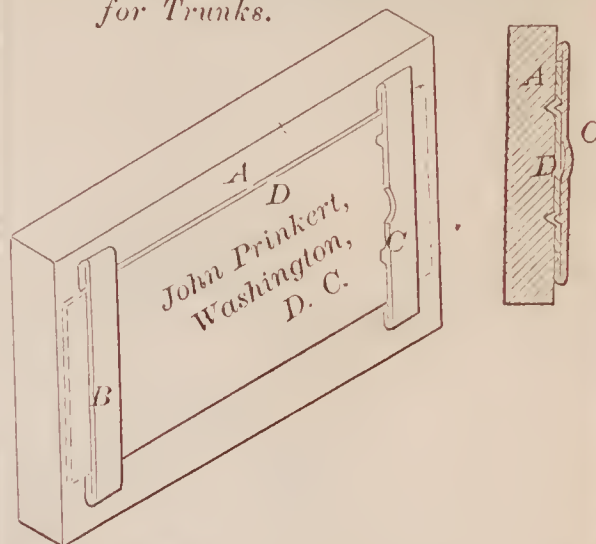
70891—II. Parks—*Straw Cutter*.



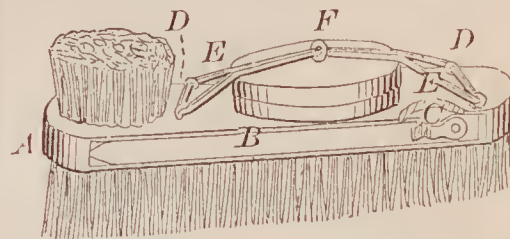
70886—N. F. Page—*Railway Chair.*



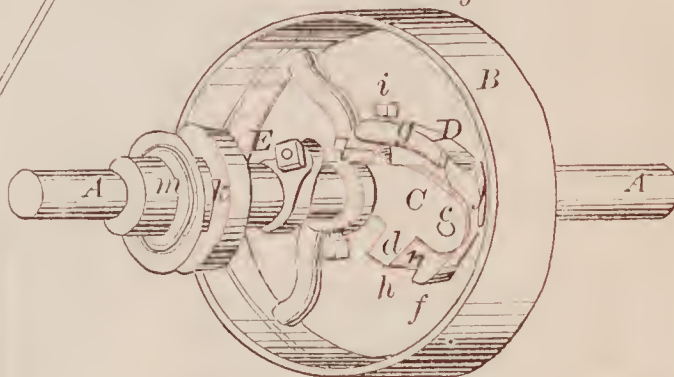
70887—W. L. Paine—*Card Holder*
for Trunks.



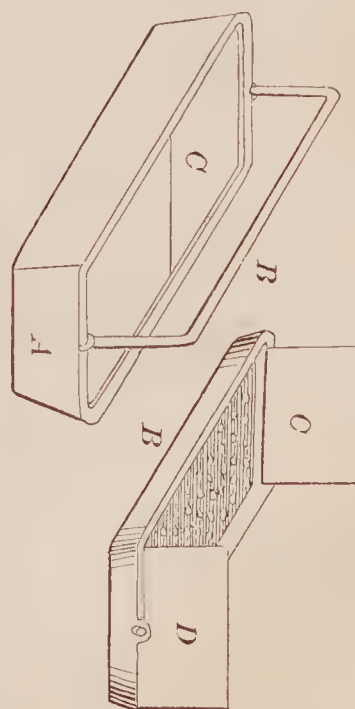
70889—C. A. Paret—*Blacking Brush.*



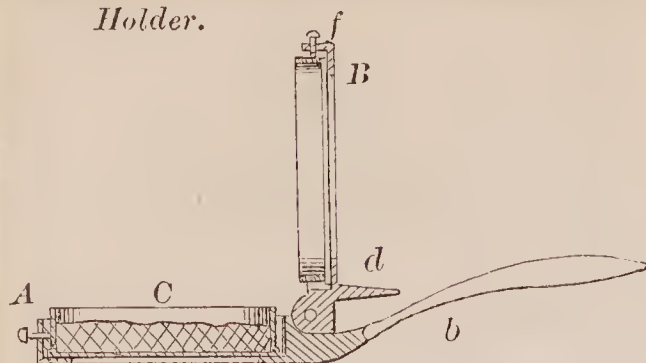
70888—C. D. Palmiter—*Friction
Clutch Pulley.*



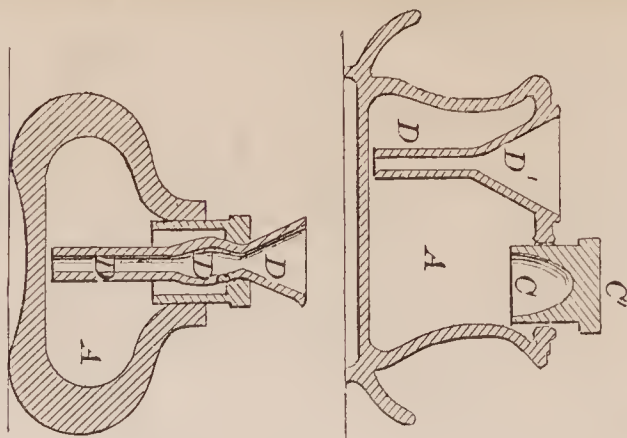
70890—D. E. Paris—*Ash Sifter*.



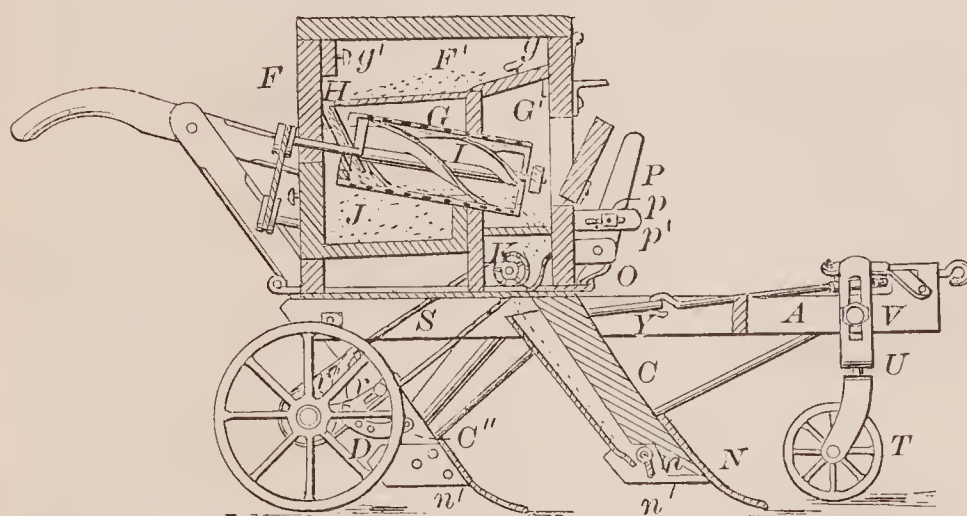
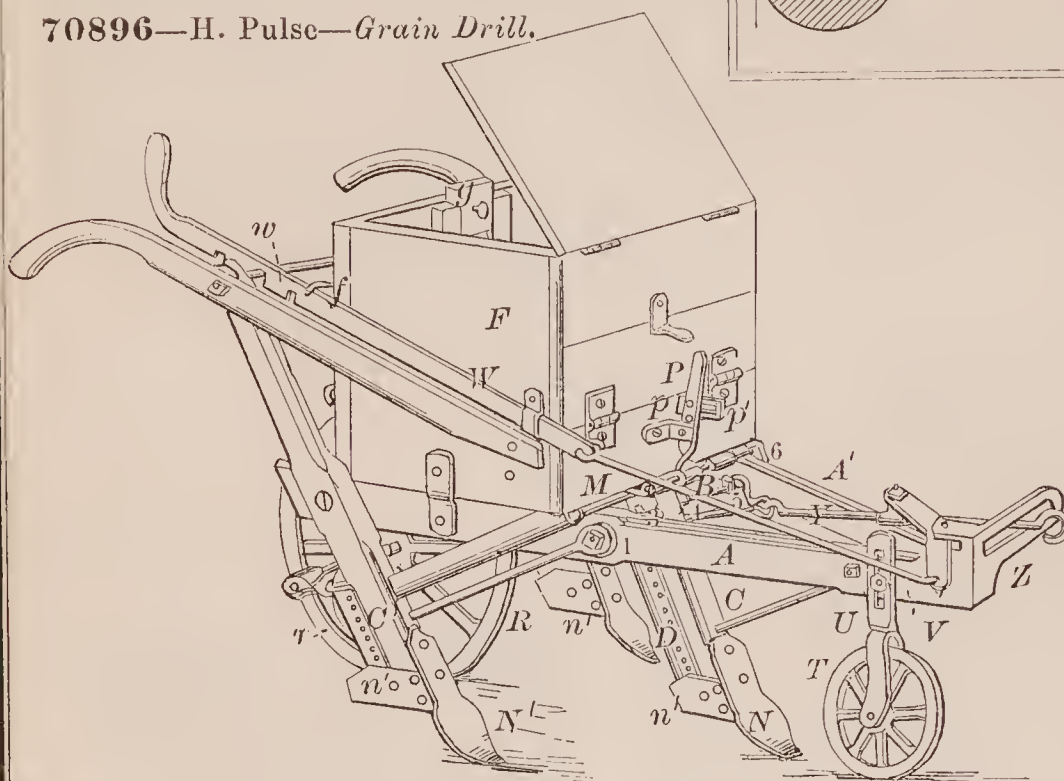
70892—T. K. Payson—*Blacking Box Holder.*



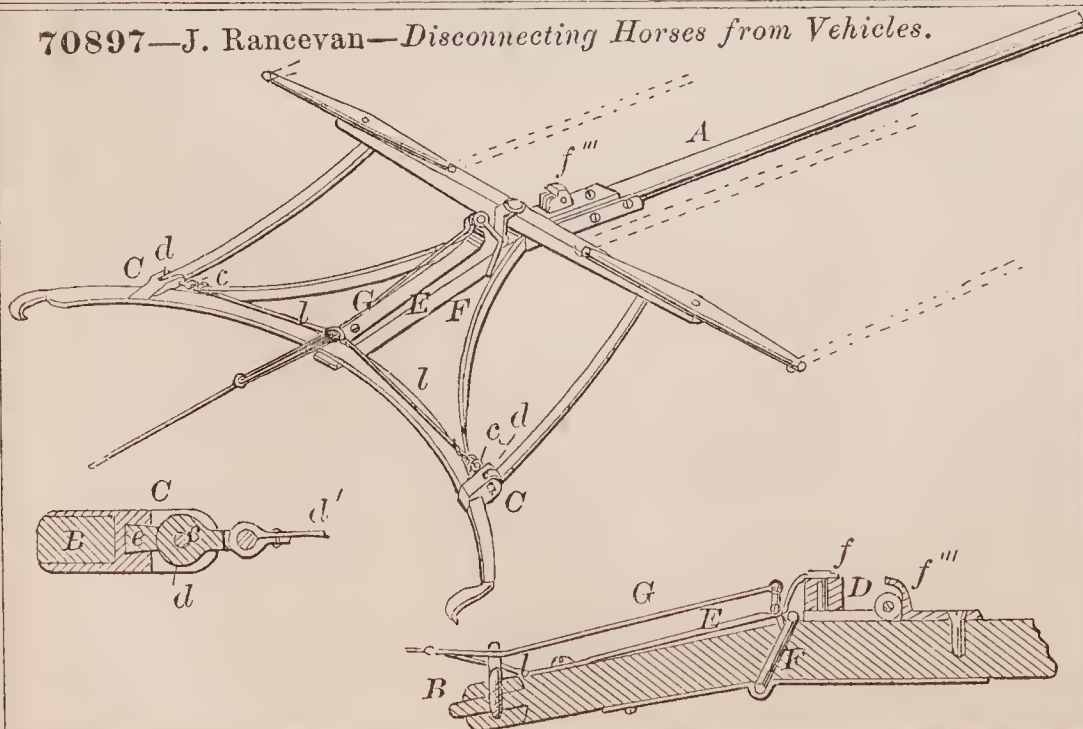
70893—S. & J. J. Perry—*Inkstand.*



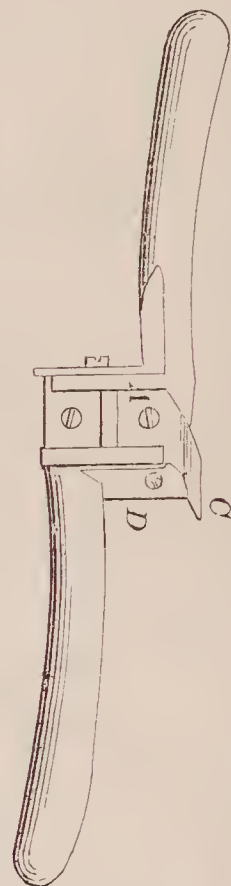
70896—H. Pulse—*Grain Drill.*



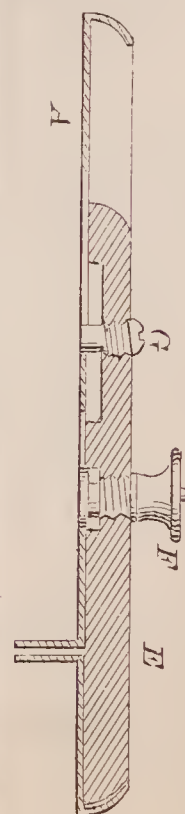
70897—J. Rancevan—*Disconnecting Horses from Vehicles.*



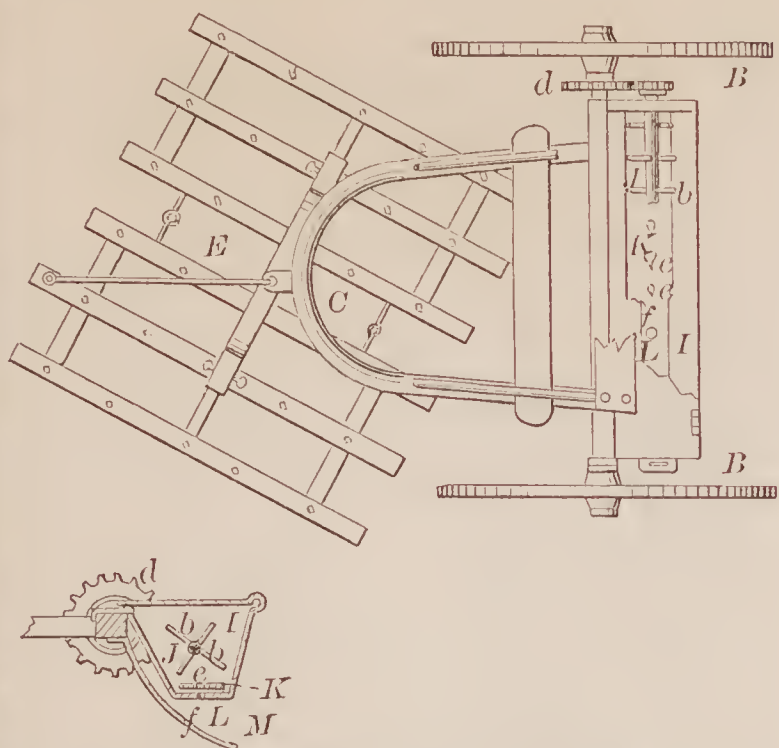
70894—J. E. Plummer—*Edge Plane.*



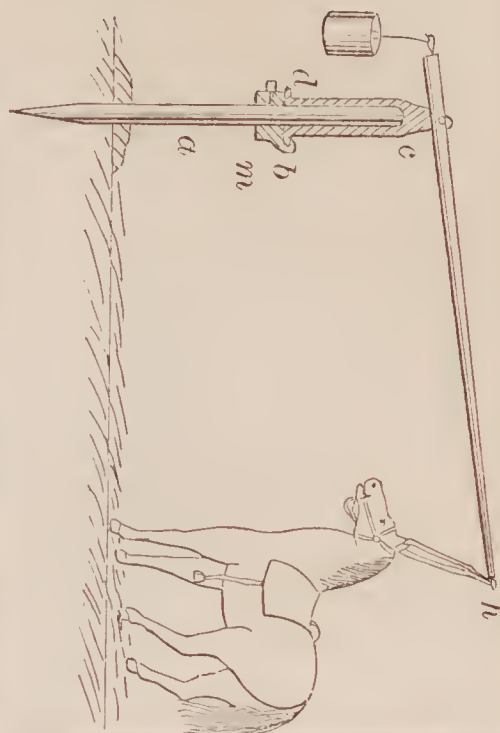
70895—G. A. Pridham—*Door Bolt.*



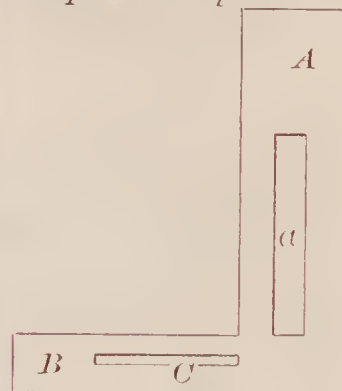
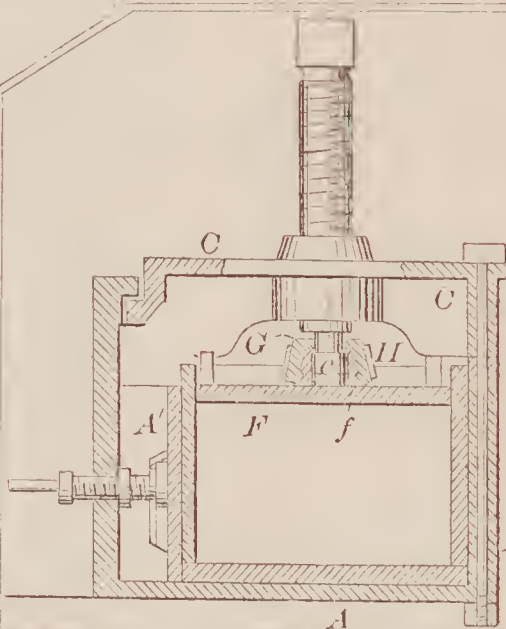
70898—B. Randall—*Harrow and Seeder.*



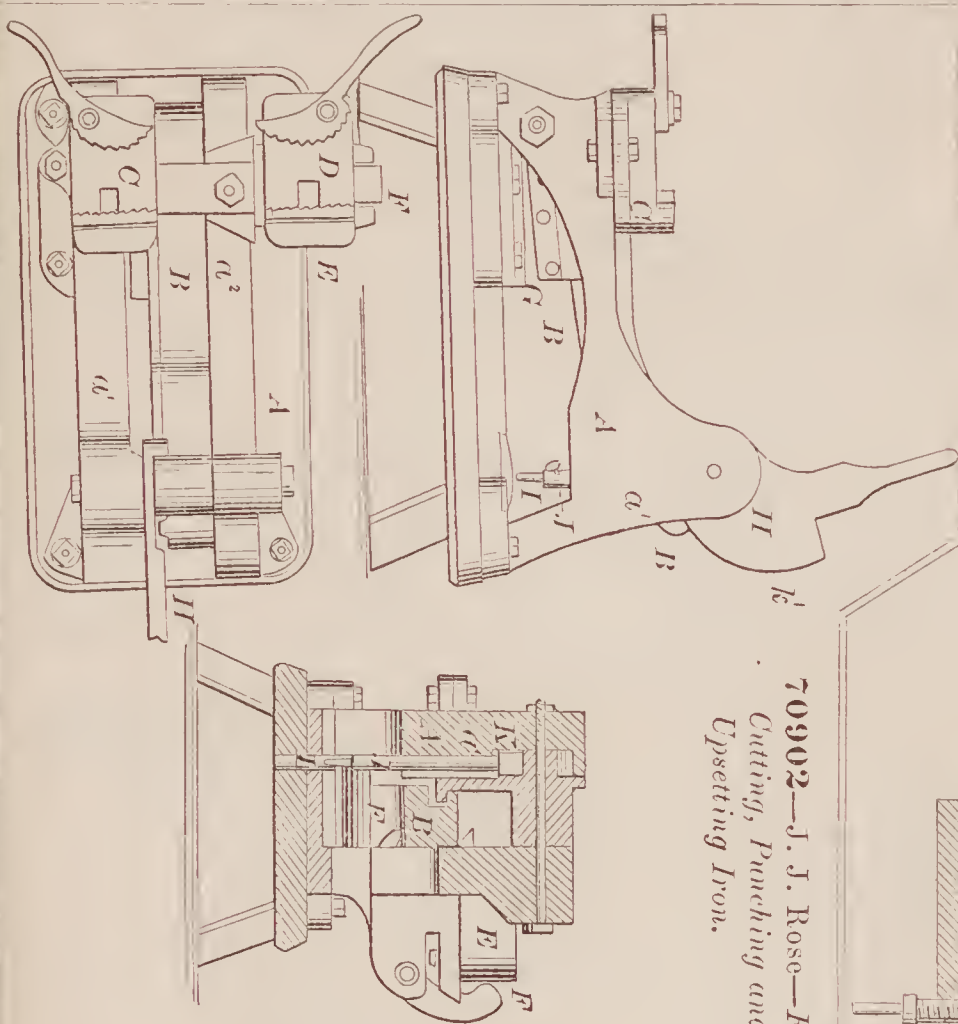
70899—D. W. Rawson—*For Tethering Animals.*



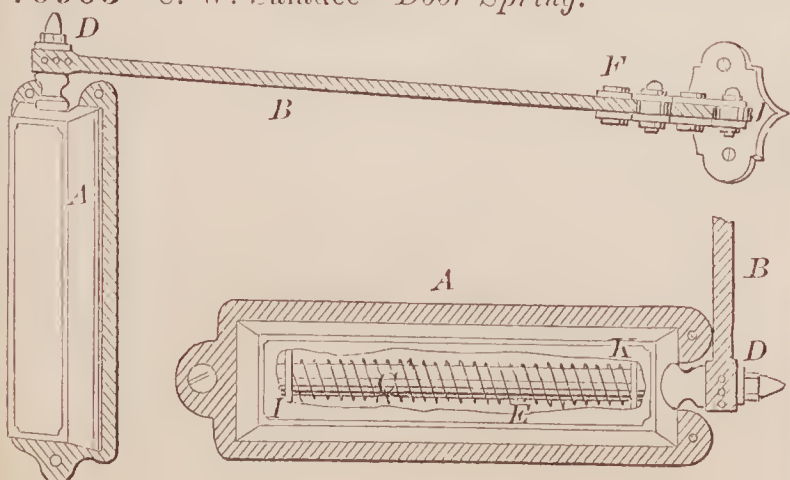
70901—O. H. P. Robinson—
Carpenter's Square.

70900—T. A. Read—*Tobacco Press*.

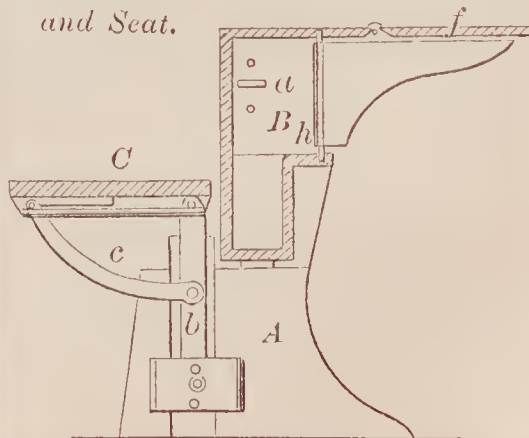
70902—J. J. Rose—*For Cutting, Punching and Upsetting Iron.*

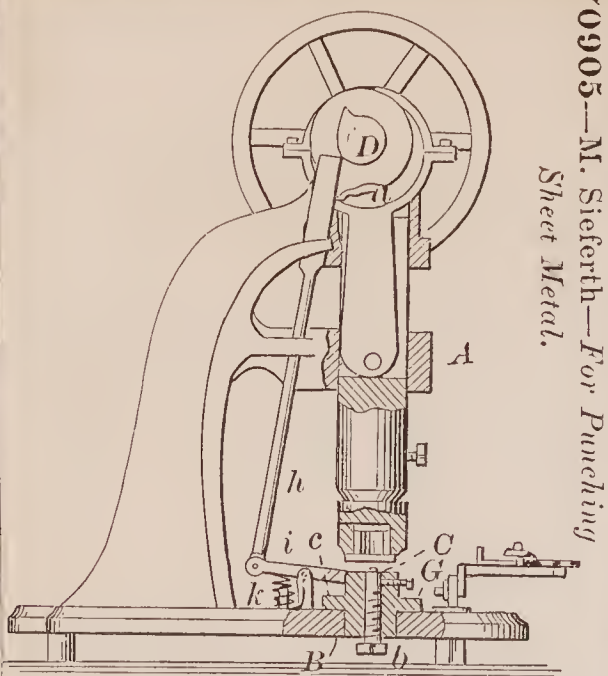


70903—C. W. Saladec—*Door Spring*.



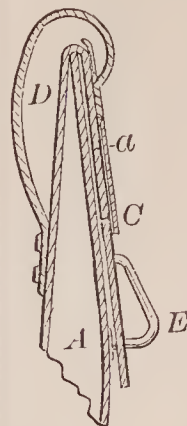
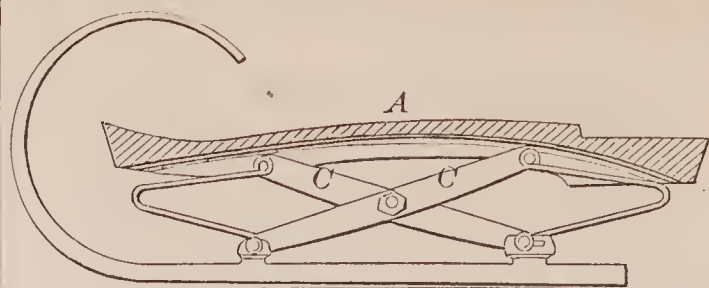
70904—J. P. Scott—*School Desk and Seat.* 



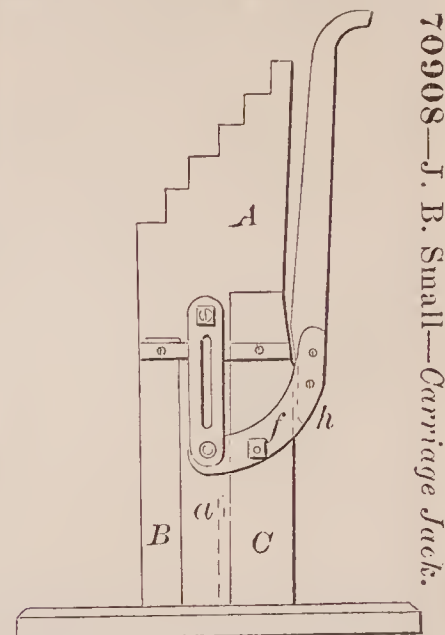


70905—M. Siefert—*For Punching Sheet Metal.*

70906—G. W. Shearer—*Skate.*

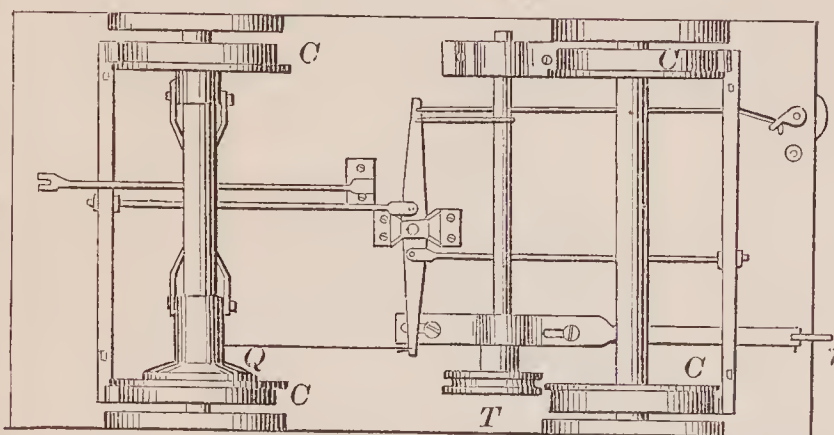
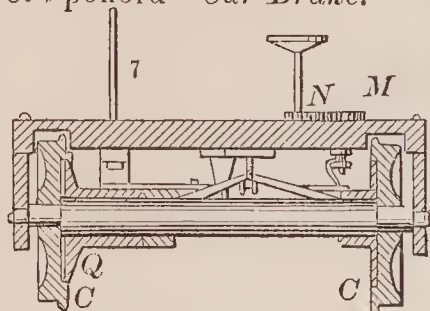


70907—L. M. Sims—*Mail Bag.*

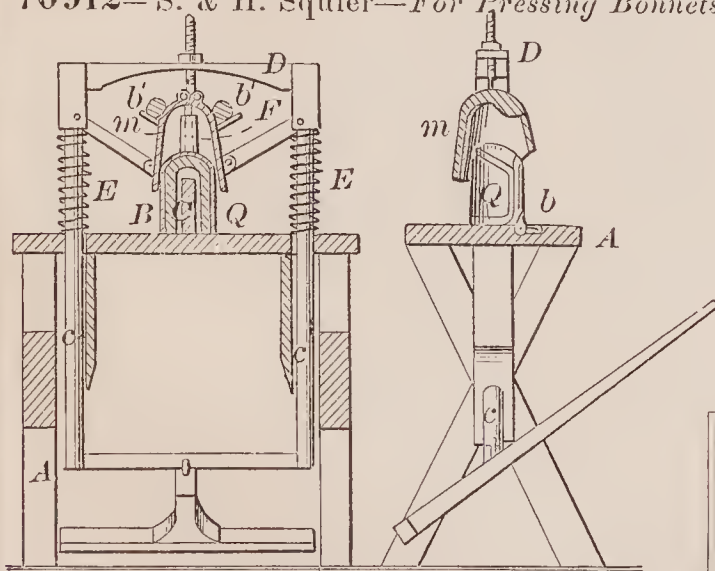


70908—J. B. Small—*Carriage Jack.*

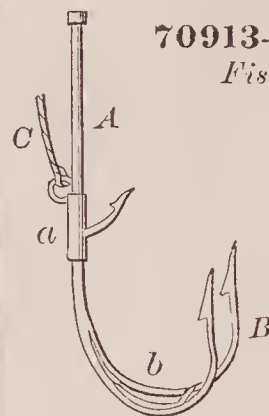
70911—C. Spofford—*Car Brake.*



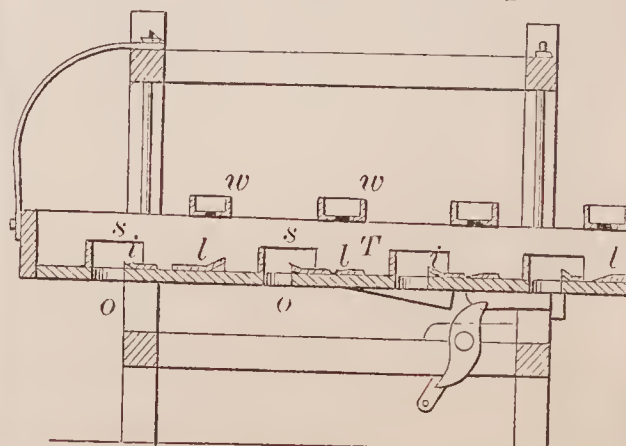
70912—S. & H. Squier—*For Pressing Bonnets.*



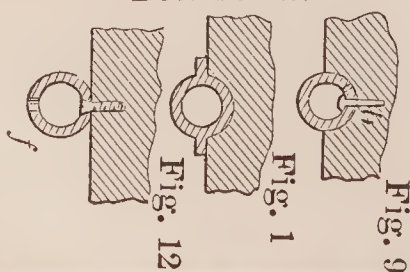
70913—E. Sterling—*Fish Hook.*



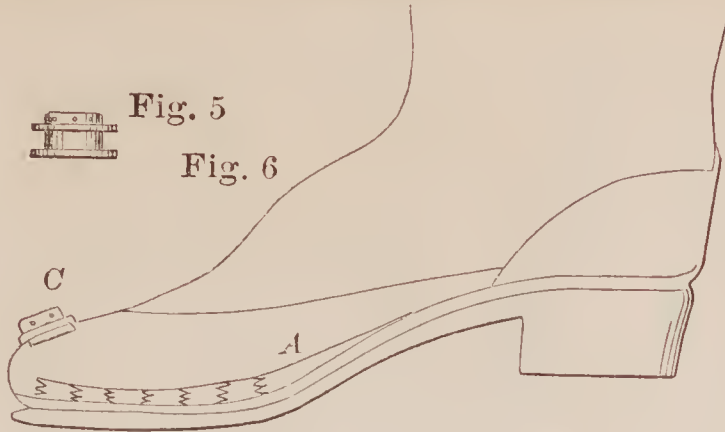
70914—W. C. Stiles—*Gold Separator.*



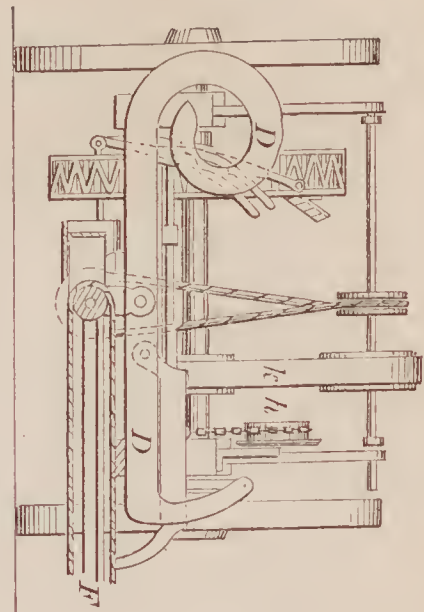
70910—D. E. Some—*Packing for Door Joints.*



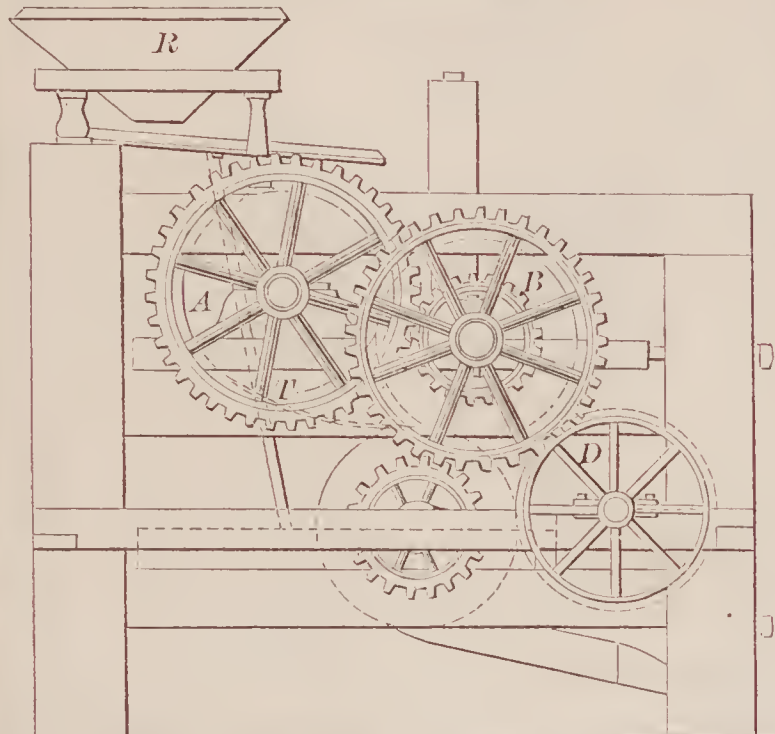
70915—A. Stocker—*Ventilating Boots and Shoes.*



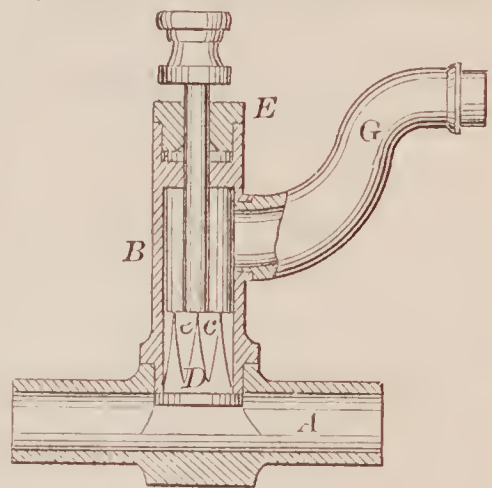
70918—A. W. Tucker—*Harvester.*



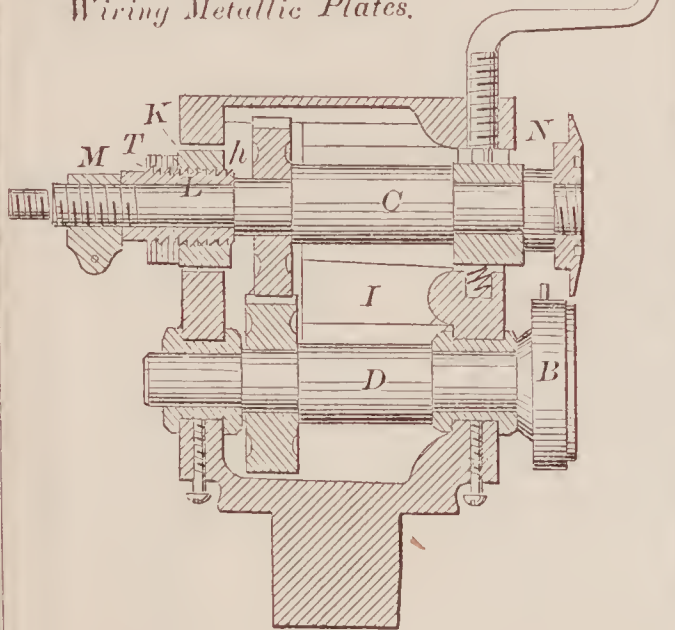
70916—G. M. Stone—*Grinding Mill.*



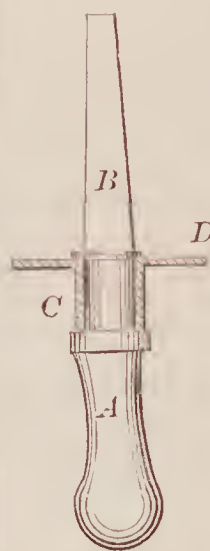
70919—J. E. Tucker—*Faucet.*



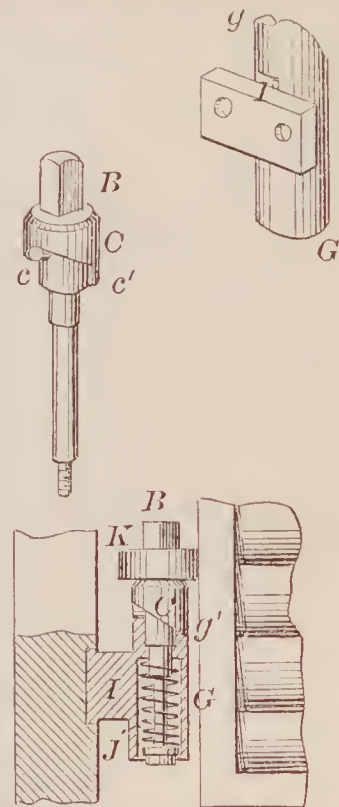
70917—O. W. Stow—*For Flanging and Wiring Metallic Plates.*



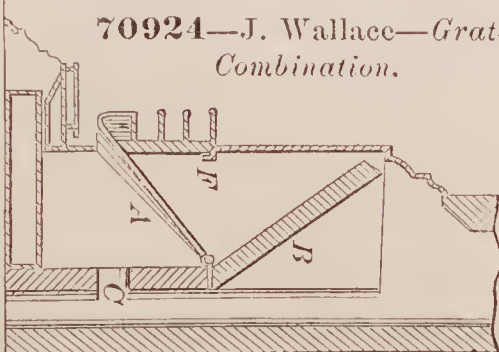
70923—T. D. Voorhees—*Screw Driver.*



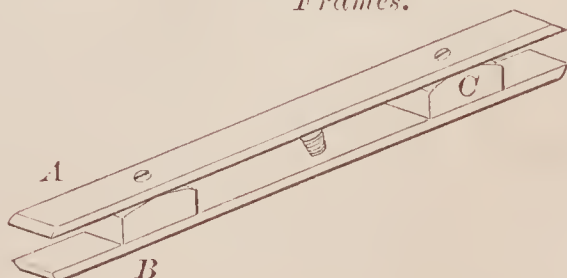
70921—C. Vetter—*Self-Closing Hinge.*

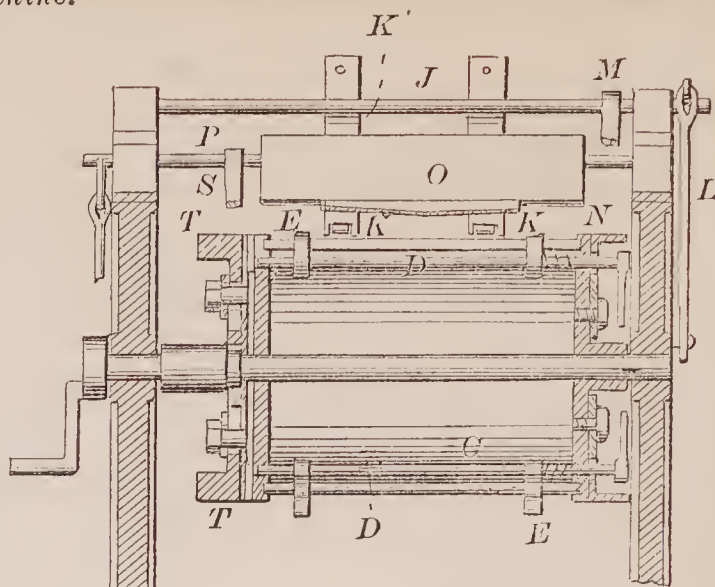
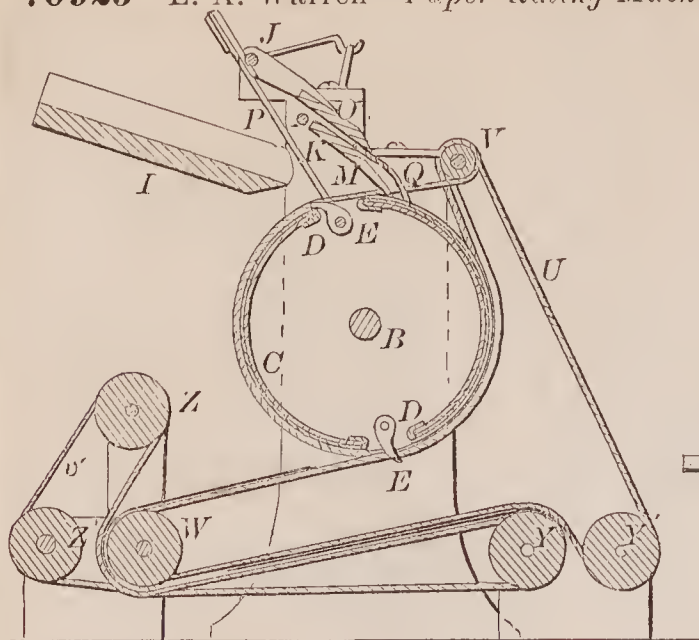
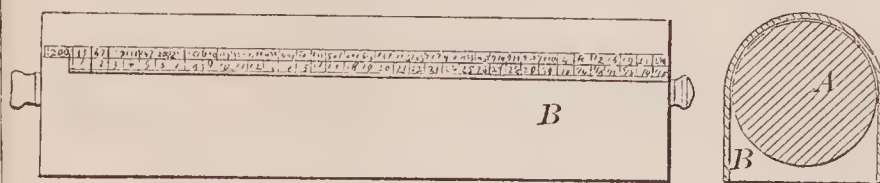
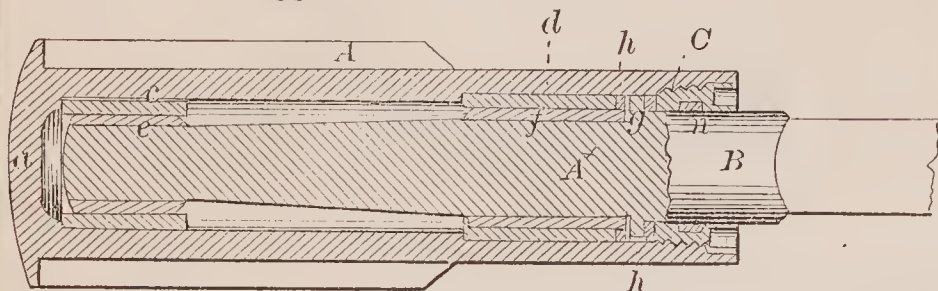
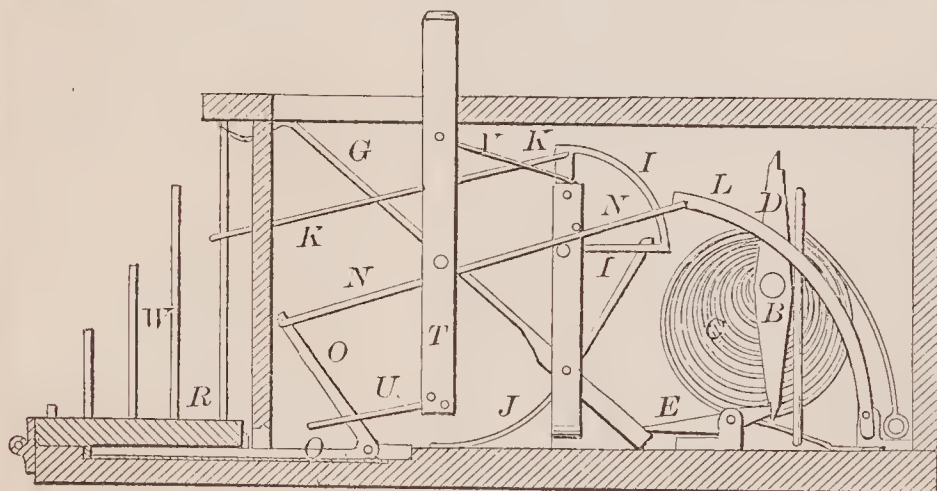
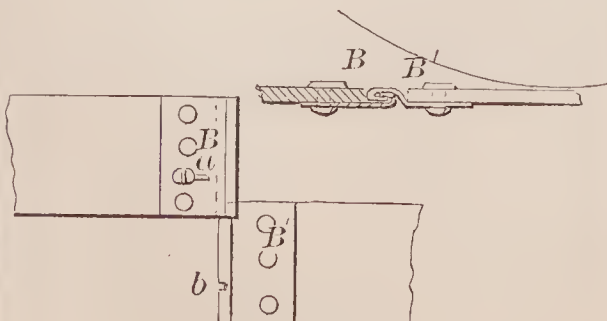
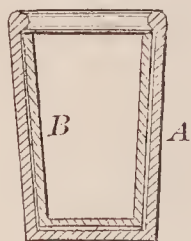
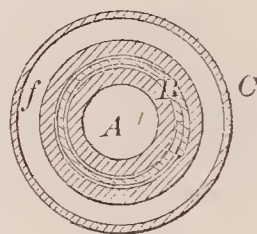
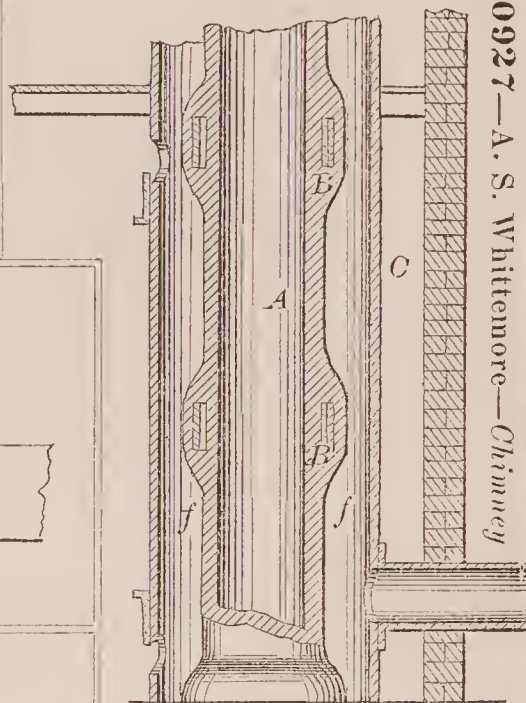
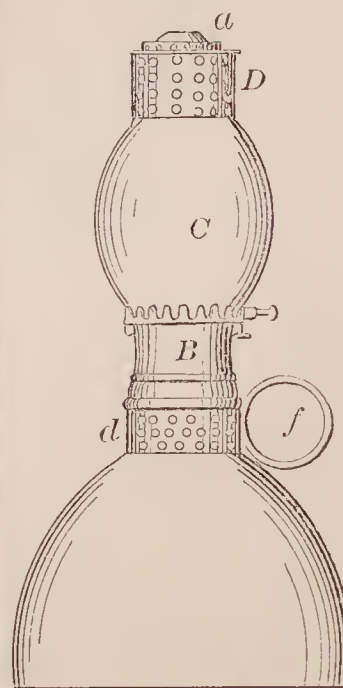


70924—J. Wallace—*Grate Combination.*

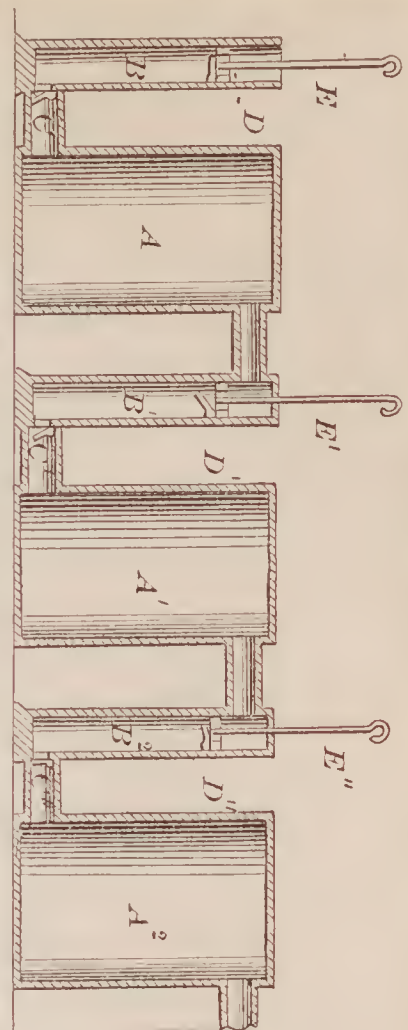


70922—A. S. Villec—*Clamp for Harness Frames.*

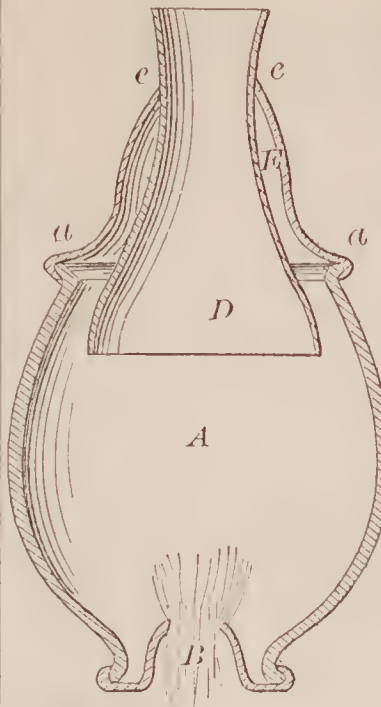


70925—E. A. Warren—*Paper Ruling Machine.*70926—W. N. White—*Wages Indicator.*70928—D. Wigger—*Axle and Axle Box.*70929—A. Wilkin—*Self-Setting Game Trap.*70930—D. Wigger—*Belt Fastener.*70932—J. E. Zender—*Dice Box.*70927—A. S. Whittemore—*Chimney*70931—M. B. Wright—*Lantern.*

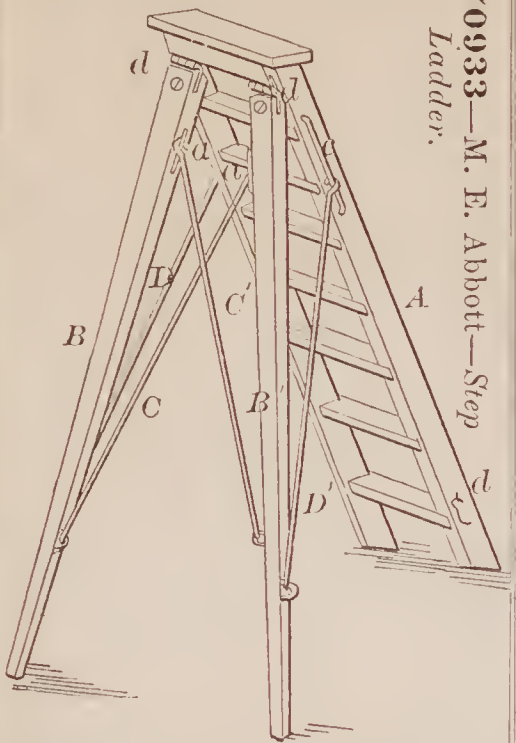
70934—O. Abruzzo—*For Condensing Air.*



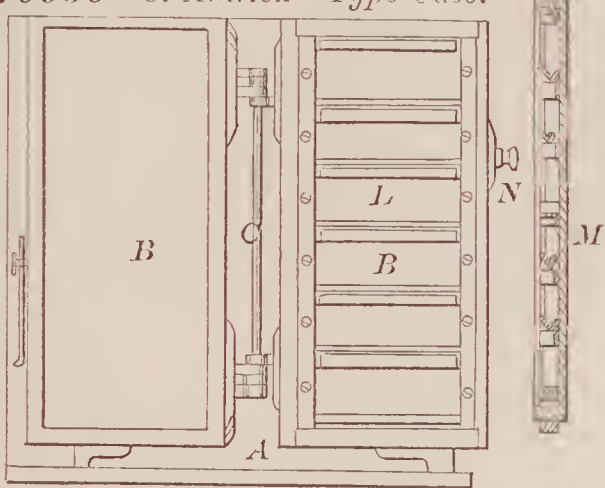
70935—E. R. Addison—*Lamp Chimney.*



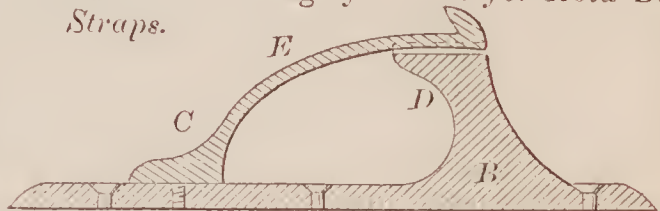
70933—M. E. Abbott—*Step Ladder.*



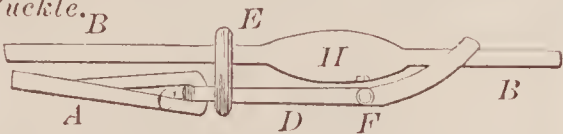
70936—C. Aldrich—*Type Case.*



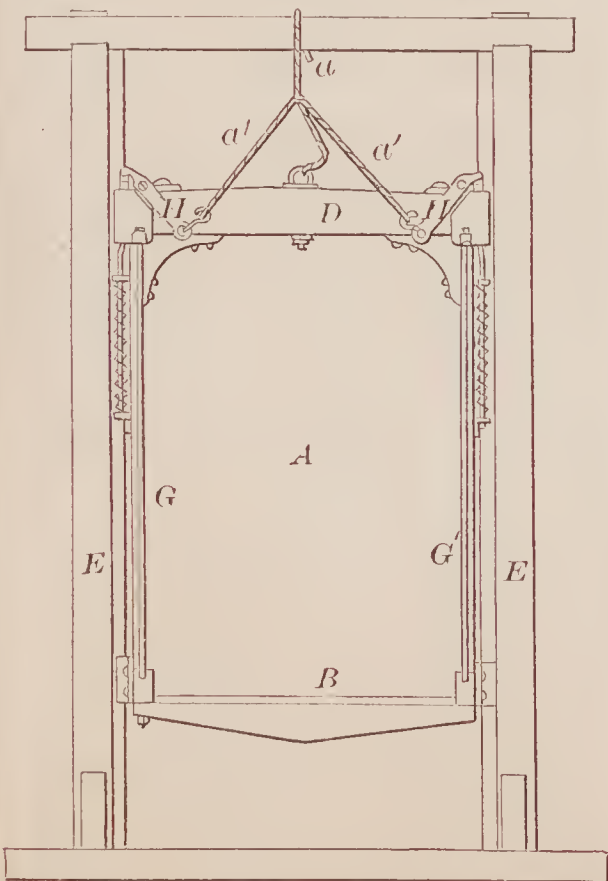
70938—W. A. Bagley—*Hook for Hold-Back Straps.*



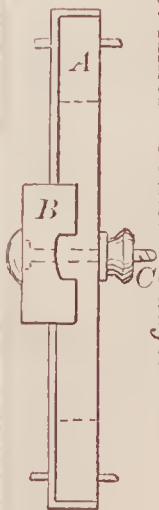
70940—Bailey & Nichols—*Harness Buckle.*



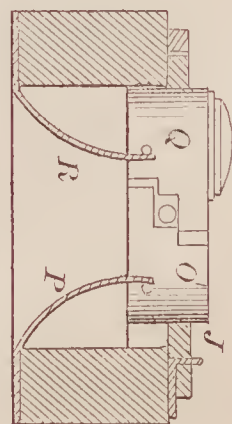
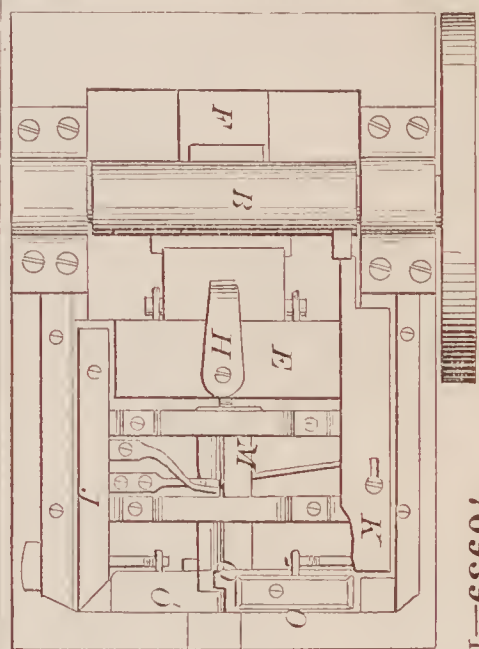
70941—C. W. Baldwin—*Elevator.*



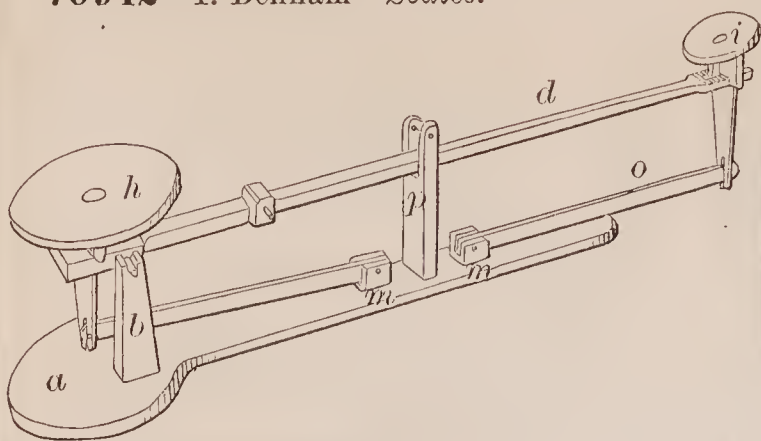
70937—M. C. Ames—*Joiner's Gauge.*



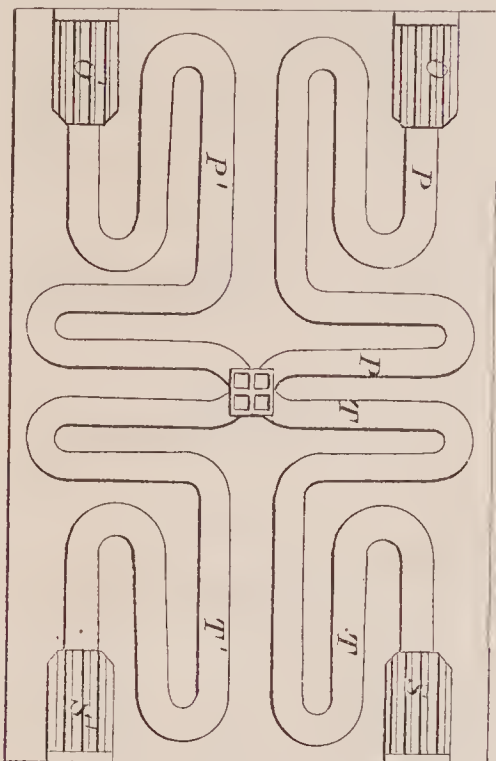
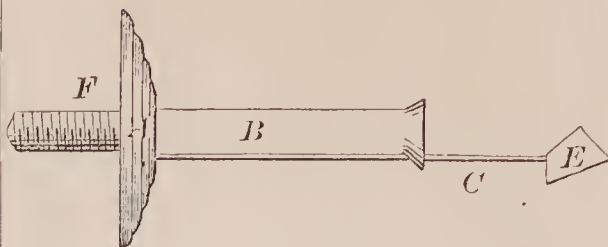
70939—Bailey & Knowles—*Bolt Machine.*



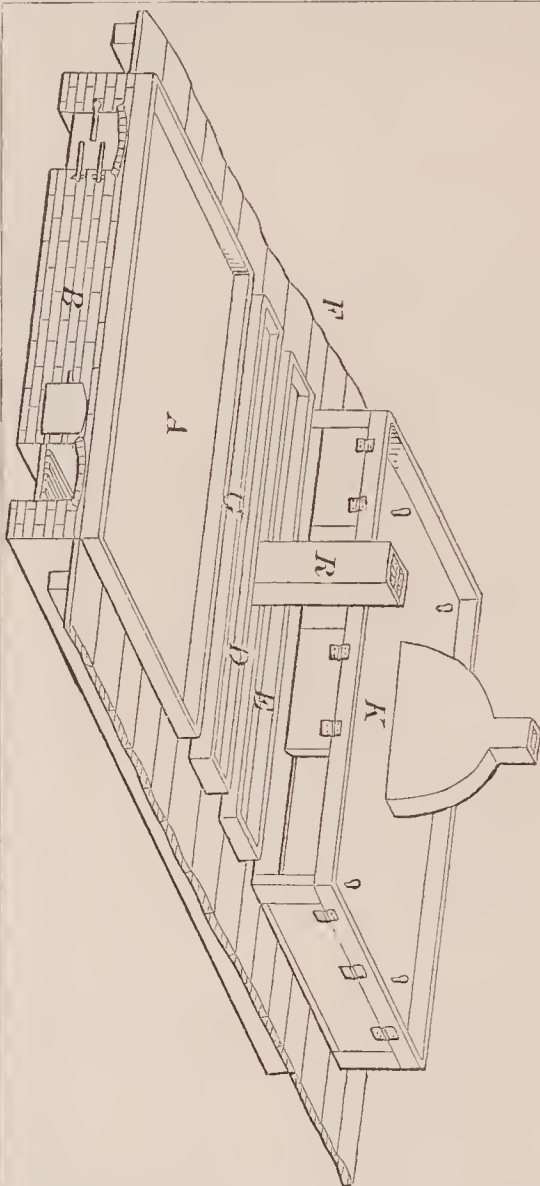
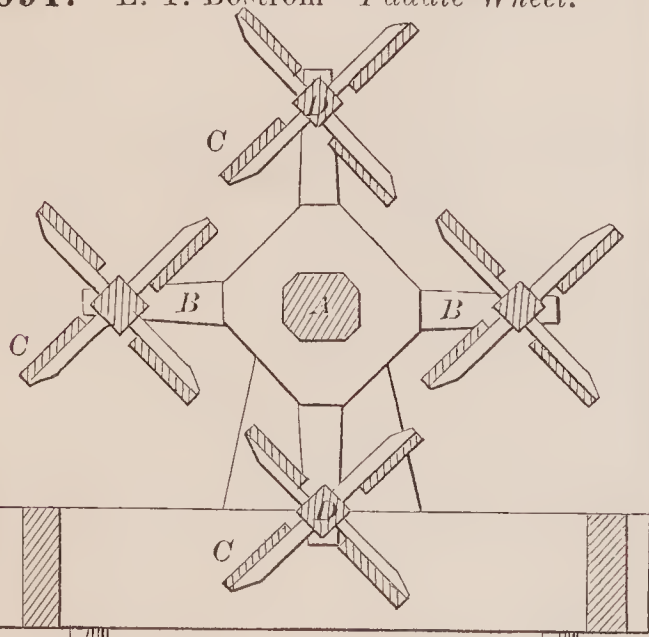
70942—I. Benham—Scales.



70945—A. Blood, Jr.—Door Catch.

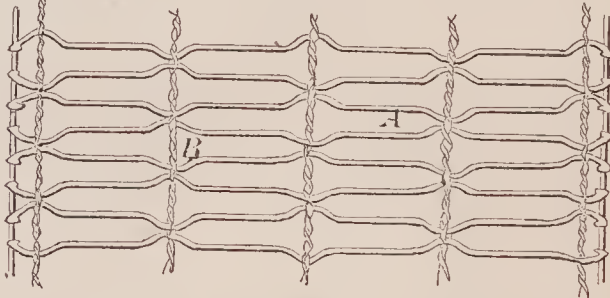


70947—E. T. Bostrom—Paddle Wheel.

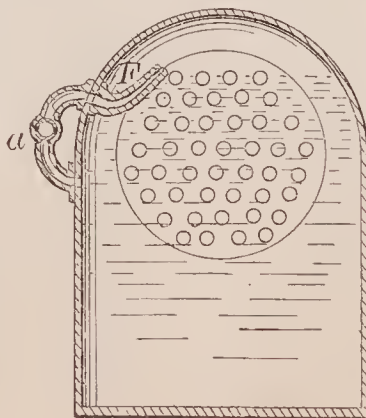
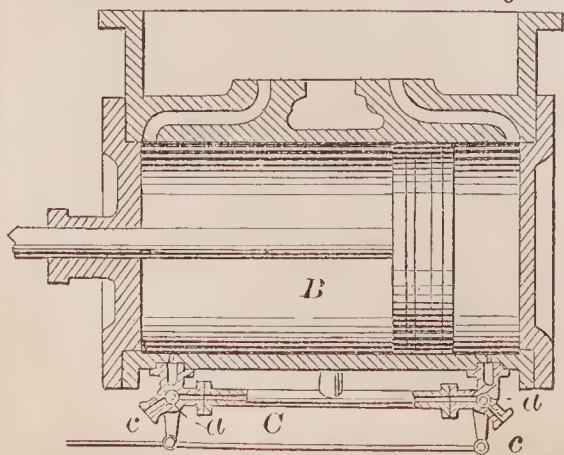


70943—H. Beschke—For Manufacture of Salt.

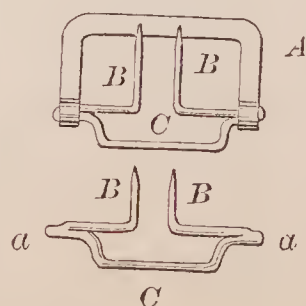
70946—W. R. Boerner—Wire Work.



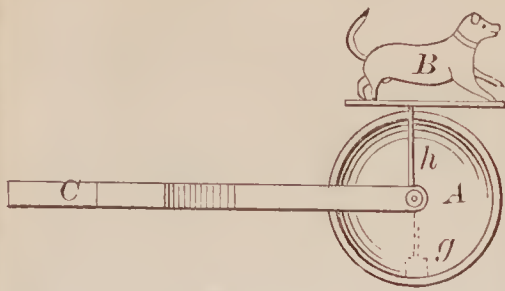
70948—E. Bourson—Steam Engine.



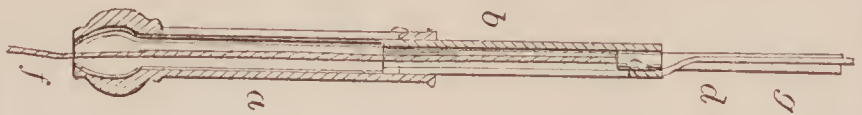
70944—E. C. Blakeslee—Buckle.



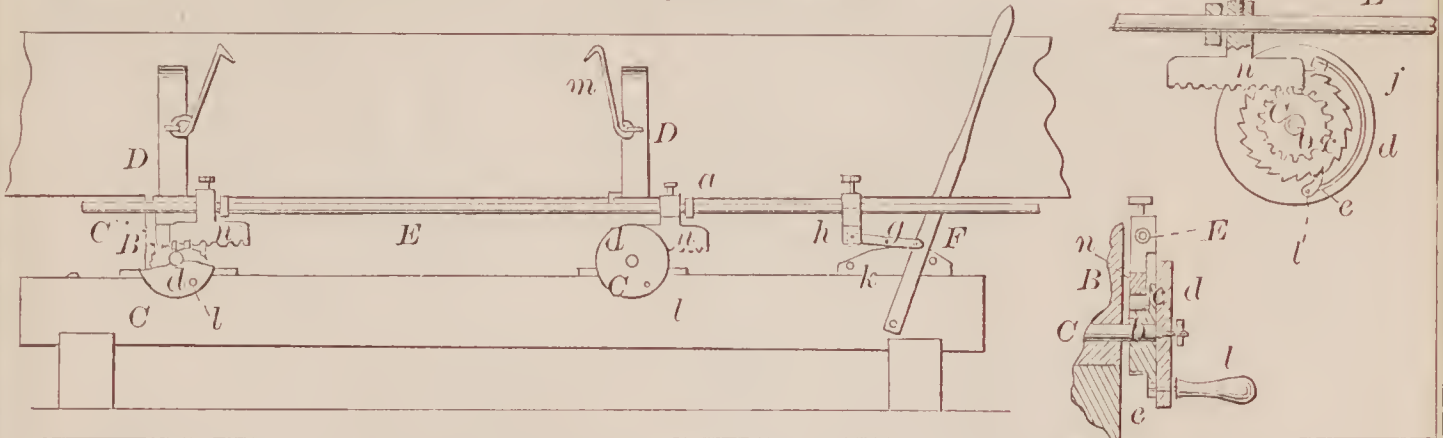
70949—G. W. Boynton—*Toy.*



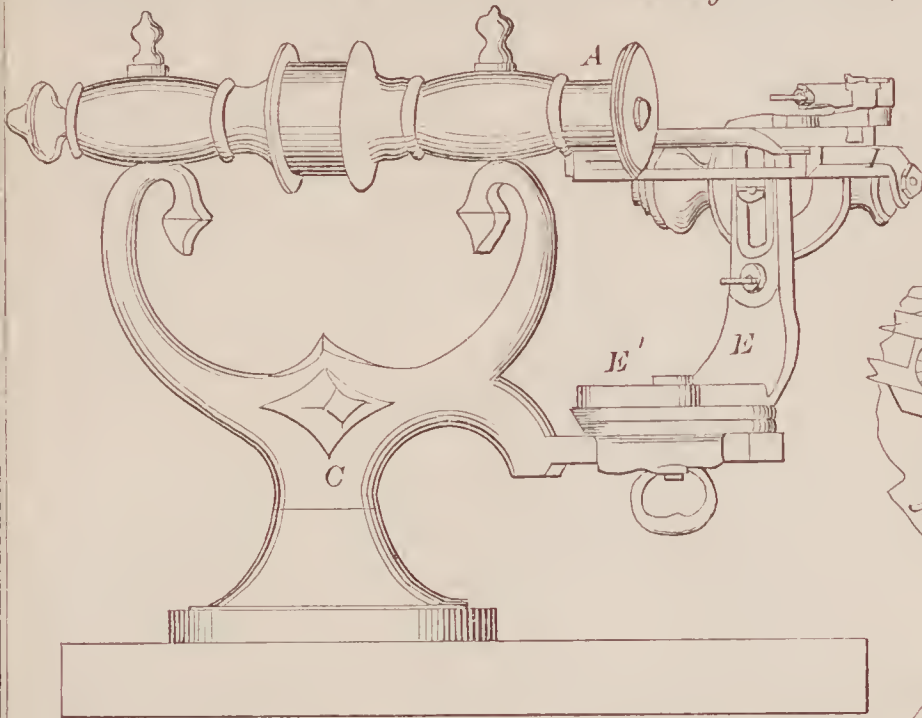
70952—O. Brück—*Fan.*



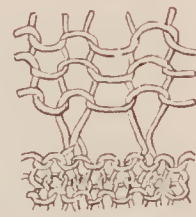
70950—C. H. Brookbank—*Head Block for Saw Mills.*



70951—I. S. & C. N. Brown—*For Grinding Saw Teeth.*



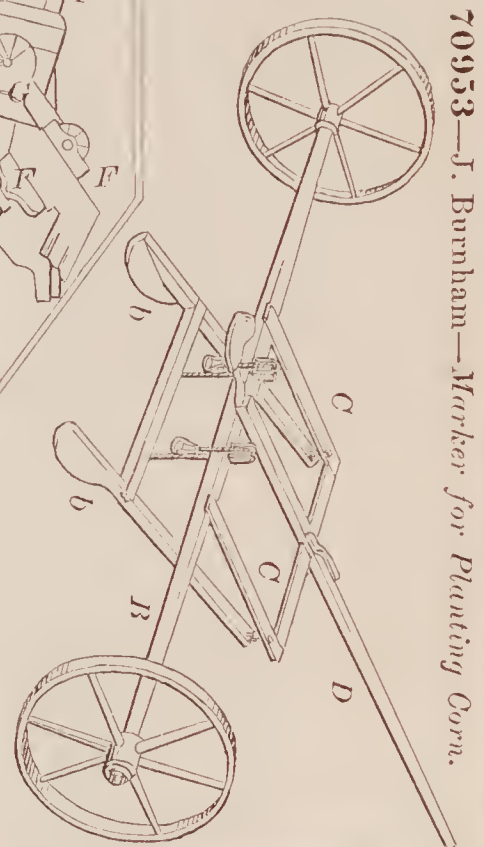
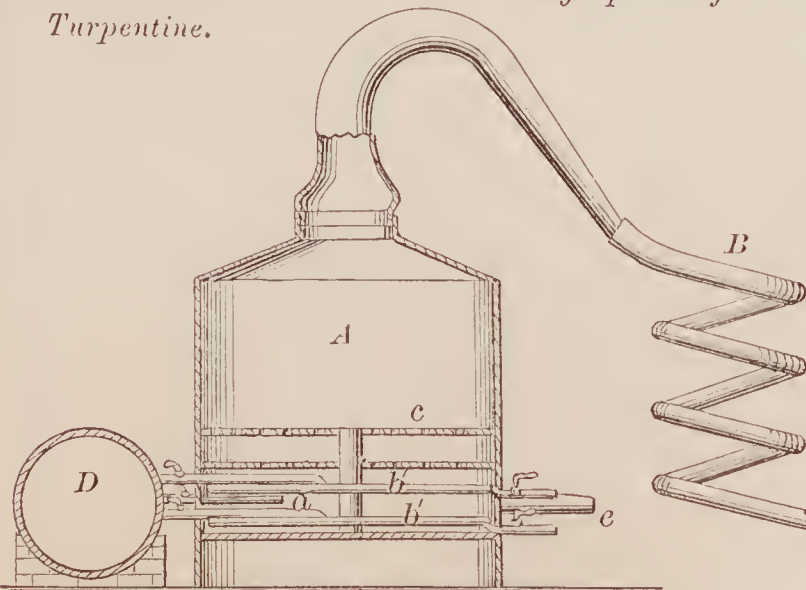
70955—J. & J. Cash, Jr.—*Towel.*



70954—I. Carman—*Horse Shoe.*

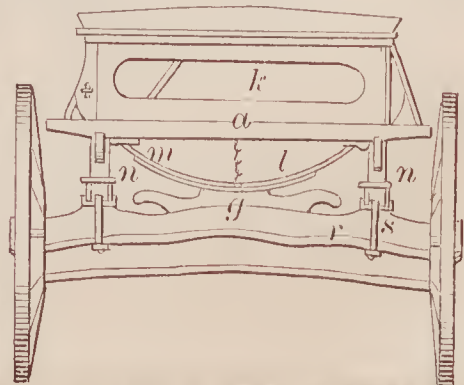


70956—D. Cashwell—*For Distilling Spirits of Turpentine.*

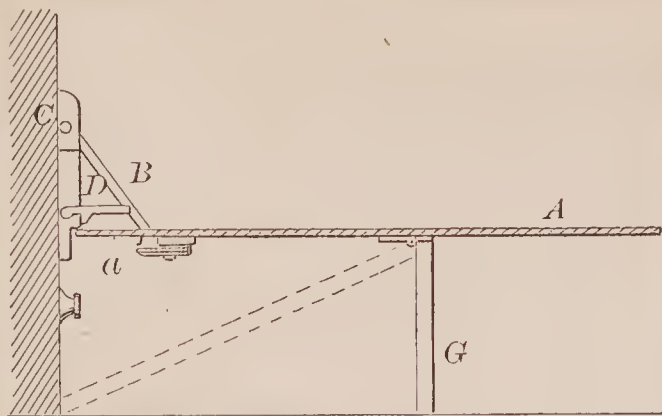


70953—J. Burnham—*Marker for Planting Corn.*

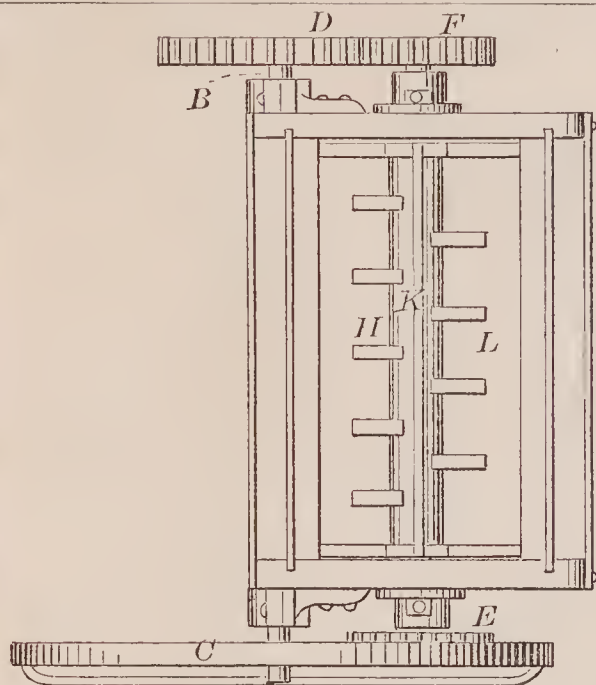
70957—S. Chamberlin—*Wagon.*



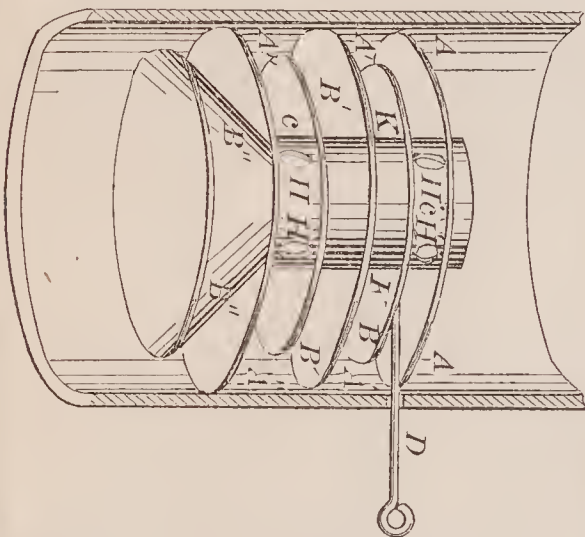
70958—A. A. Chittenden—Ironing Table.



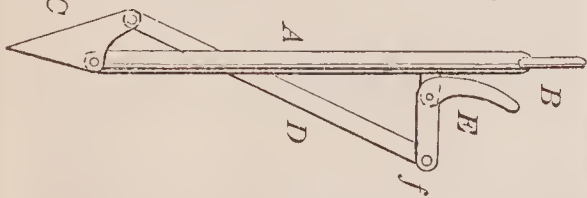
70959—C. Colby—Churn.



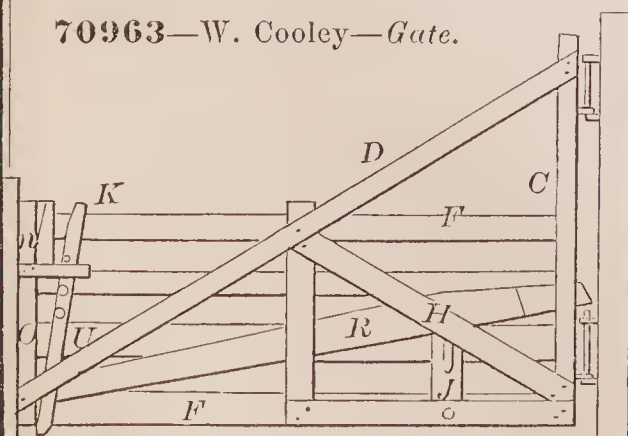
70961—J. Conner—Stove Pipe Drum.



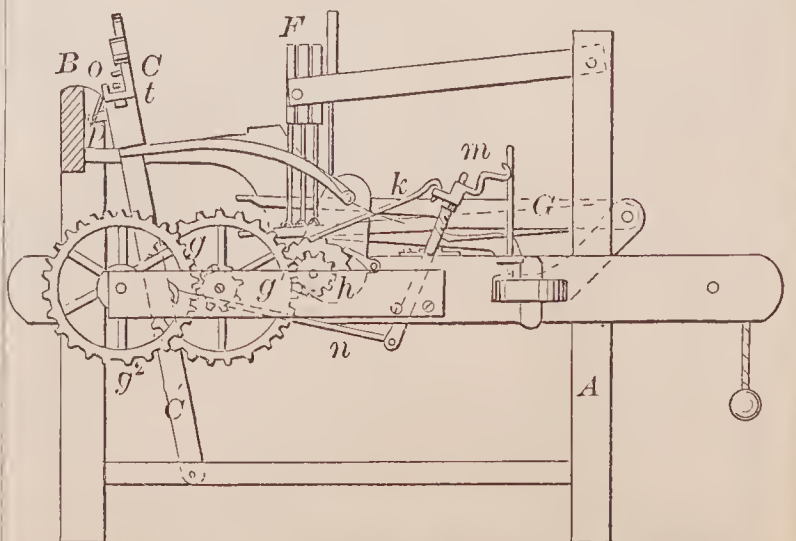
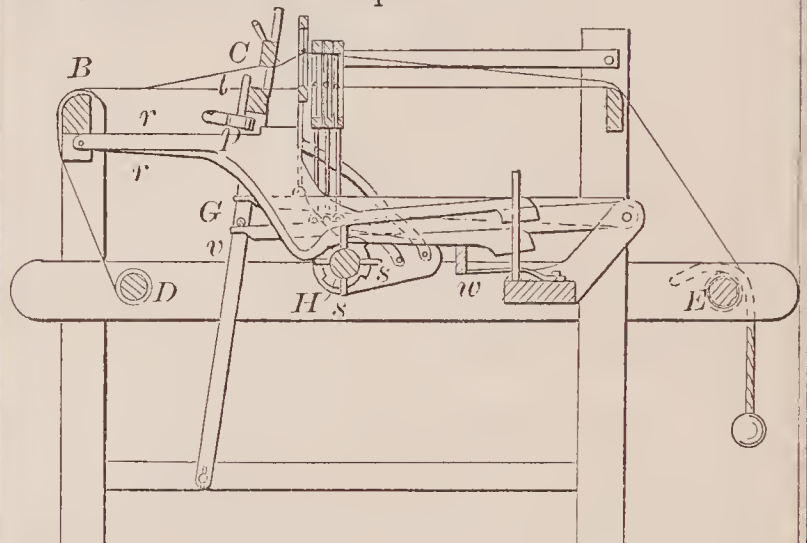
70962—A. J. Cook—Horse Hay Fork.



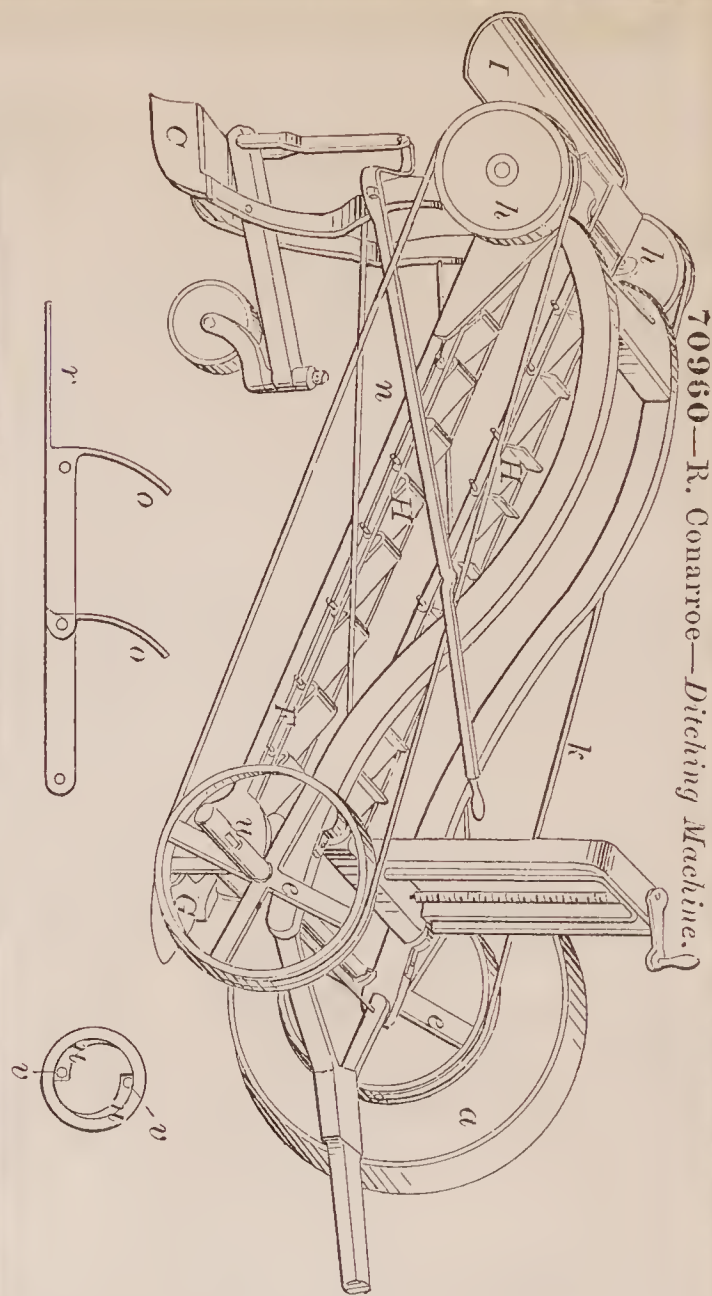
70963—W. Cooley—Gate.



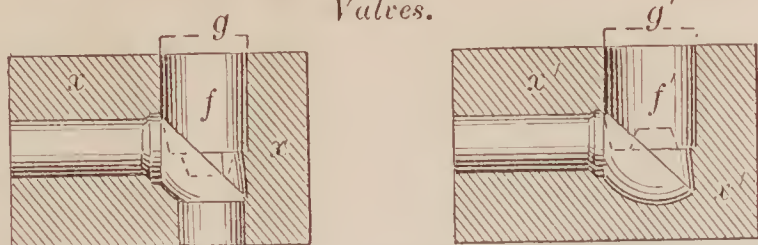
70964—H. M. Cooper—Loom.



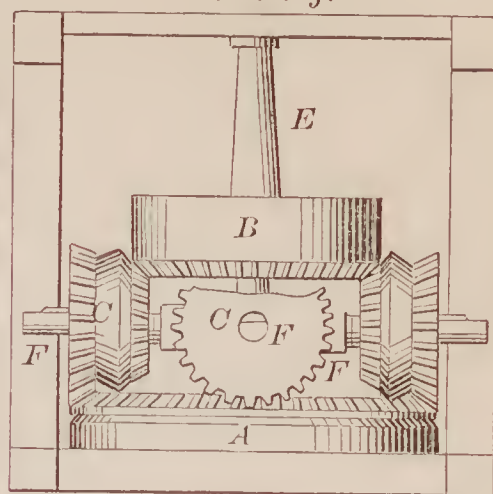
70960—R. Conarroe—Ditching Machine.



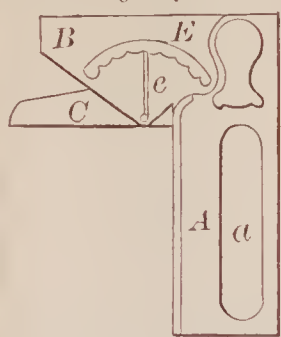
70965—J. M. Cooper—Mould for Casting Globe Valves.



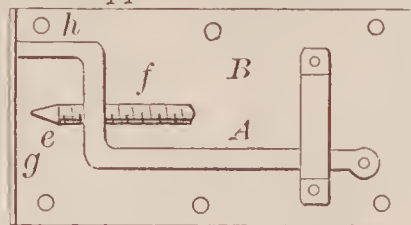
70970—J. C. Cunningham—Mill Gearing.



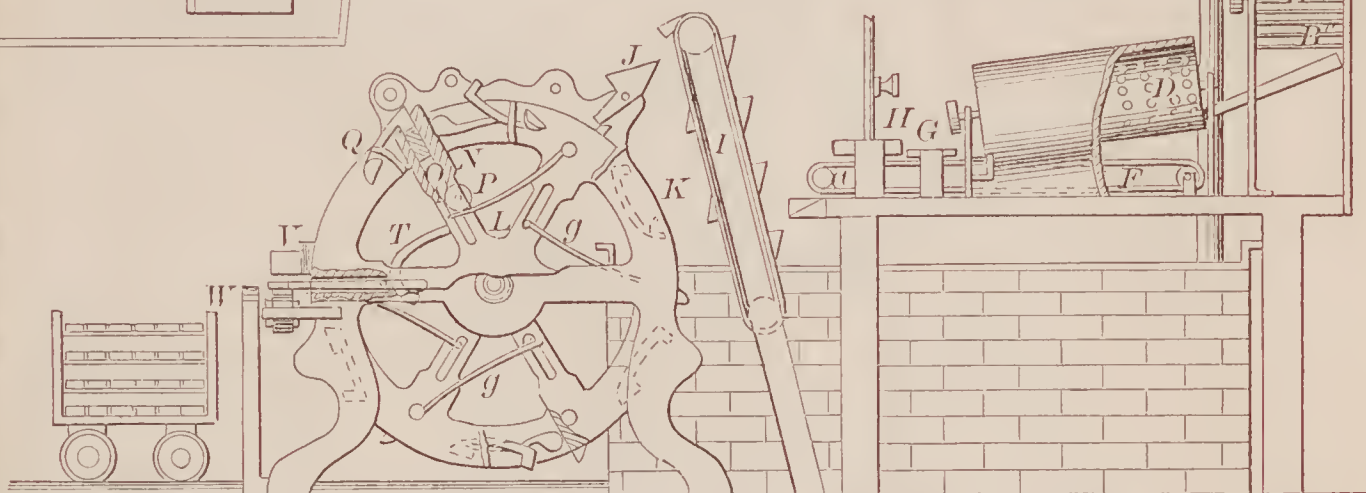
70966—J. E. Cowdery—Try Square.



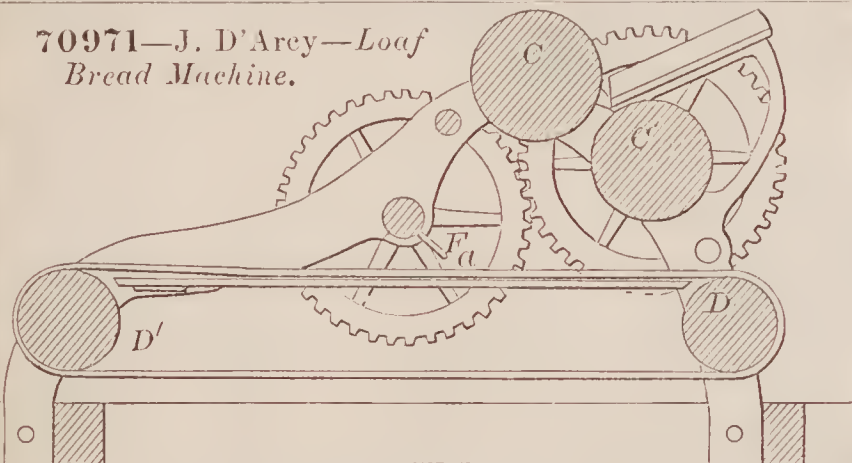
70968—Z. M. Crane—Tool Supporter or Rack



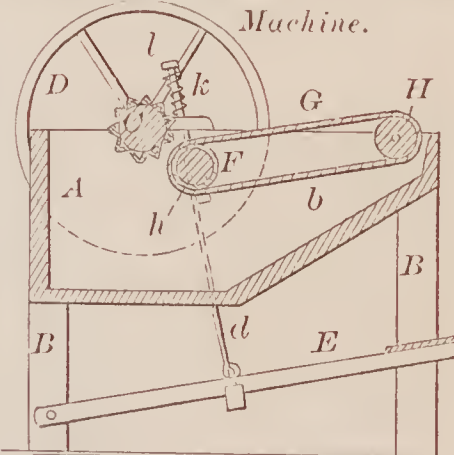
70969—E. W. Crittenden—Manufacturing Brick.



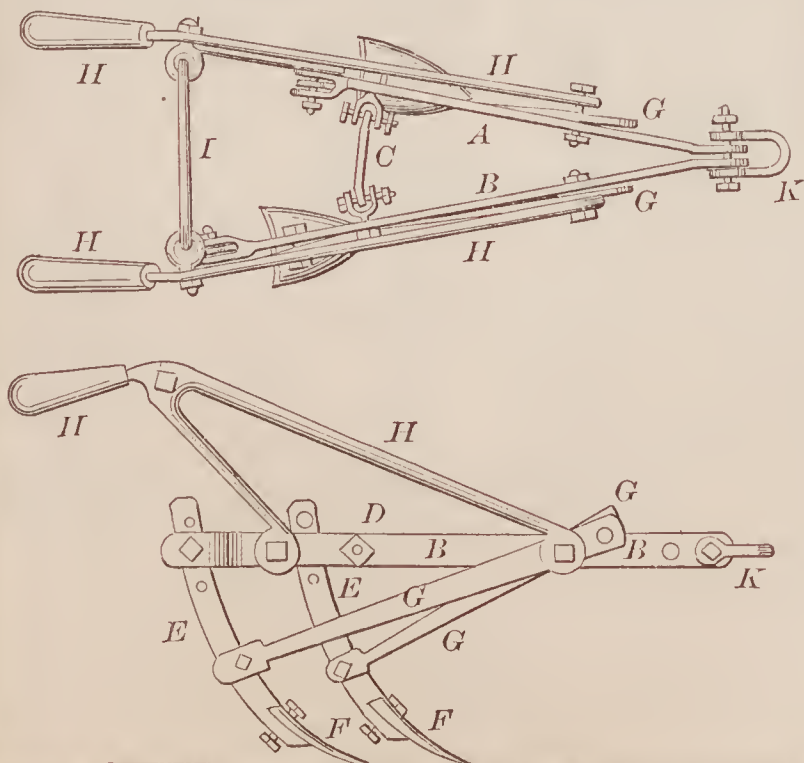
70971—J. D'Arcy—Loaf Bread Machine.



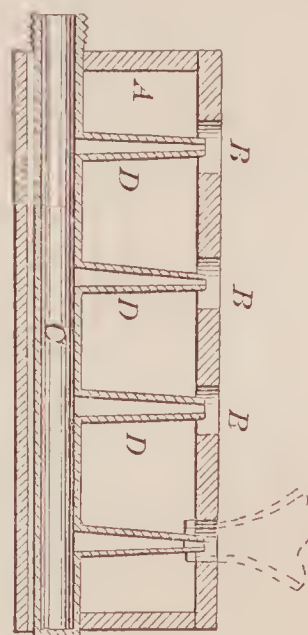
70967—W. W. Cox—Washing Machine.



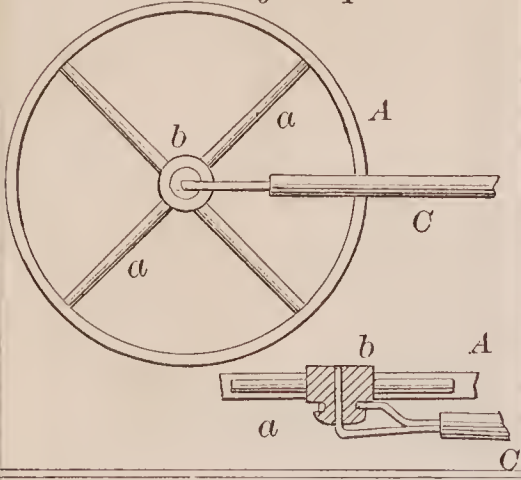
70972—J. R. Davis—Plow.



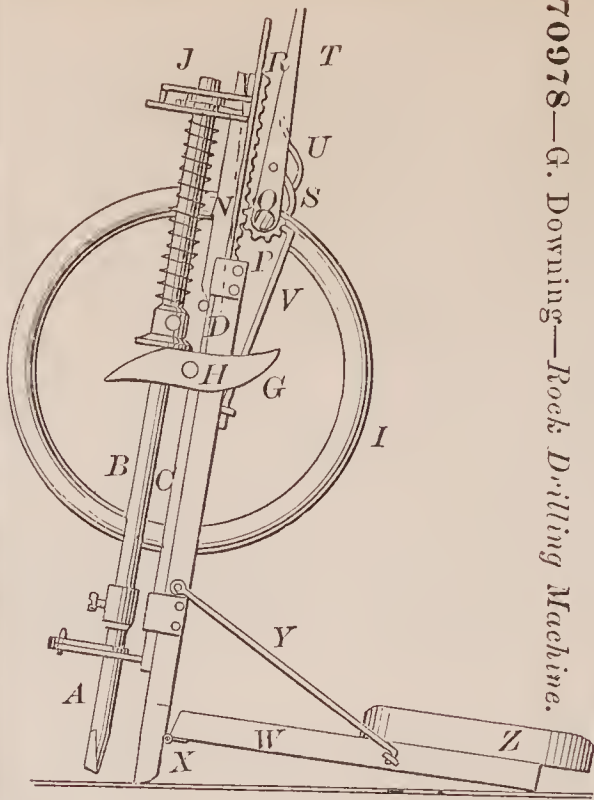
70973—H. B. Davison—Bottle Washer.



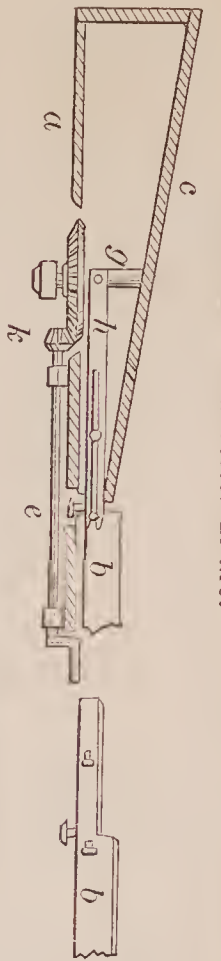
70974—J. G. De Coursey—
Trundling Hoop.



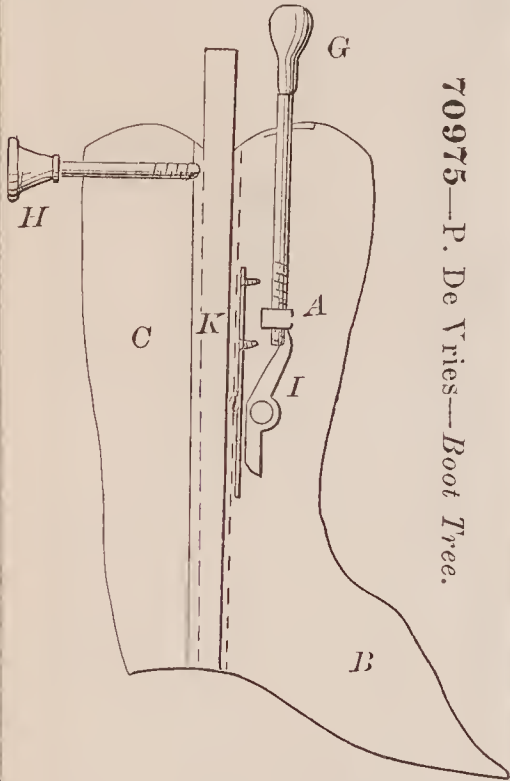
70978—G. Downing—*Rock Drilling Machine.*



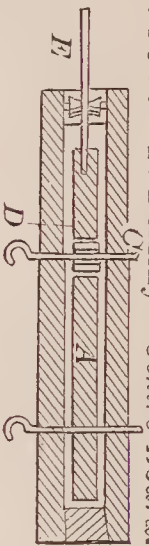
70976—W. P. Dillman—*Harvester Rake.*



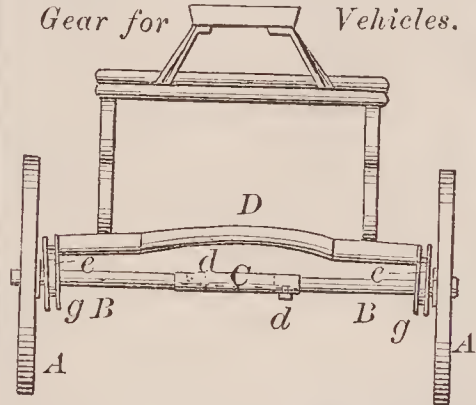
70975—P. De Vries—*Boot Tree.*



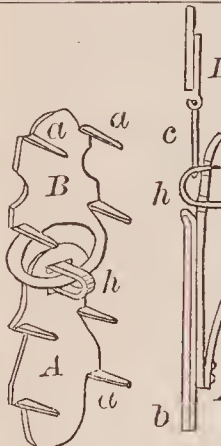
70977—F. Dorny—*Centre Board.*



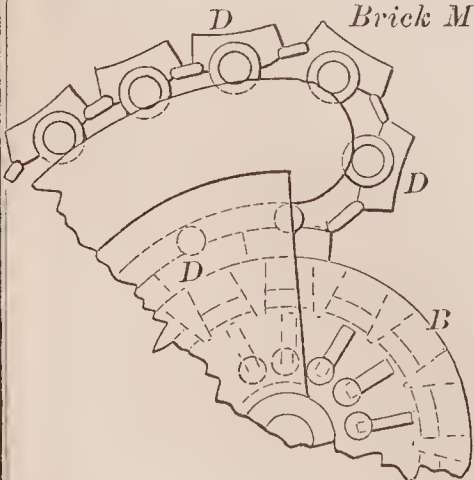
70980—S. J. Edwards—
Gear for Vehicles.



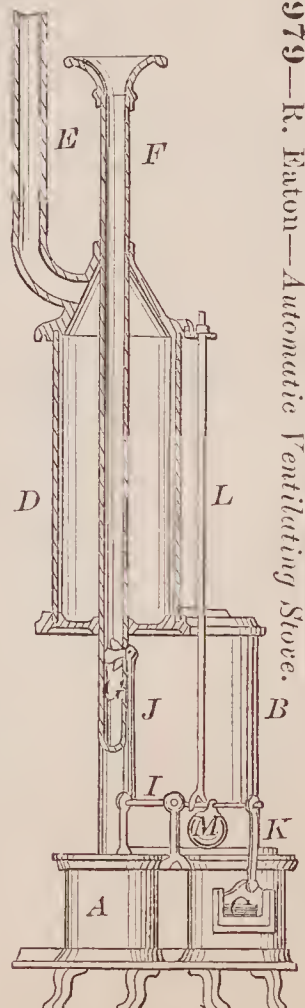
70982—W. H. Ferguson—
Safety Attachment for Pocket Books.



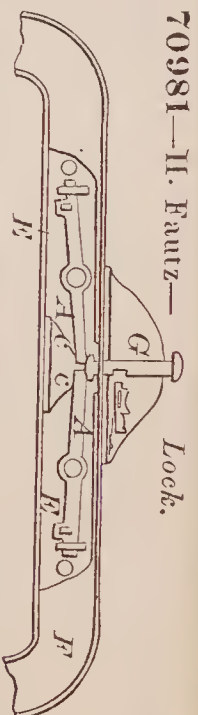
70983—G. B. Fisher—*Peat and Brick Machine.*



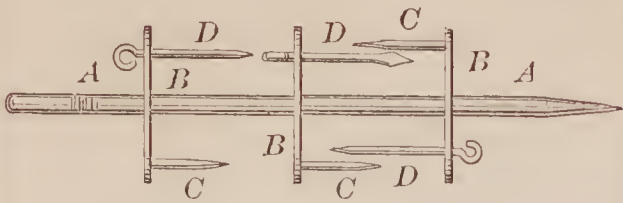
70979—K. Eaton—*Automatic Ventilating Stove.*



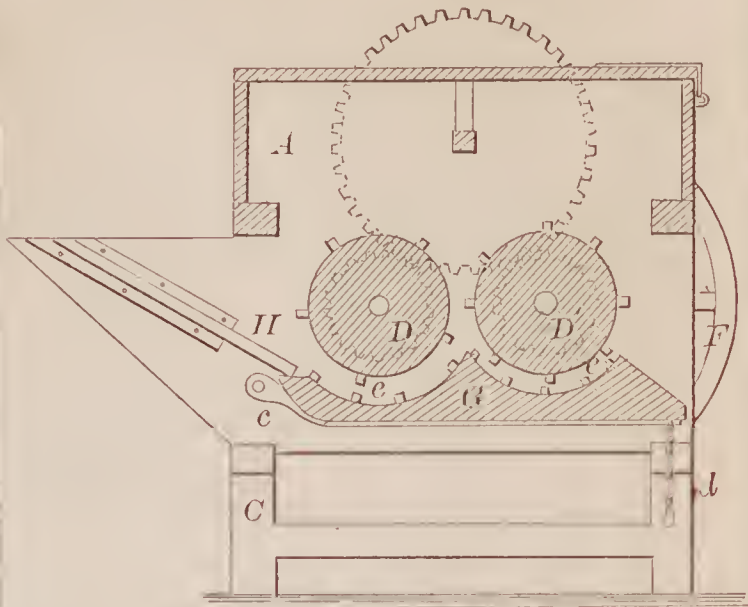
70981—H. Fautz—
Lock.



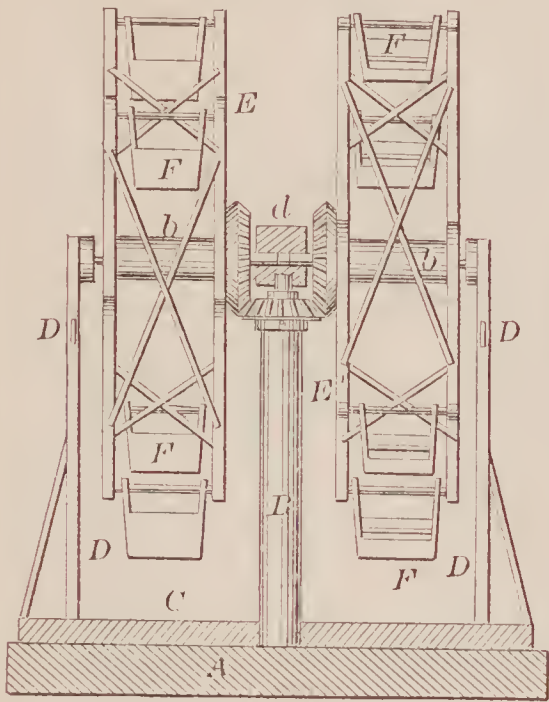
70984—P. Fisher—*Meat Spit.*



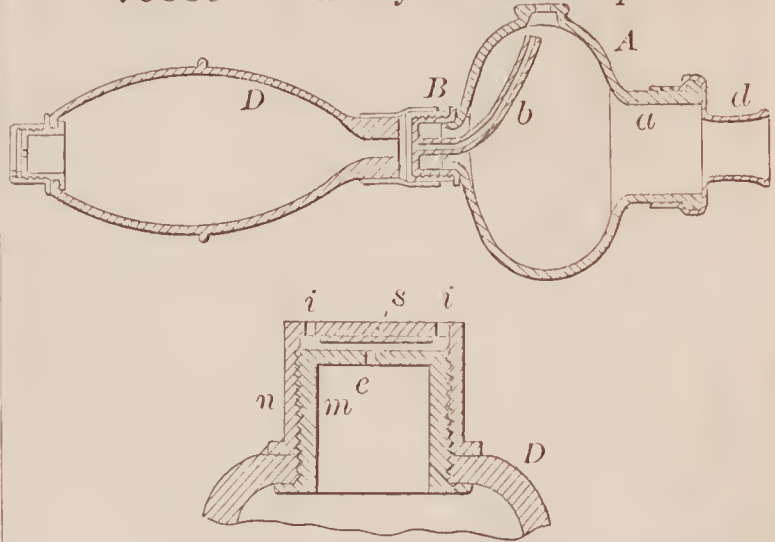
70987—F. Frey—*For Picking Hair.*



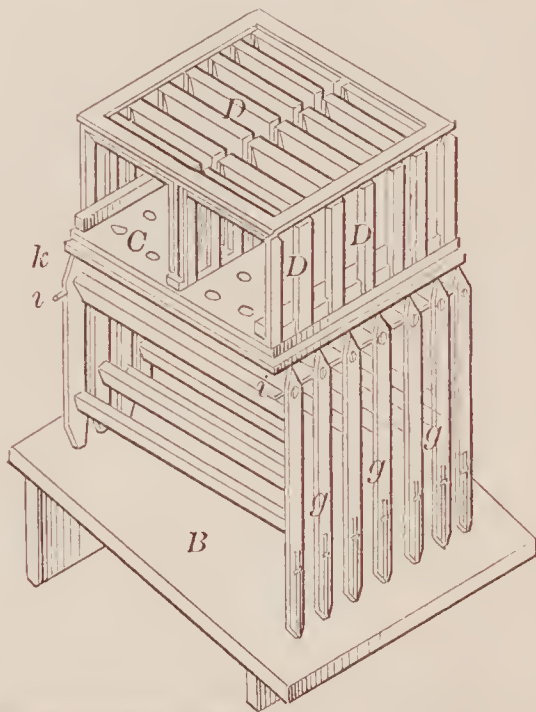
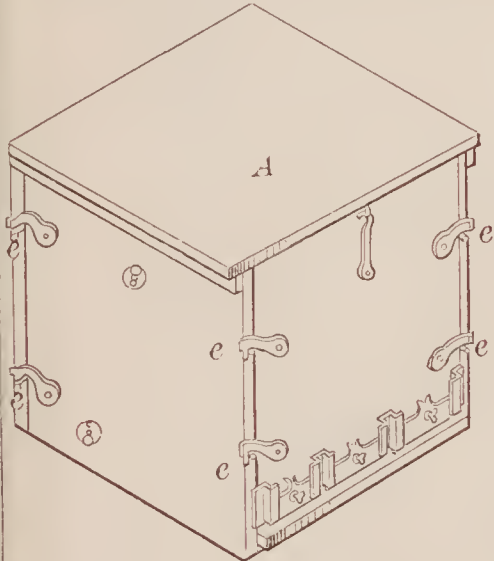
70985—L. N. Forrester—*Rotary Swing.*



70988—W. T. Fry—*Breast Pump.*

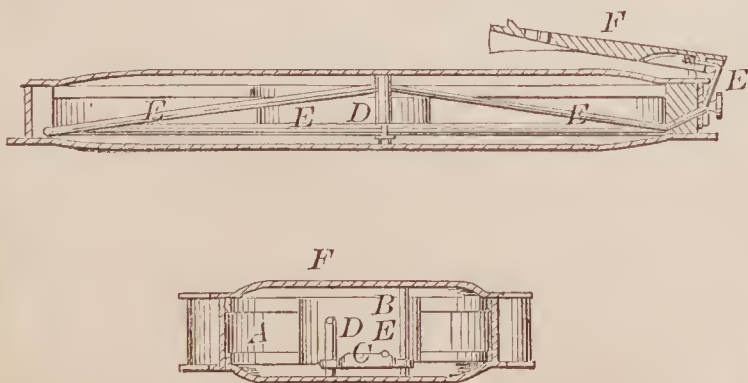


70989—J. Gatschets—*Beehive.*

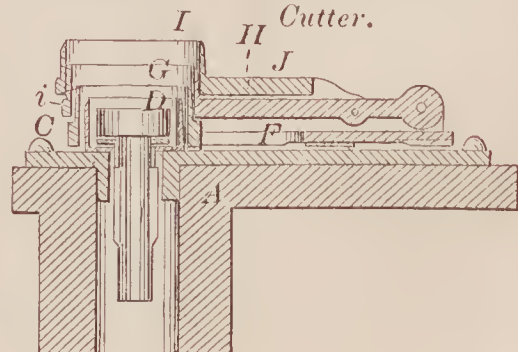


70986—Fox & Hall—*Bottle Stopper.*

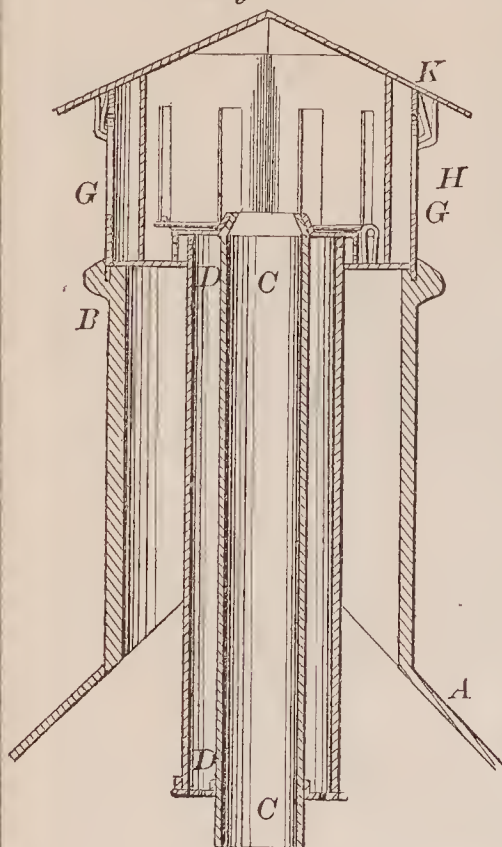
70991—G. Gemünder—*Bow Instrument.*



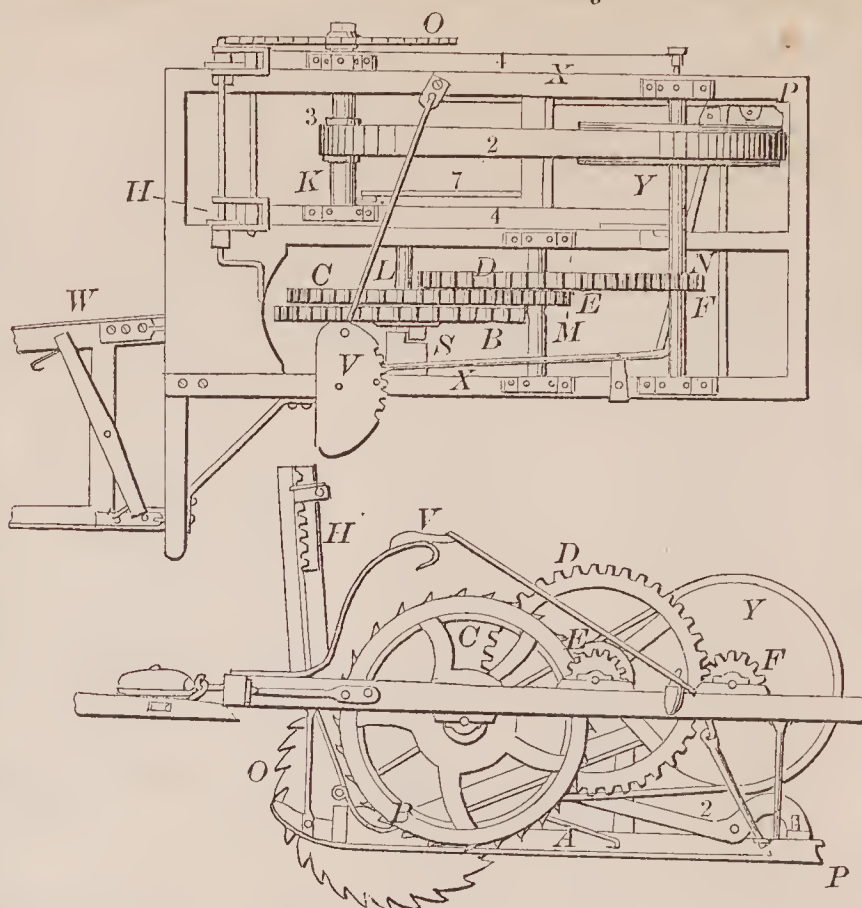
70992—B. F. Goddard—*Boot Heel Cutter.*



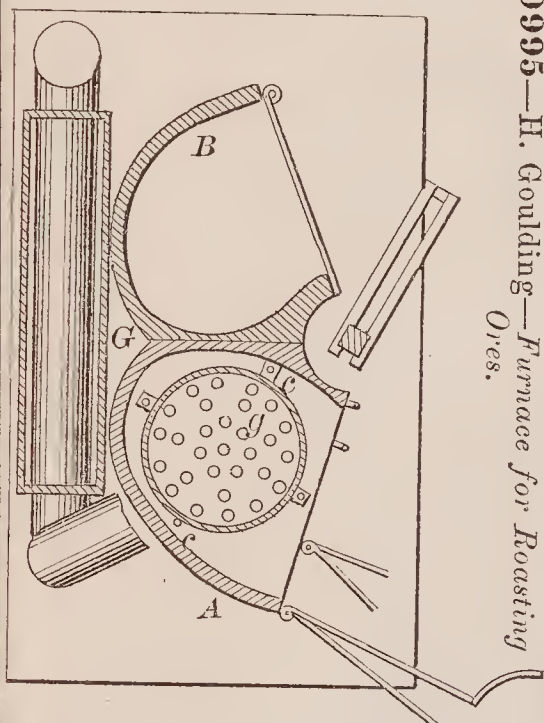
70993—B. J. Goodsell—*Chimney Cowl.*



70994—W. F. Gordon—*Ice Cutting Machine.*



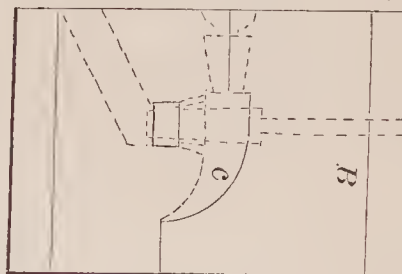
70995—H. Goulding—*Furnace for Roasting Ores.*



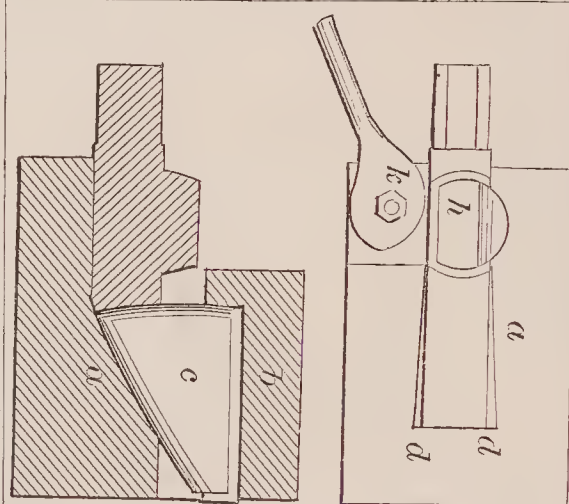
70996—S. S. Gray—*For Moulding Collars.*



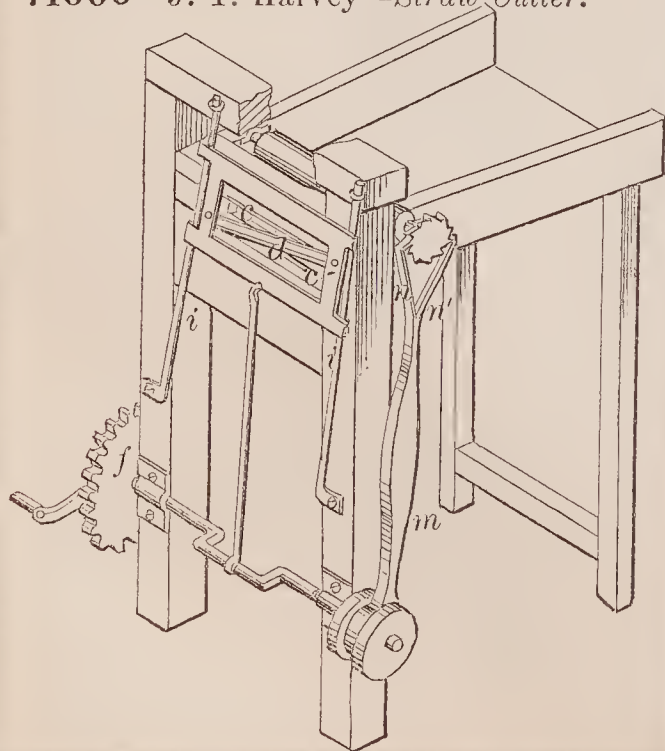
70997—H. Hammond—*Die.*



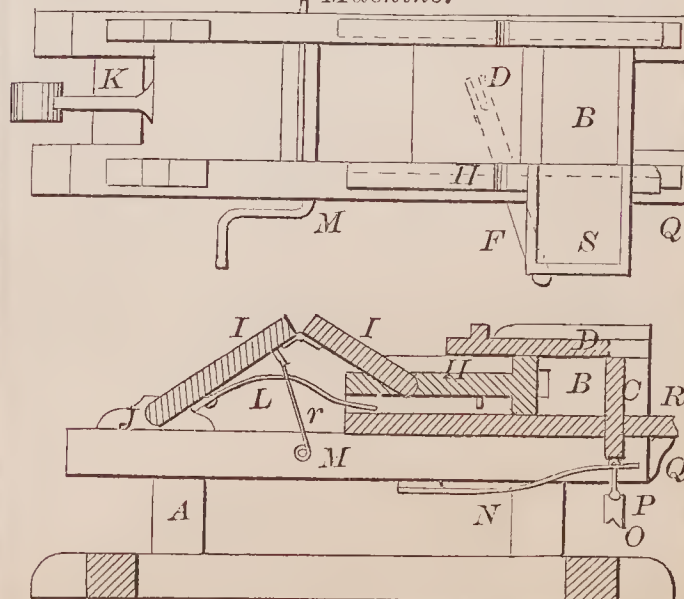
70998—H. Hammond—*Die.*



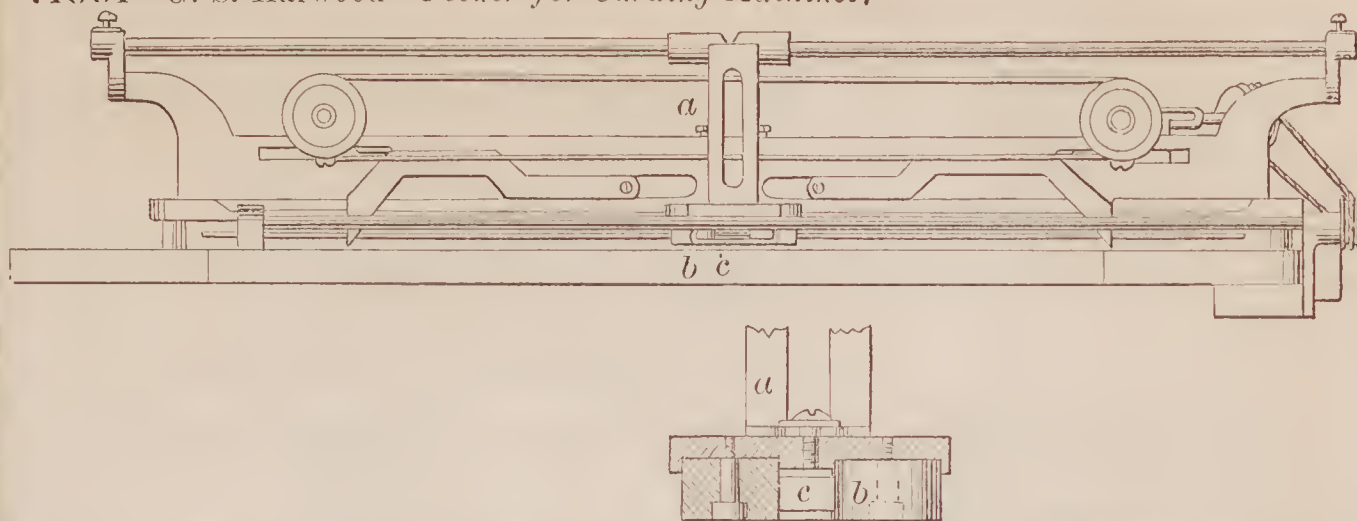
71000—J. T. Harvey—*Straw Cutter.*



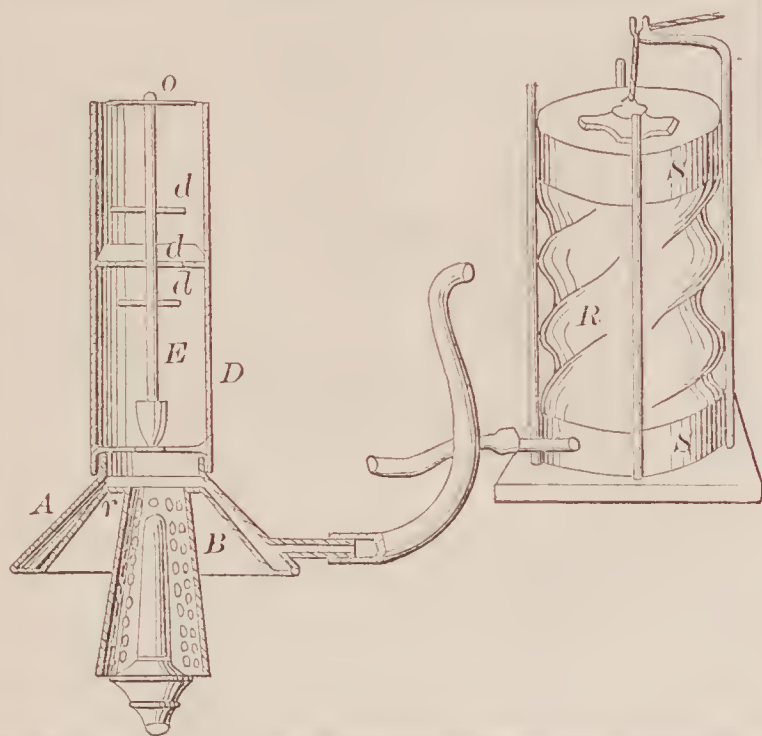
70999—M. S. Harsha—*Concrete Brick Machine.*



71001—G. S. Harwood—Feeder for Carding Machines.



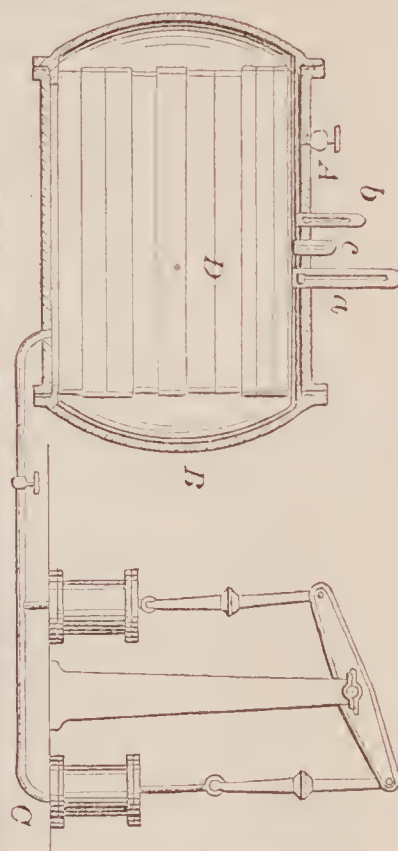
71002—D. G. Haskins—Gas Heating Apparatus.



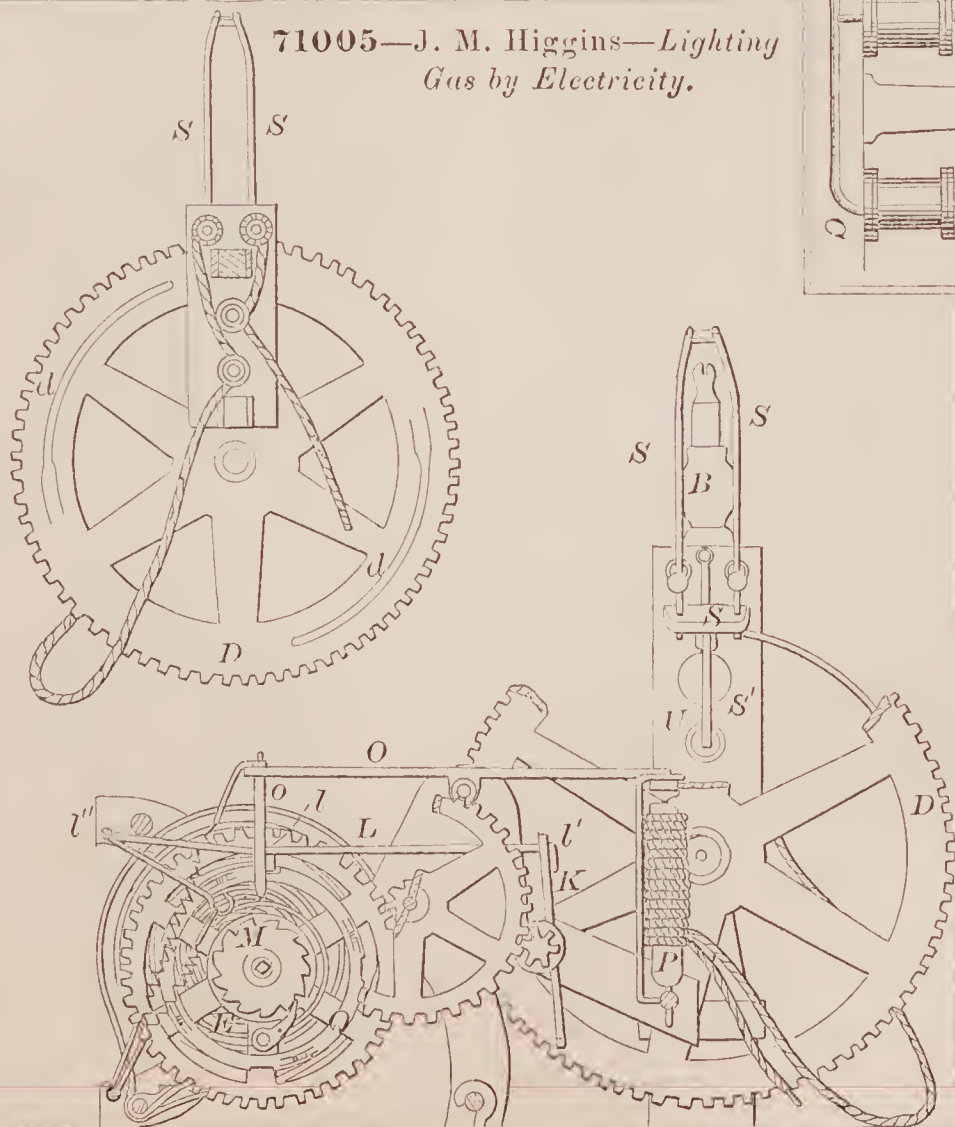
71003—E. Heaton—Shank Spring for Boots and Shoes.



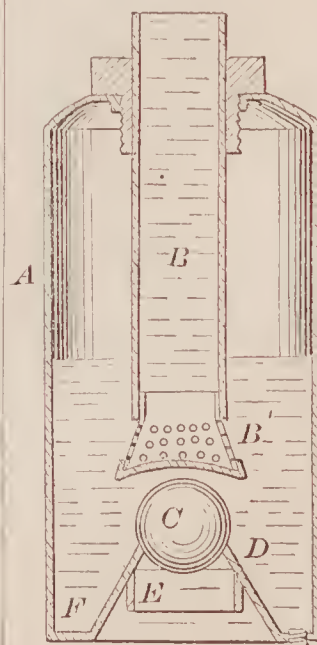
71004—E. E. Hendrick—Drying Gunpowder.

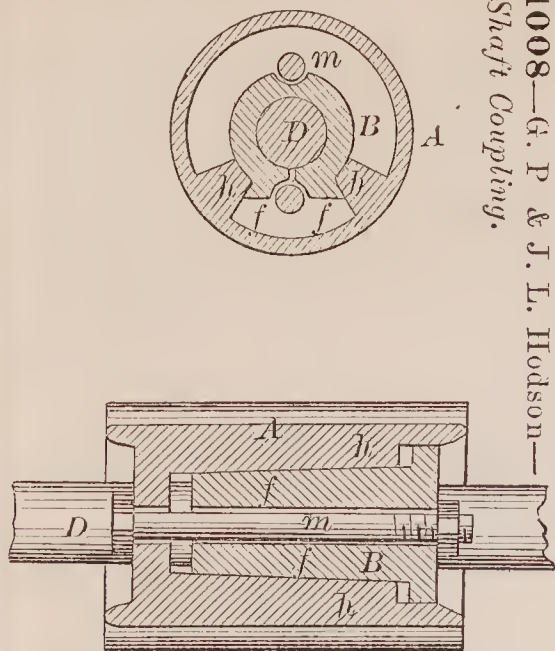
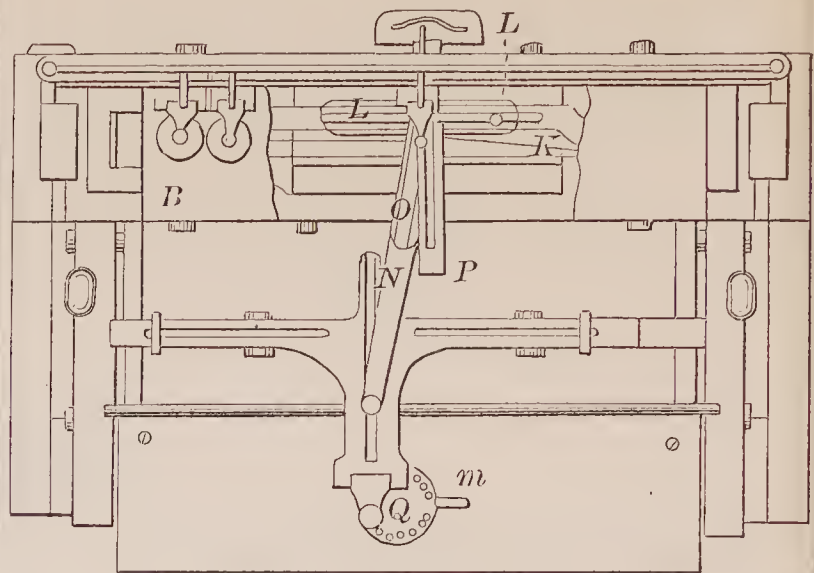
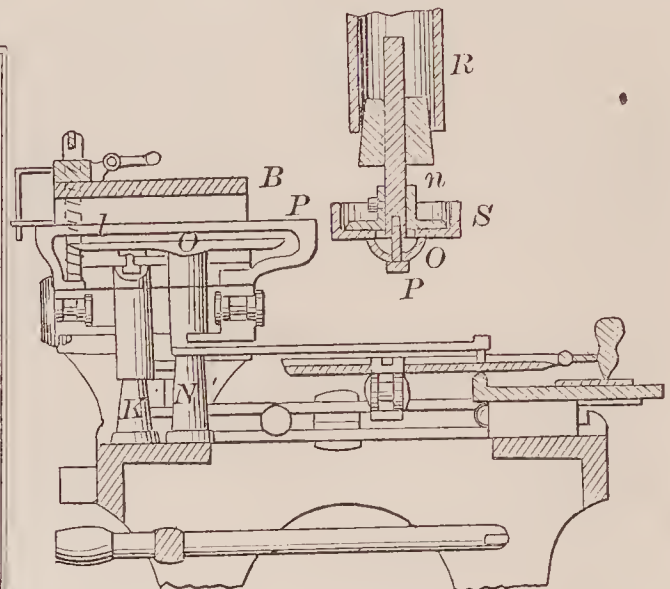
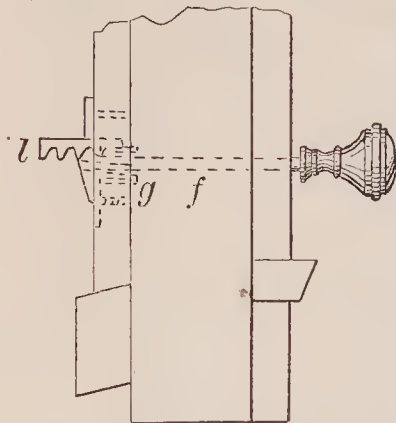
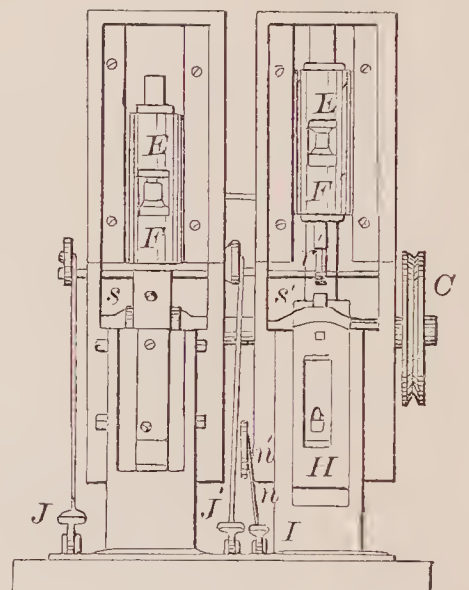
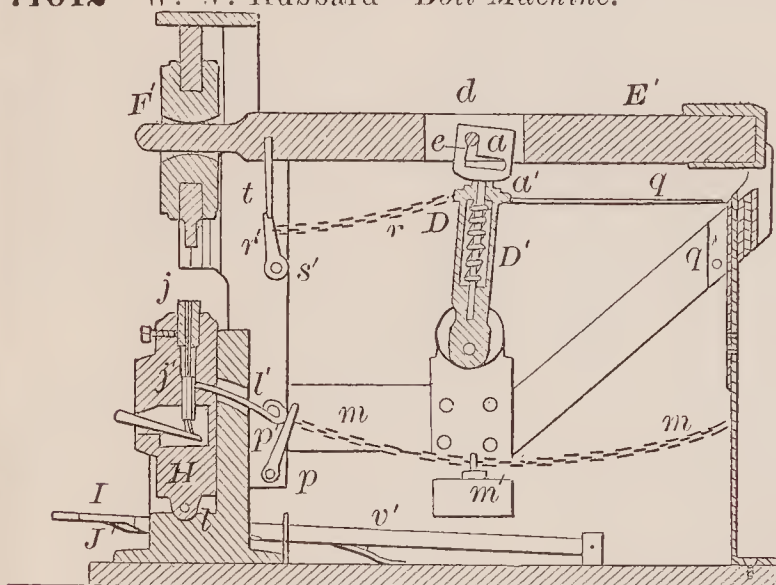
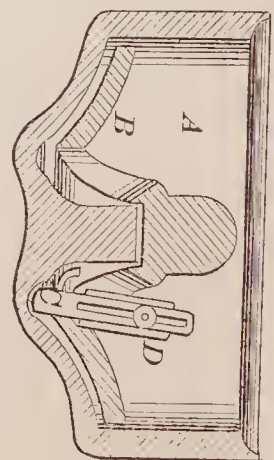
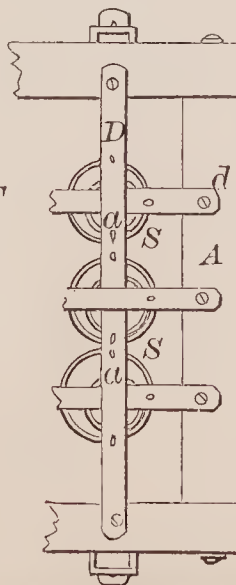
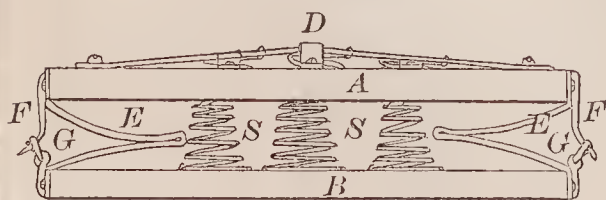


71005—J. M. Higgins—Lighting Gas by Electricity.

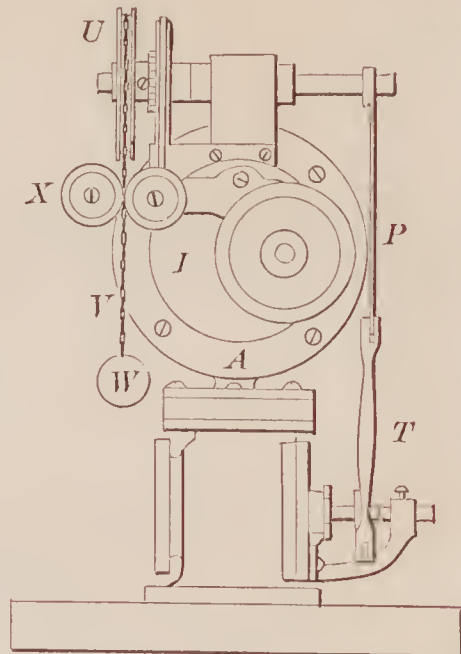
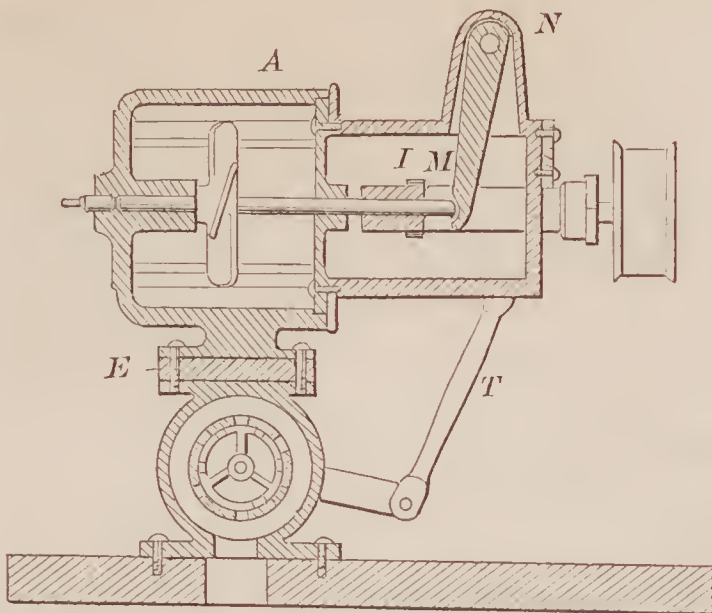


71007—R. H. Hilton—Air Chamber of Pumps.

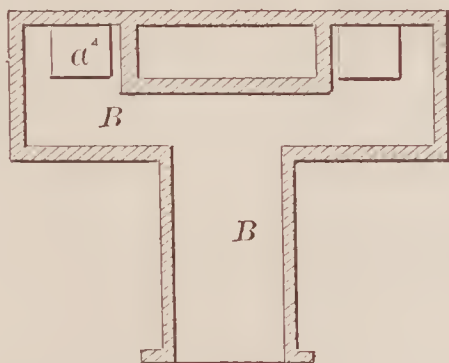
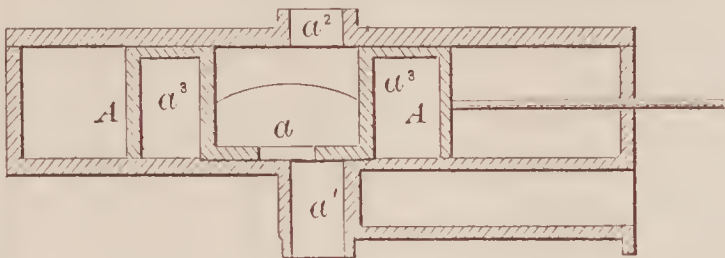


71008—G. P. & J. L. Hodson—
Shaft Coupling.71010—J. H. pe—*Pantographic Engraver.*71009—Holbrook, Dodge & Marshall—
Window Blind Fastener.71012—W. W. Hubbard—*Bolt Machine.*71014—H. L. Huntington—*Spring
Bed Bottom.*71011—A. Horn—*Amalgamator.*

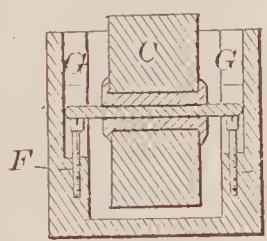
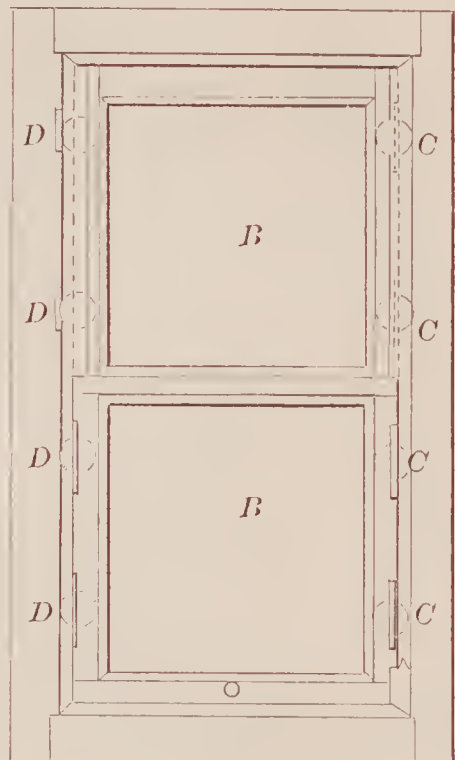
71015—R. K. Huntoon—*Steam Engine Governor.*



71016—A. Hutton—*Steam Engine Valve.*

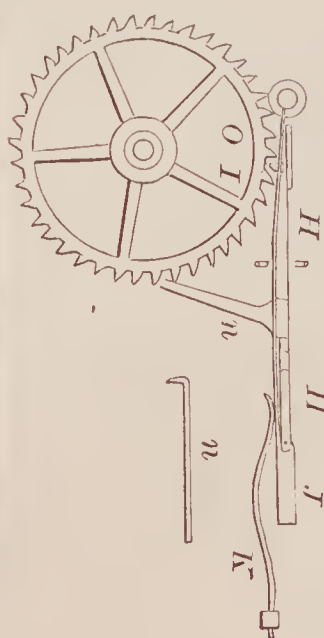
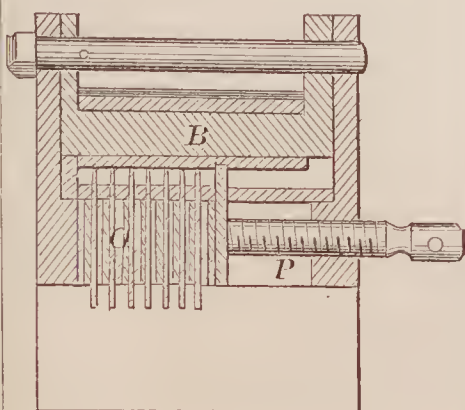


71017—C. R. Jenkins—*Sash Stop.*



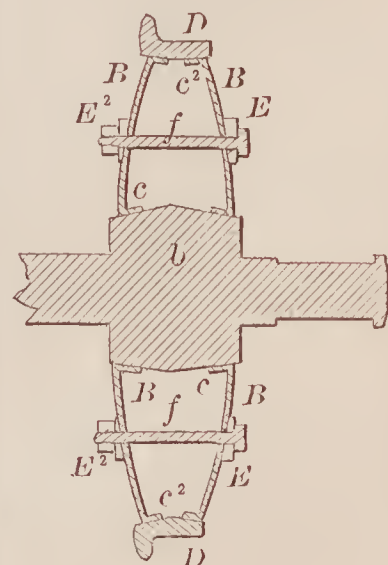
71018—C. Kane—*Sash Supporter.*

71020—J. J. Kents—*Slitting Machine.*

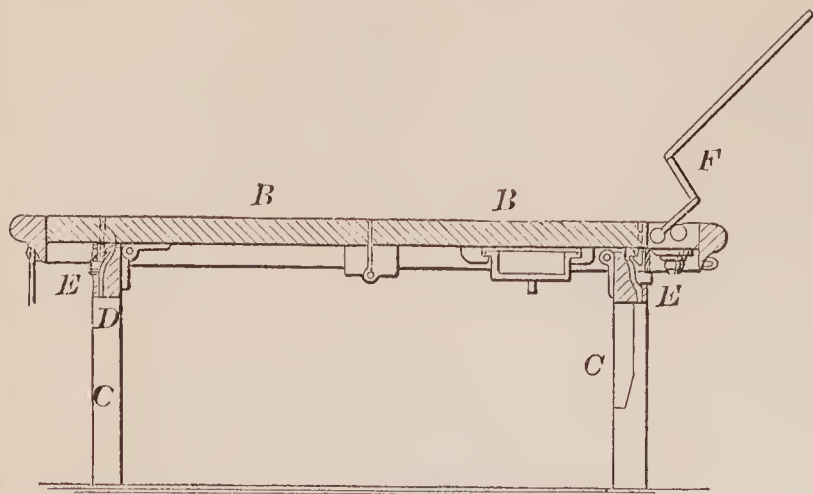


71019—W. C. Kellum—*Time Piece Escapement.*

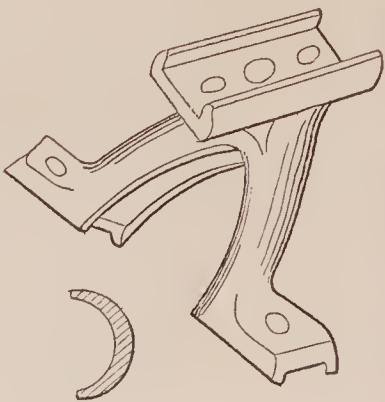
71021—C. E. Kleinschmidt—*Car Wheel.*



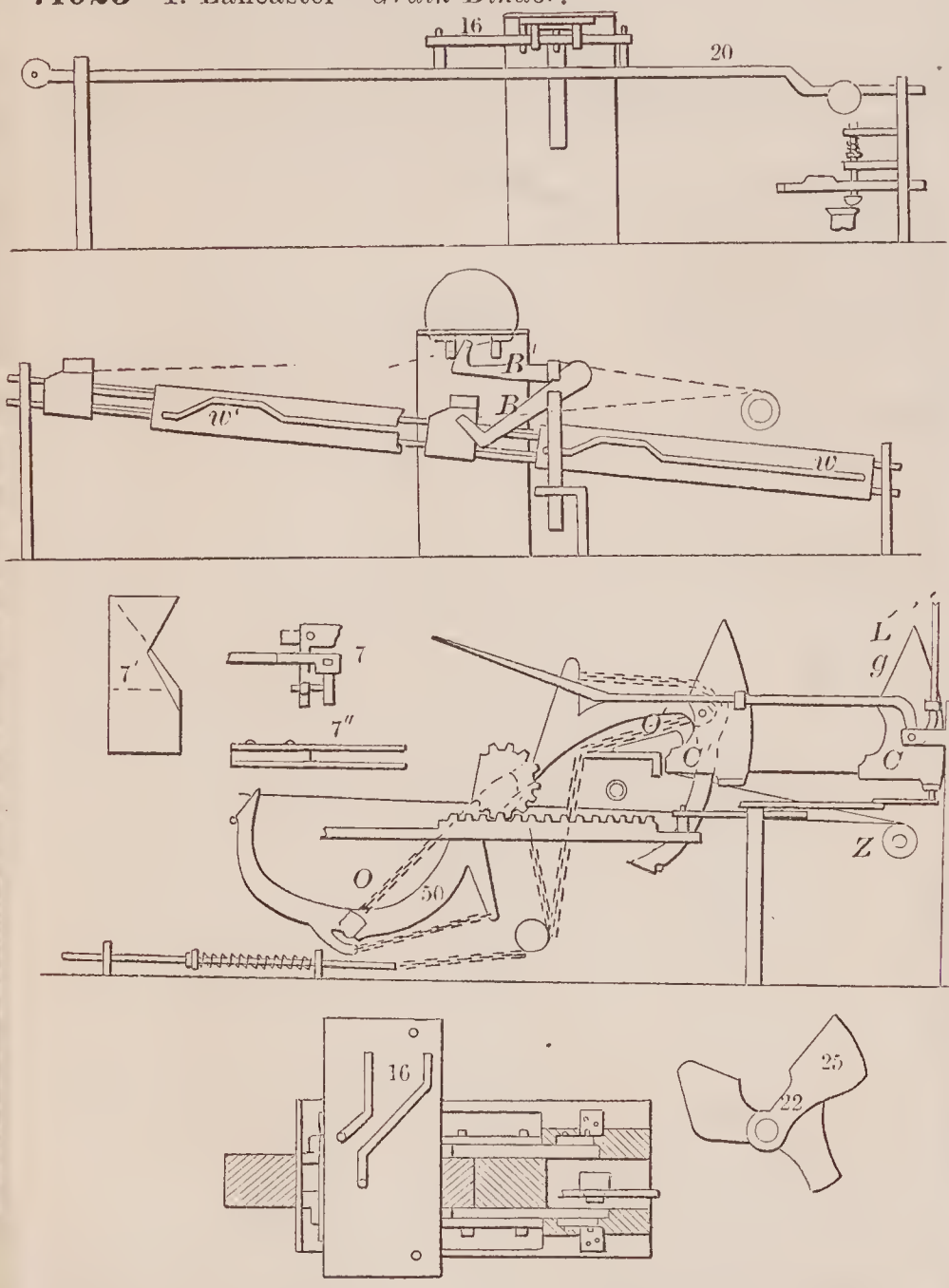
71022—F. Kopper—*Toilet Table.*



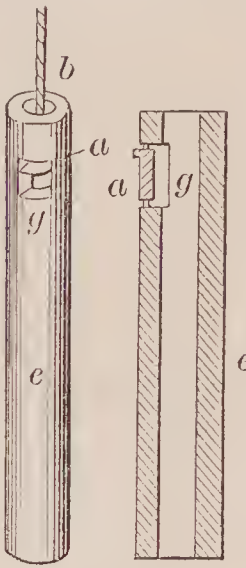
71025—G. Larson—*Sleigh Knee.*



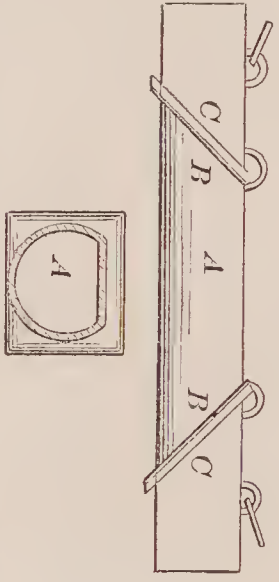
71023—I. Lancaster—*Grain Binder.*



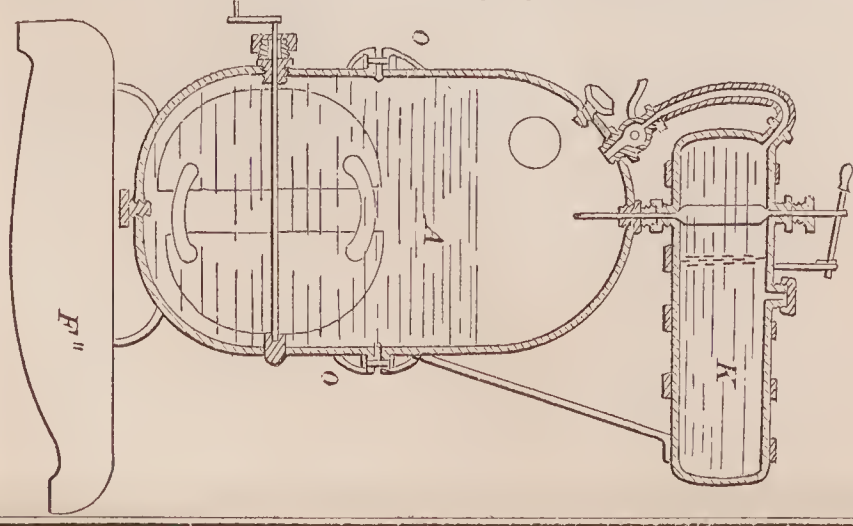
71024—C. B. Lang—*Tassel Fastening*



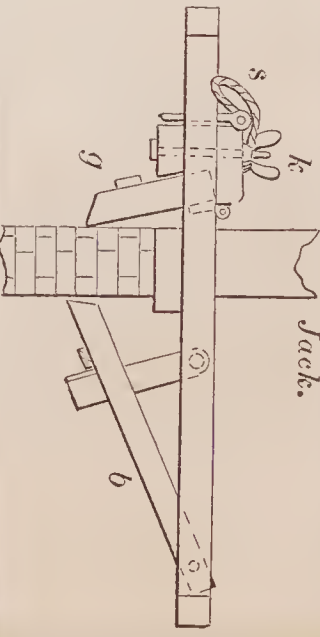
71026—D. P. Lewis—*Hose Guard.*



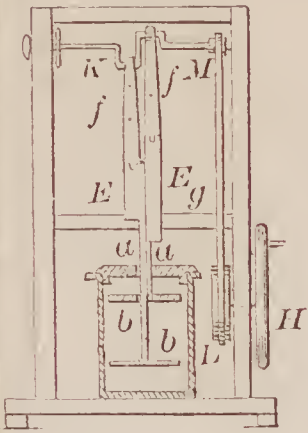
71028—J. D. Lynde—*For Charging Soda Water.*



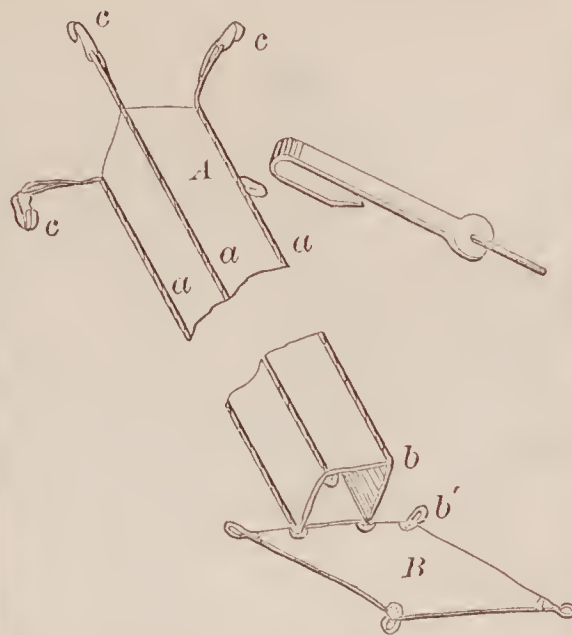
71027—S. P. Loomis—*Painters' Window Jack.*



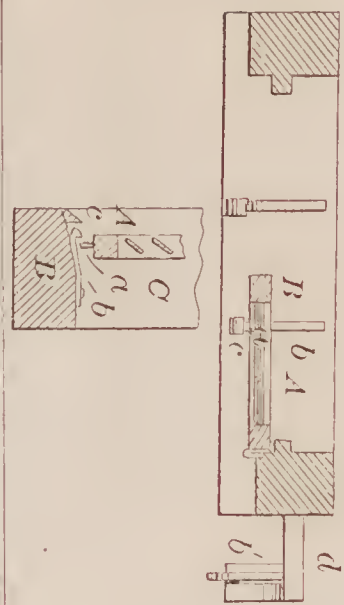
71029—R. Mahr—*Churn.*



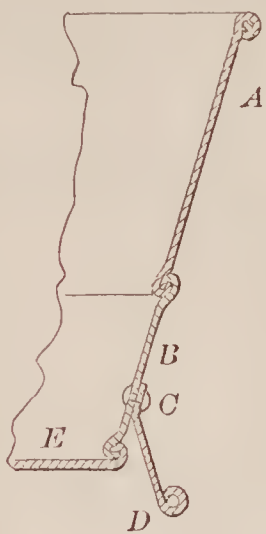
71030—J. Marx—*Fire Escape.*



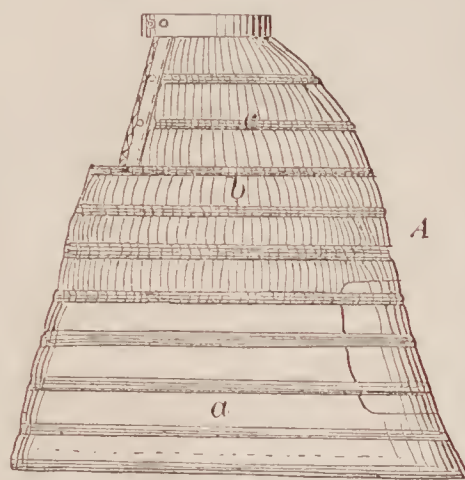
71031—B. Mayo—*Window Blind Fastening*



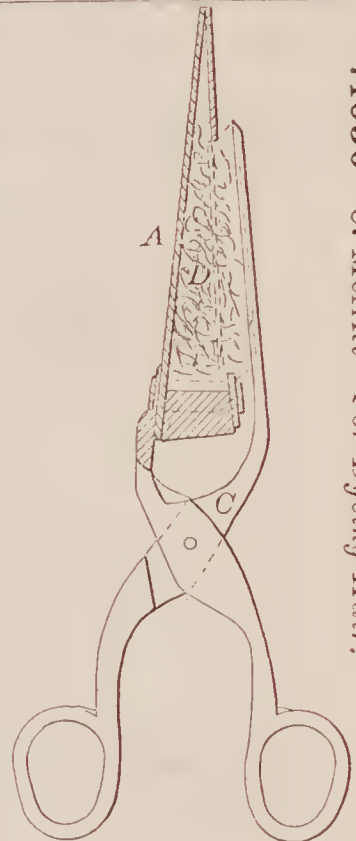
71032—J. McCoy—*Coal Hod.*



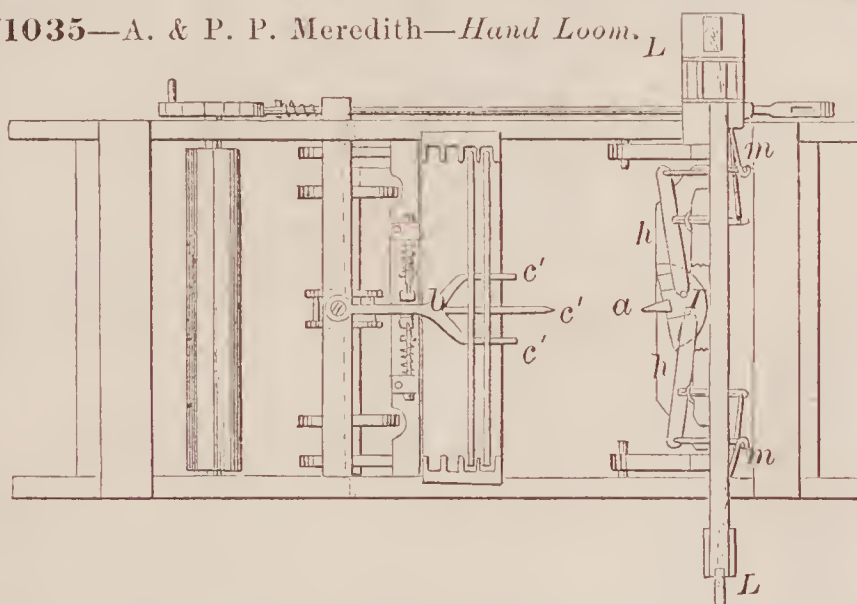
71033—J. McKeever—*Hoop Skirt.*



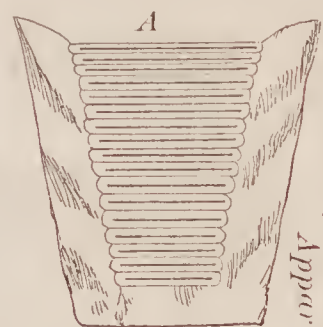
71036—C. Merritt—*For Dyeing Hair.*



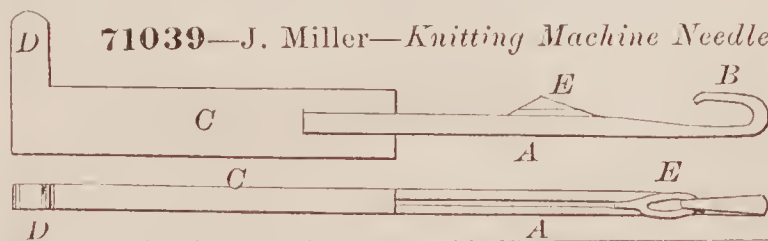
71035—A. & P. P. Meredith—*Hand Loom.*



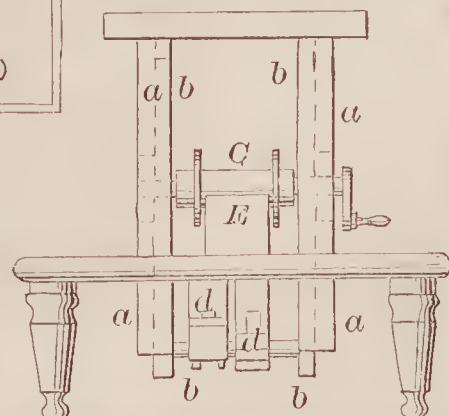
71038—J. & J. Miller, Jr.—*Elastic Gusset for Wearing Apparel.*



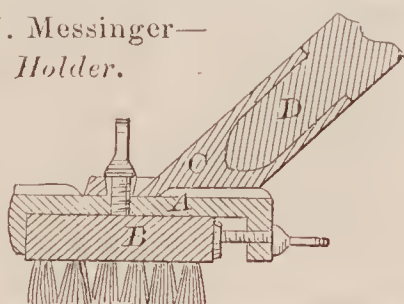
71039—J. Miller—*Knitting Machine Needle.*



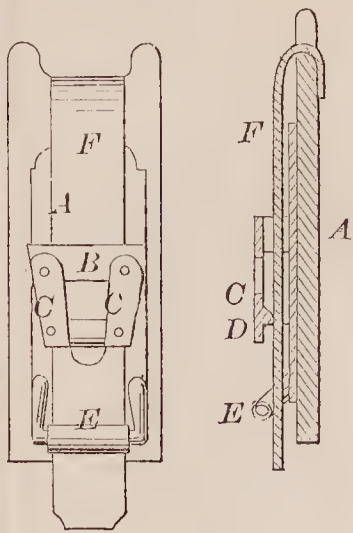
71040—J. W. Milroy—*Drain Tile Machine.*



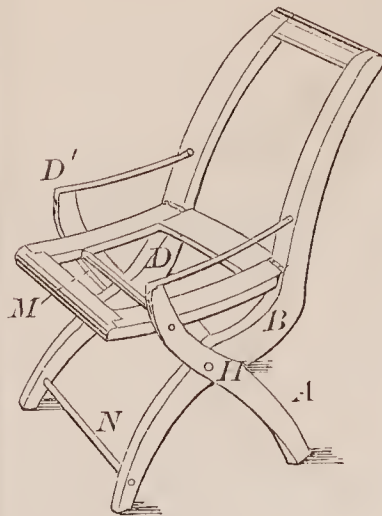
71037—J. Messinger—*Brush Holder.*



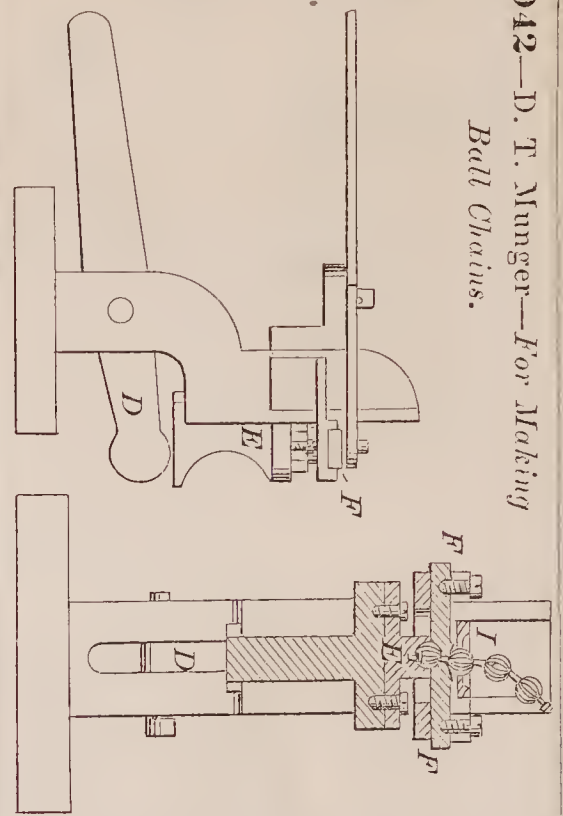
71041—J. F. Morsell—*Spring Buckle.*



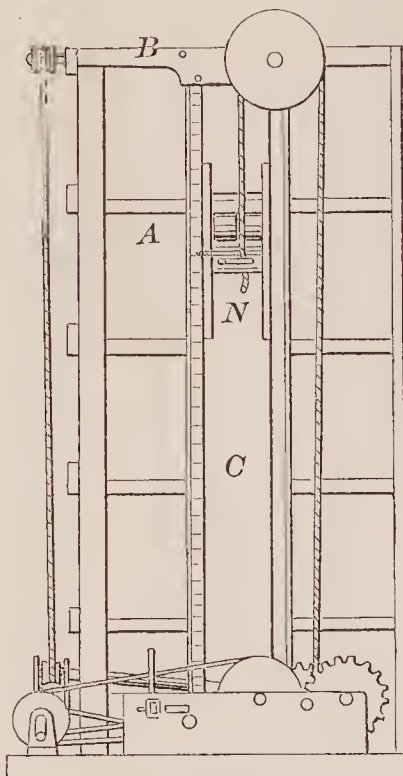
71045—J. Nicolai—*Folding Chair.*



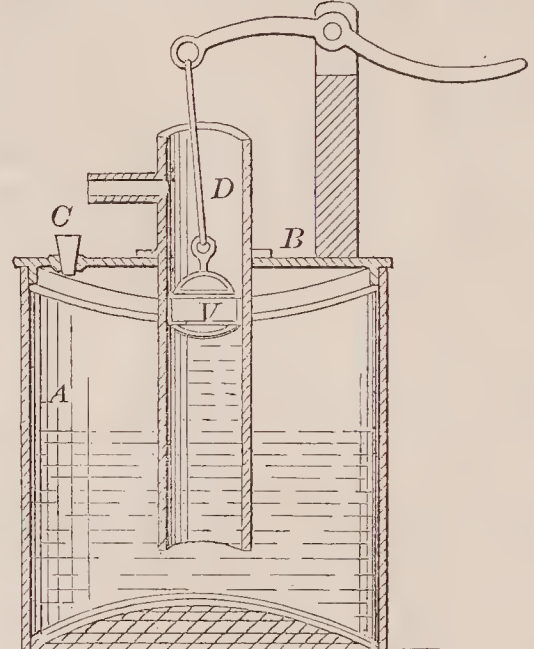
71042—D. T. Munger—*For Making Ball Chains.*



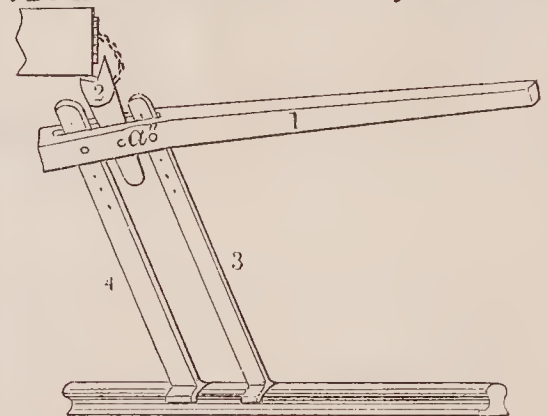
71043—W. Murray—*Hoisting Machine.*



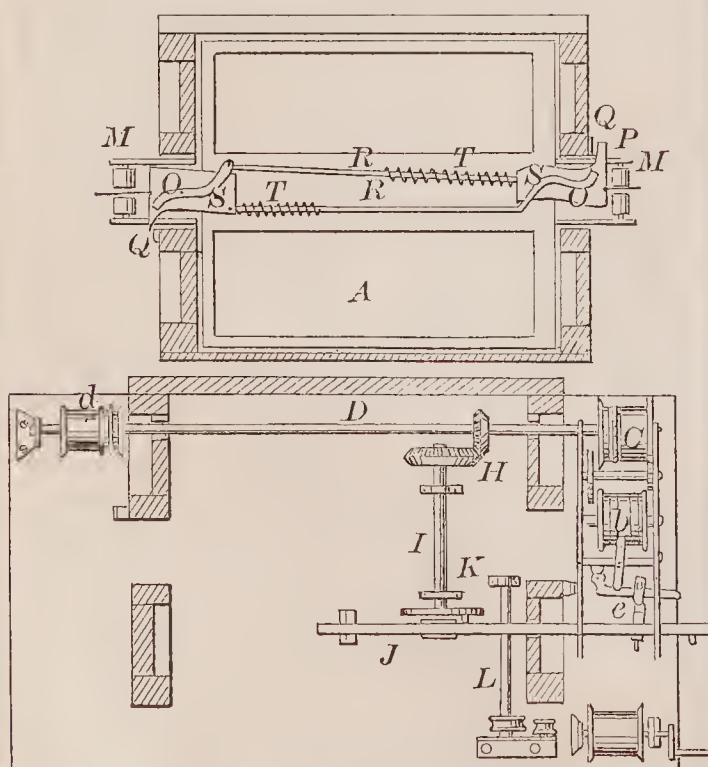
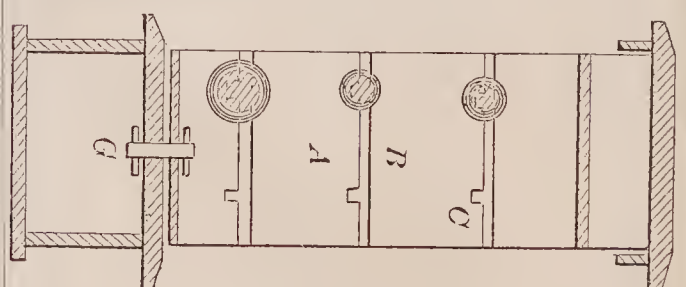
71044—E. Nickerson—*Pump and Reservoir.*



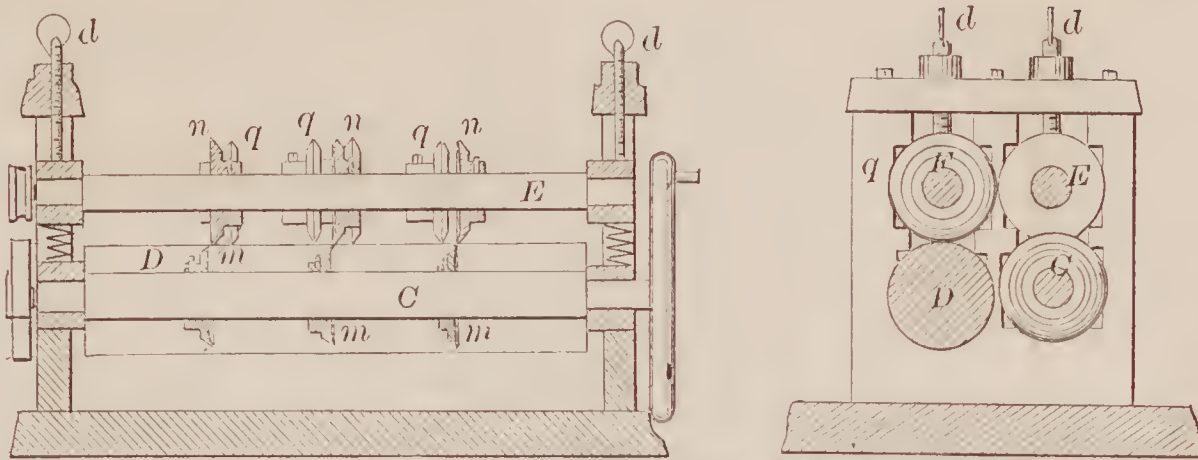
71046—J. Noble—*Lever for Railroad Cars.*



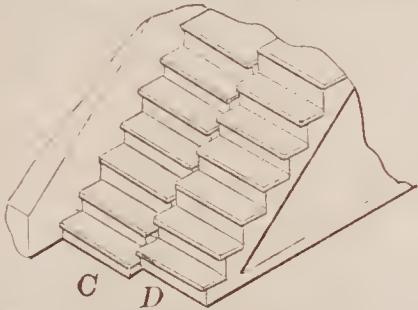
71047—J. G. Onk—*Show Stand.*



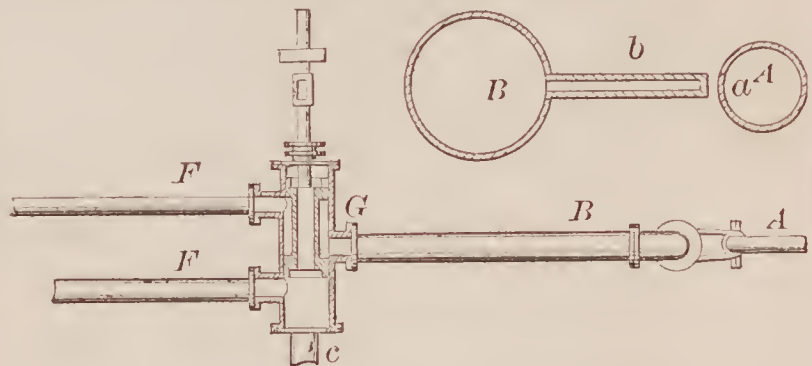
71048—S. Orth—*For Cutting Pasteboard.*



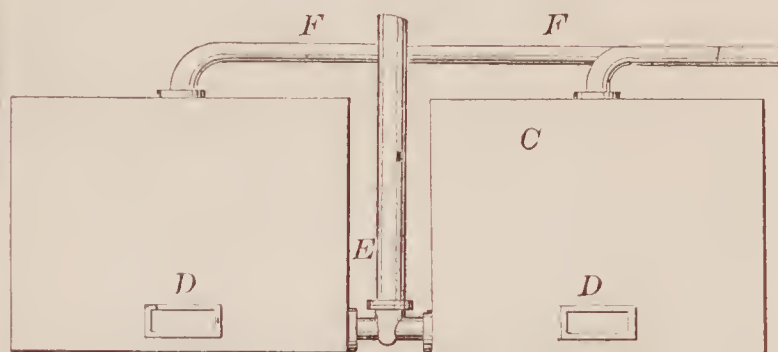
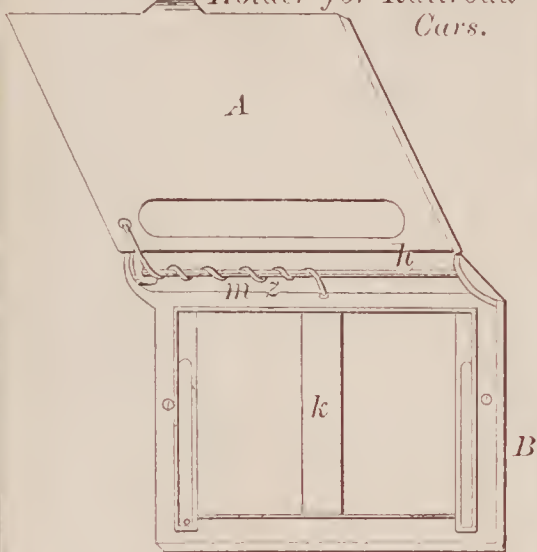
71049—W. W. Page—*Stairs.*



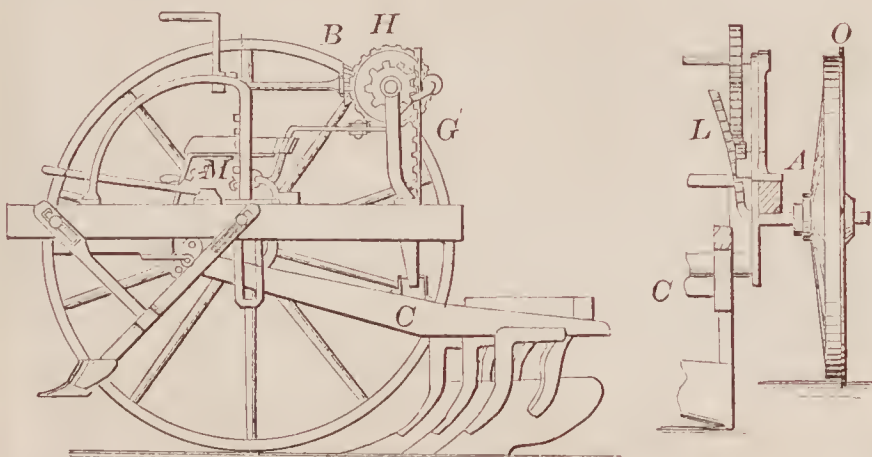
71050—J. Parker—*For Raising Fluids.*



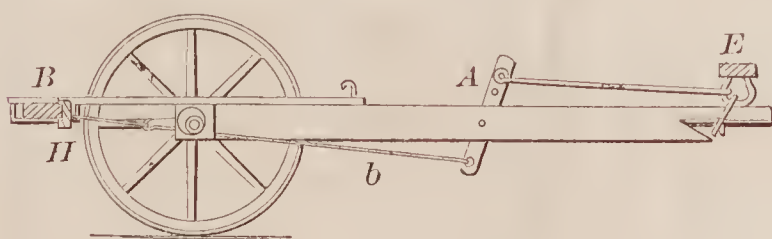
71051—J. H. Parsons—*Label Holder for Railroad Cars.*



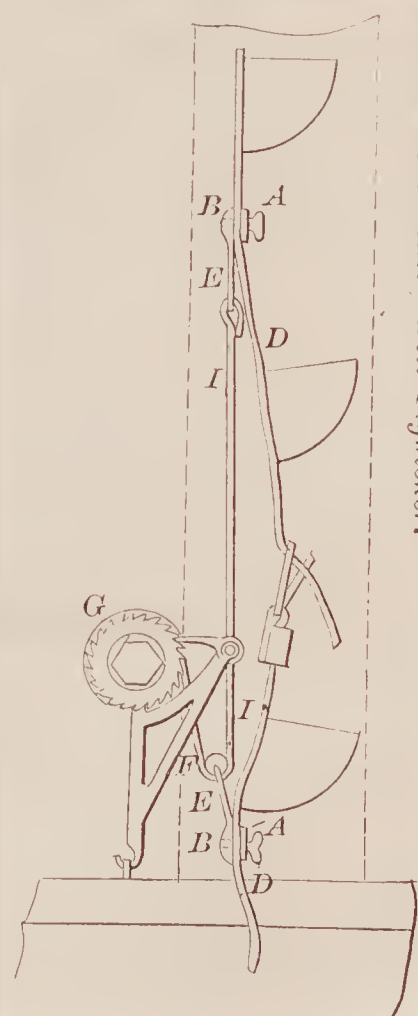
71053—H. L. Perry—*Gang Plow.*

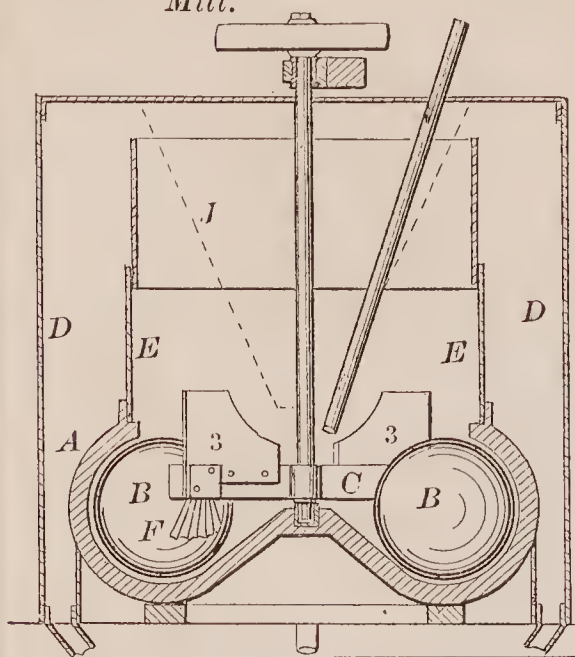
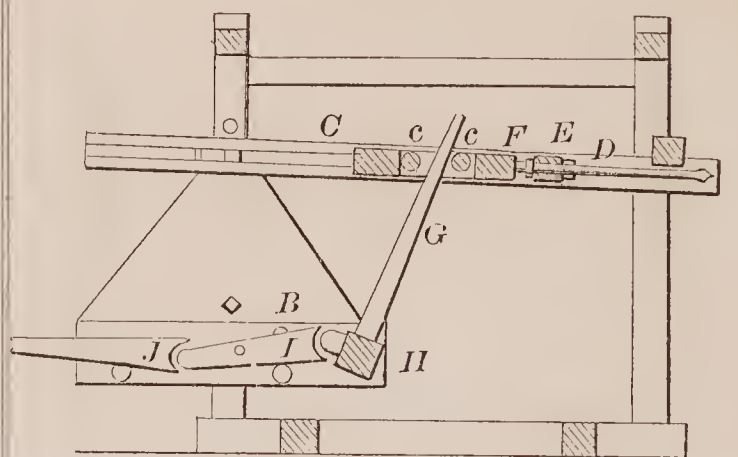
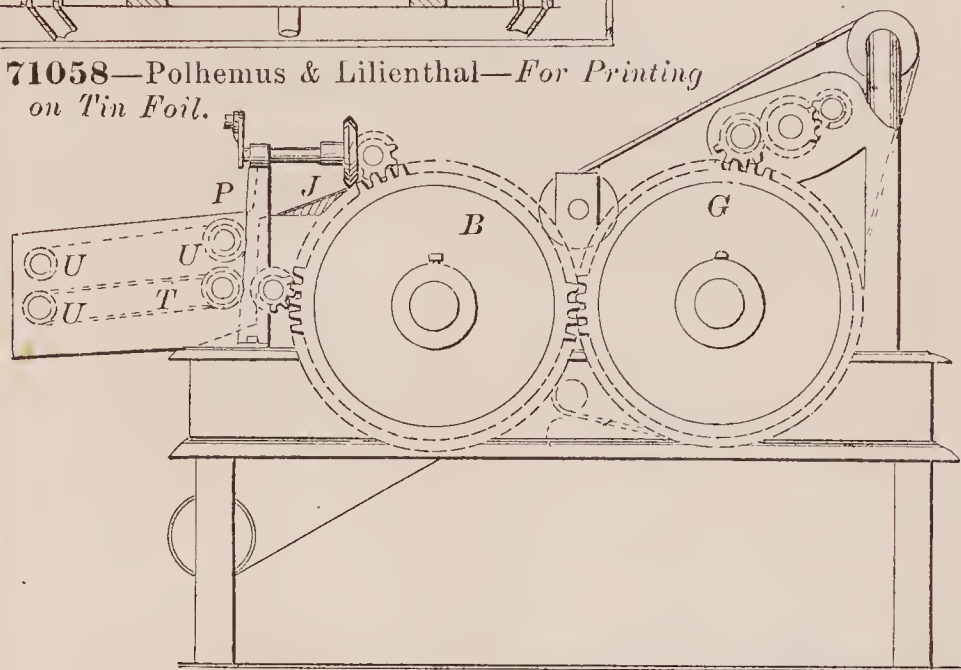
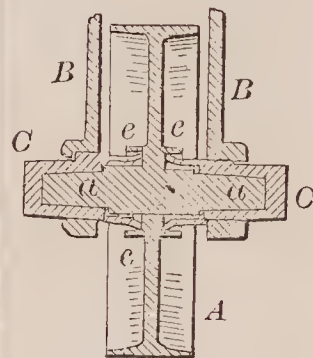
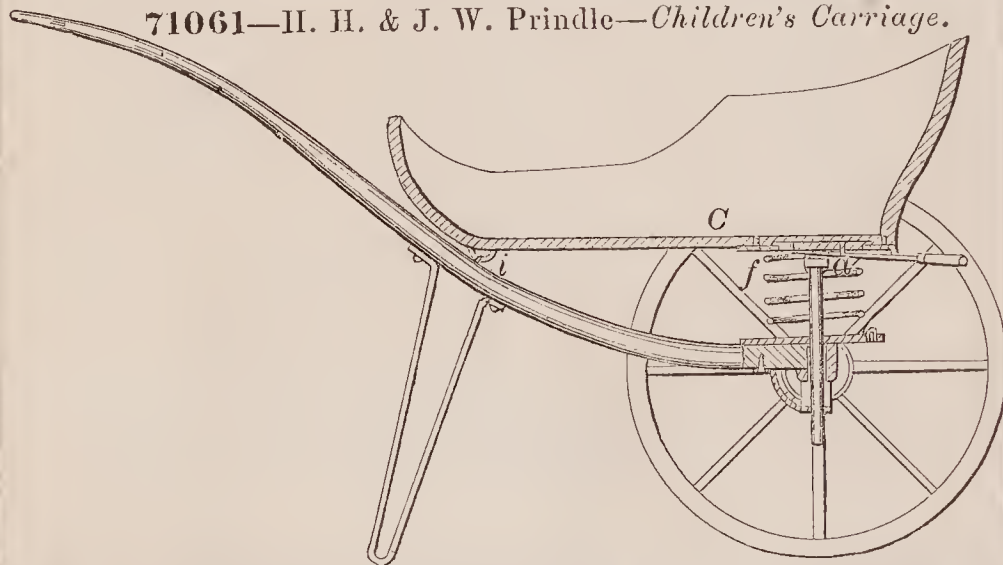
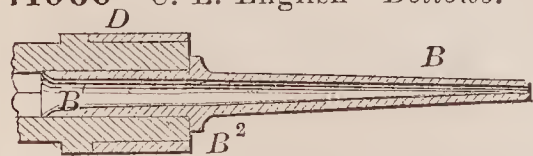
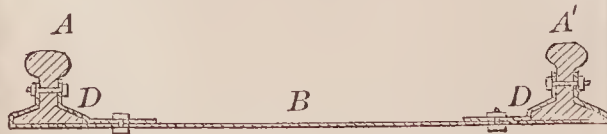
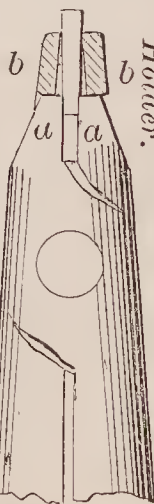
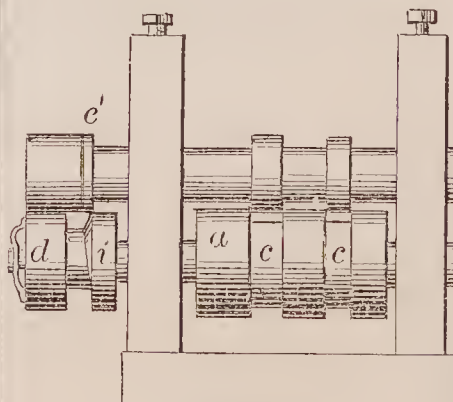


71054—C. Phelon—*Brake for Vehicles.*



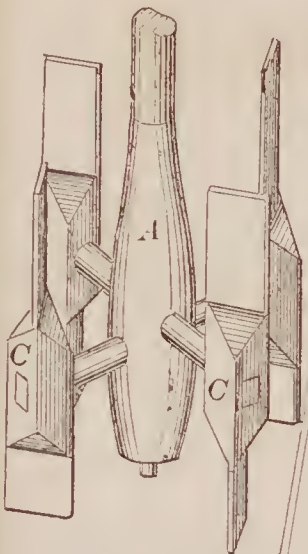
71052—M. Peatt—*Belt Tightener.*



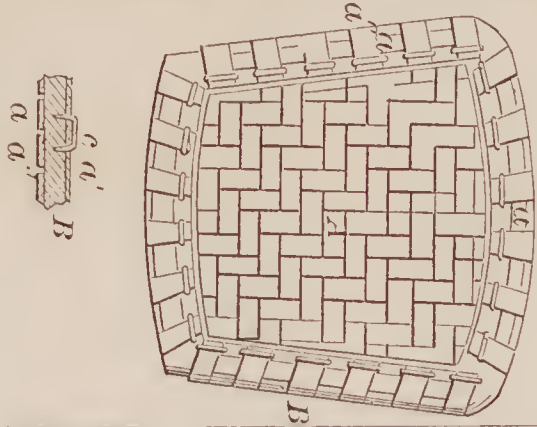
71055—Pickering & St. John—*Quartz Mill.***71056**—W. Pierce—*Rock Drilling Machine.***71058**—Polhemus & Lilienthal—*For Printing on Tin Foil.***71057**—L. B. Pitcher—*Roller Wheel for Plows.***71059**—G. W. Preston—*Horse Block and Hitching Post.***71061**—H. H. & J. W. Prindle—*Children's Carriage.***71060**—C. L. English—*Bellows.***71063**—L. Repsher—*Railway Chair and Sleeper.***71064**—J. C. Rhodes—*Nail Plate Holder.***71062**—A. Reese—*Shaping Dies of Grooved Rolls.*

71065—

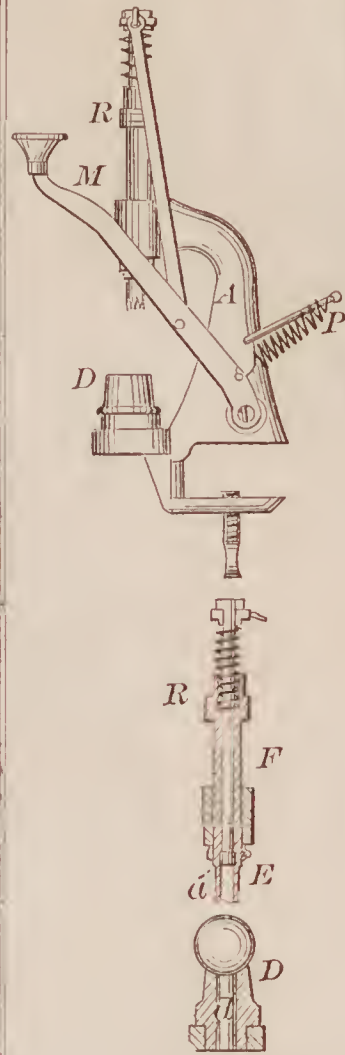
R. W. Robinson—*Churn Dasher.*



71067—C. W. Royse—*Chair Bottom.*



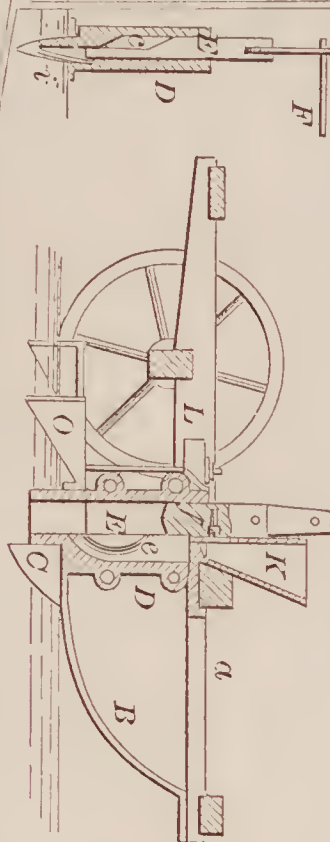
71069—S. A. Russell—*Fruit Seeder.*



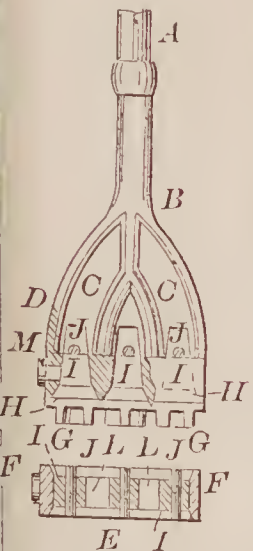
71066—S. Rogers—*Thill Coupling.*



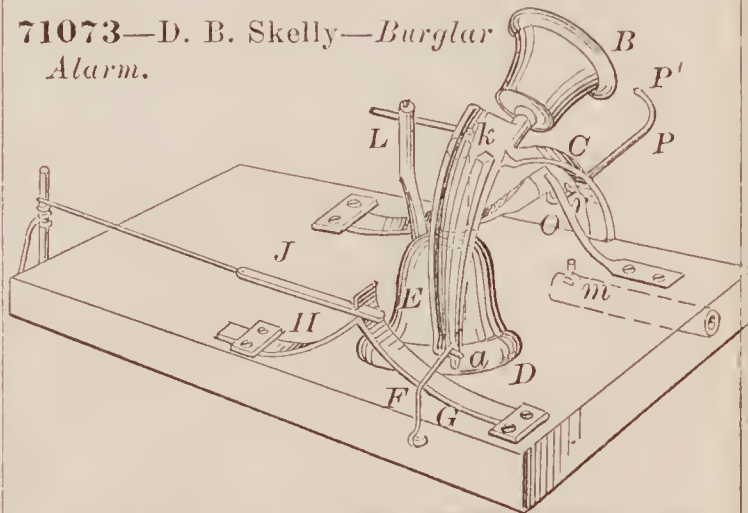
71070—J. M. Sampson—*Corn Planter.*



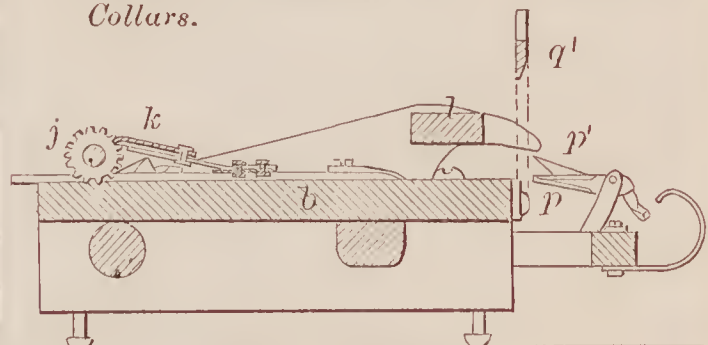
71068—C. Rundquist—*Branding Iron.*



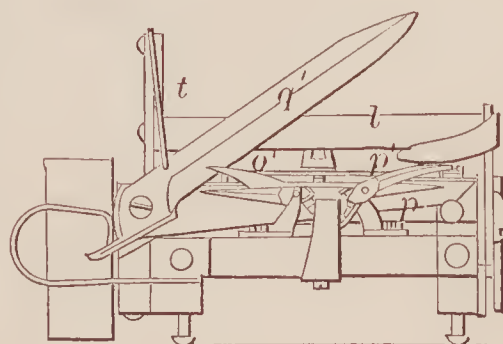
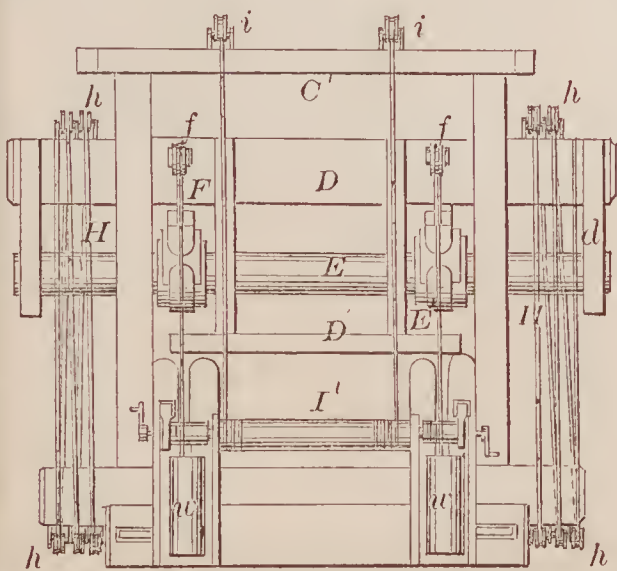
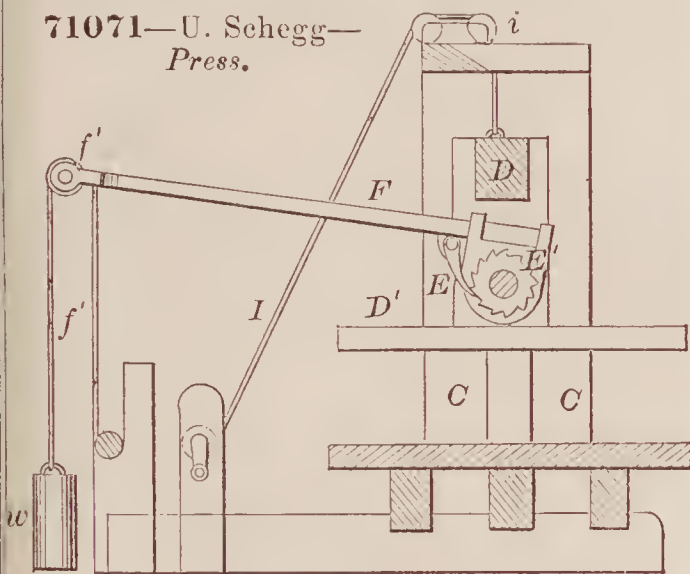
71073—D. B. Skelly—*Burglar Alarm.*

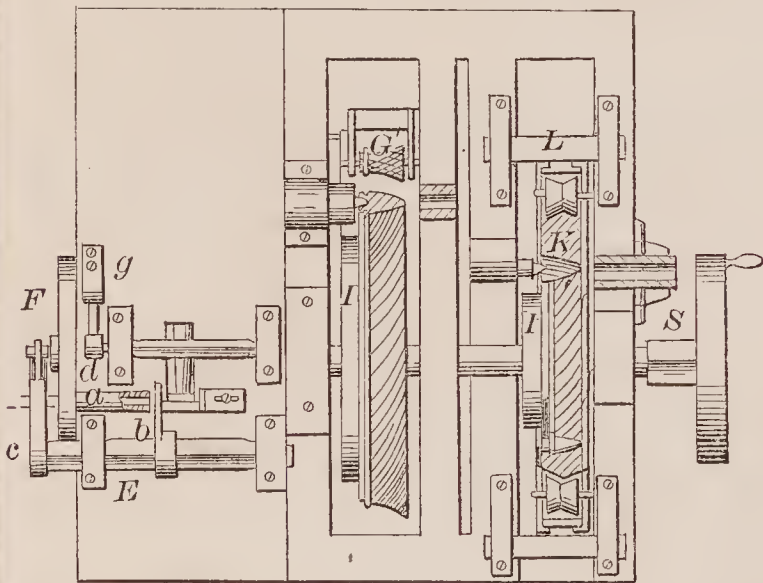
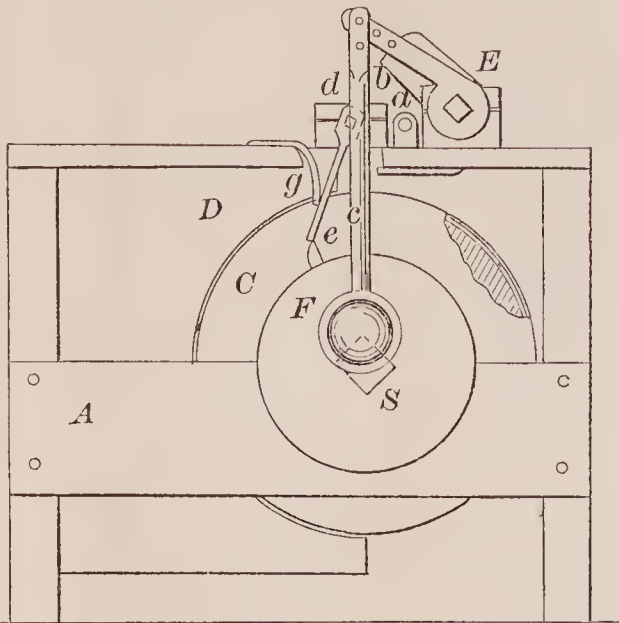
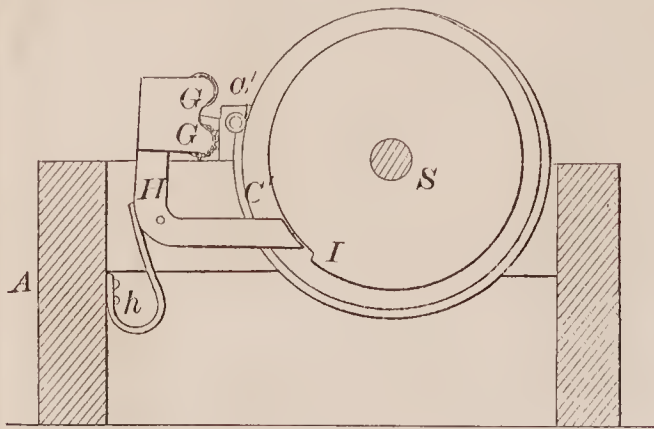
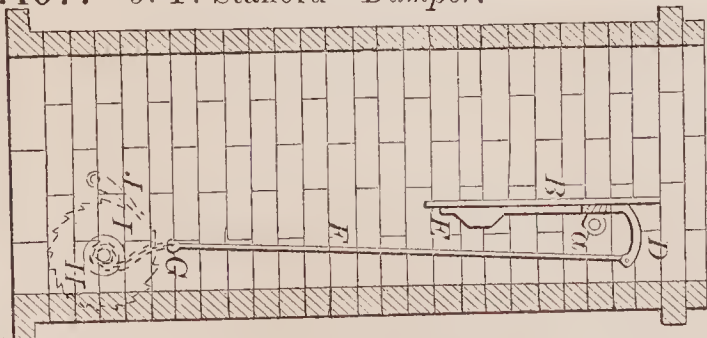
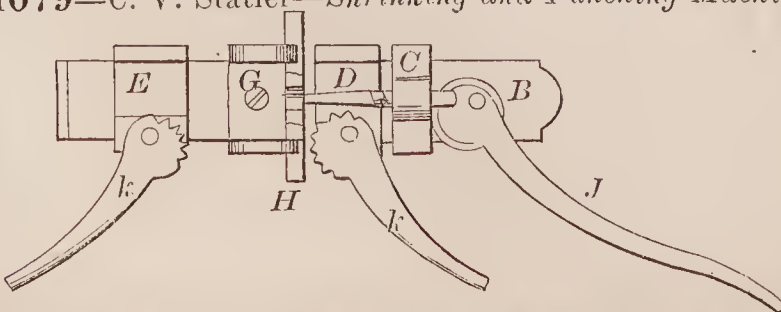
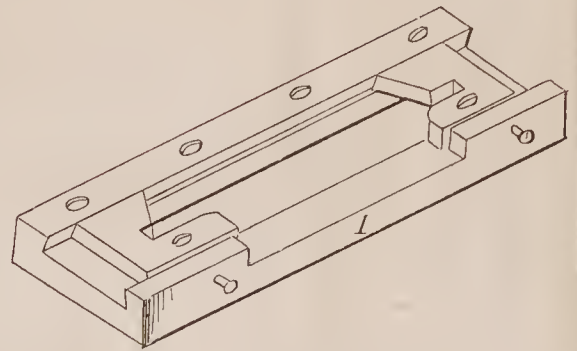
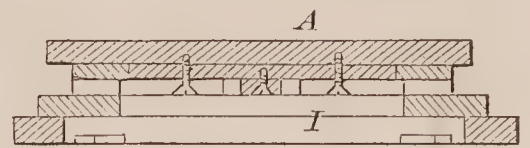
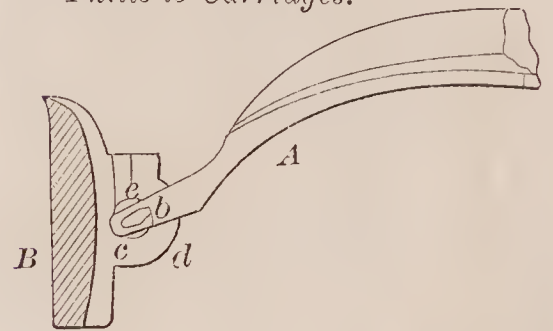
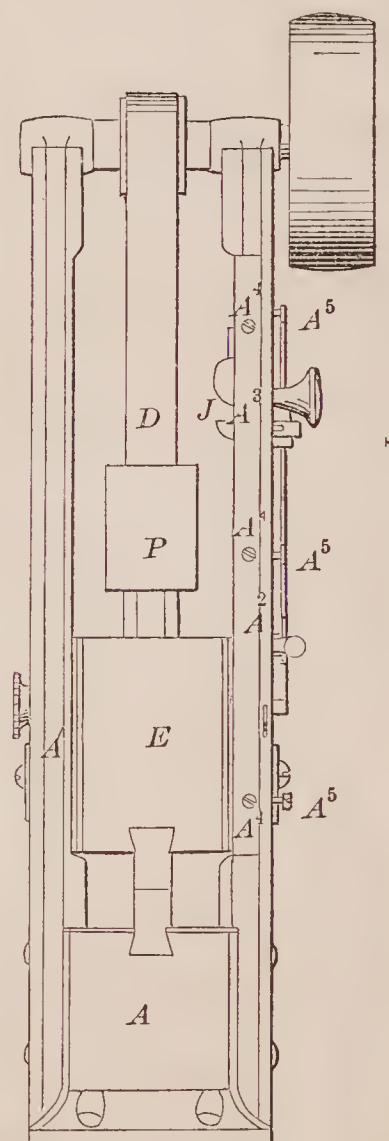


71074—D. M. Smyth—*For Cutting Paper Collars.*

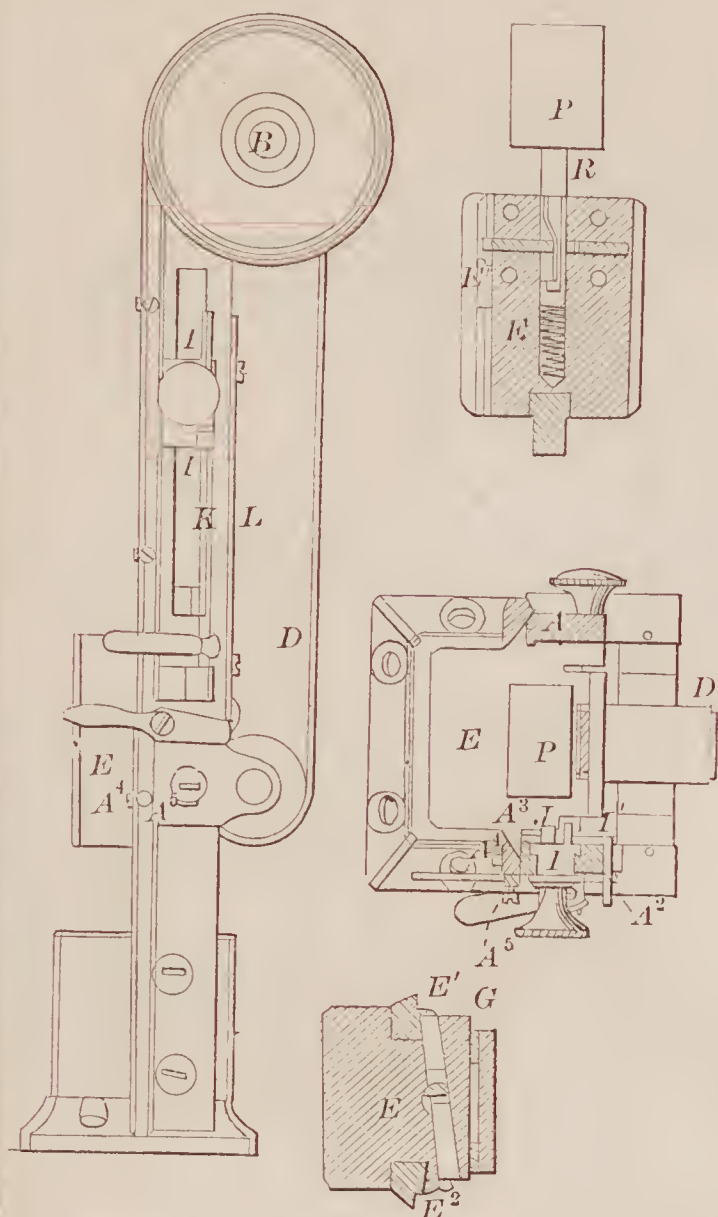


71071—U. Schegg—*Press.*

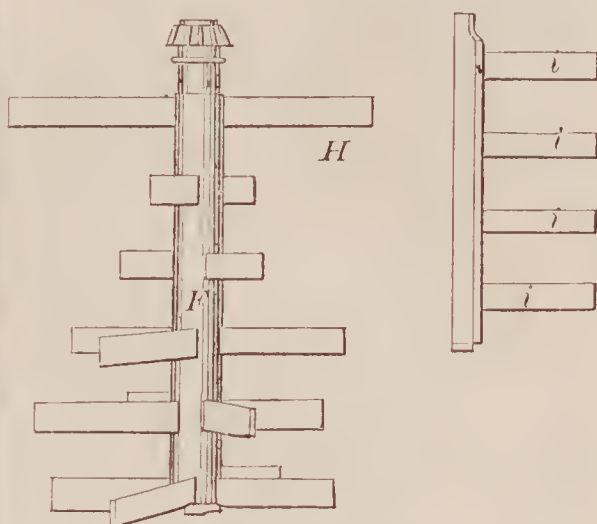


71075—W. Spillman—*Bullet Machine.*71077—J. F. Stafford—*Damper.*71079—C. V. Statler—*Shrinking and Punching Machine.*71076—C. Spofford—*Die for Cutting Paper Collars.*71078—W. Starkey—*Attaching Thills to Carriages.*71080—Stiles & Miller—*Drop Press.*

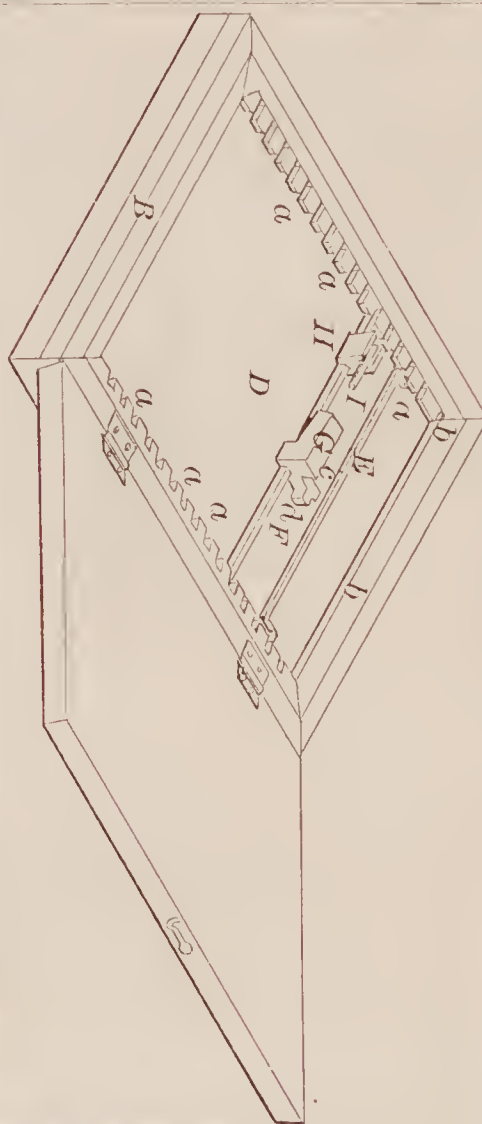
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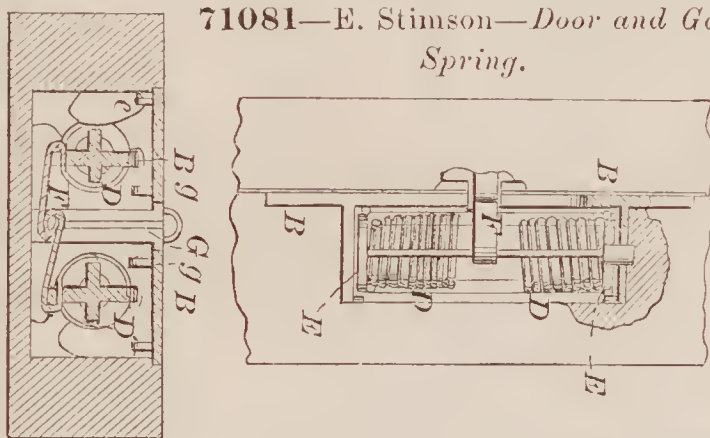
71082—J. Strobeck—*Churning Butter.*



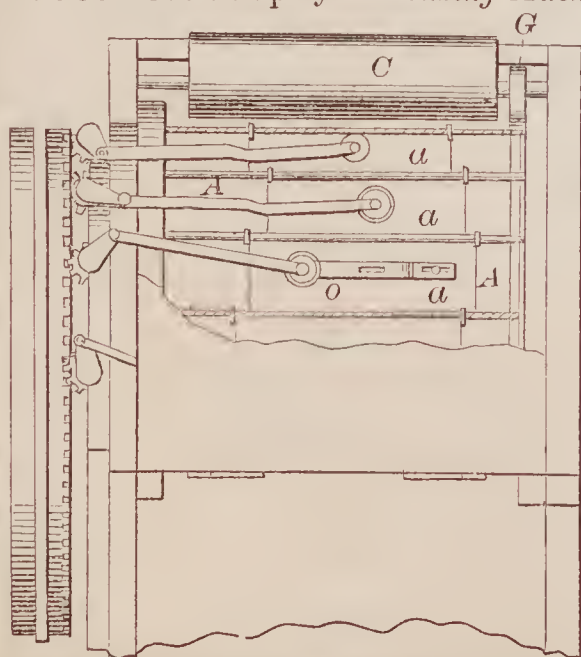
71081—J. Synnott—*Writing Apparatus For the Blind*.



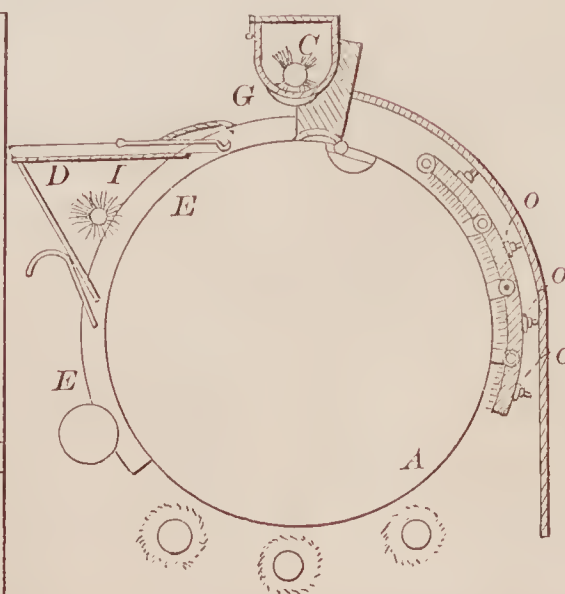
71081—E. Stimson—*Door and Gate Spring.*



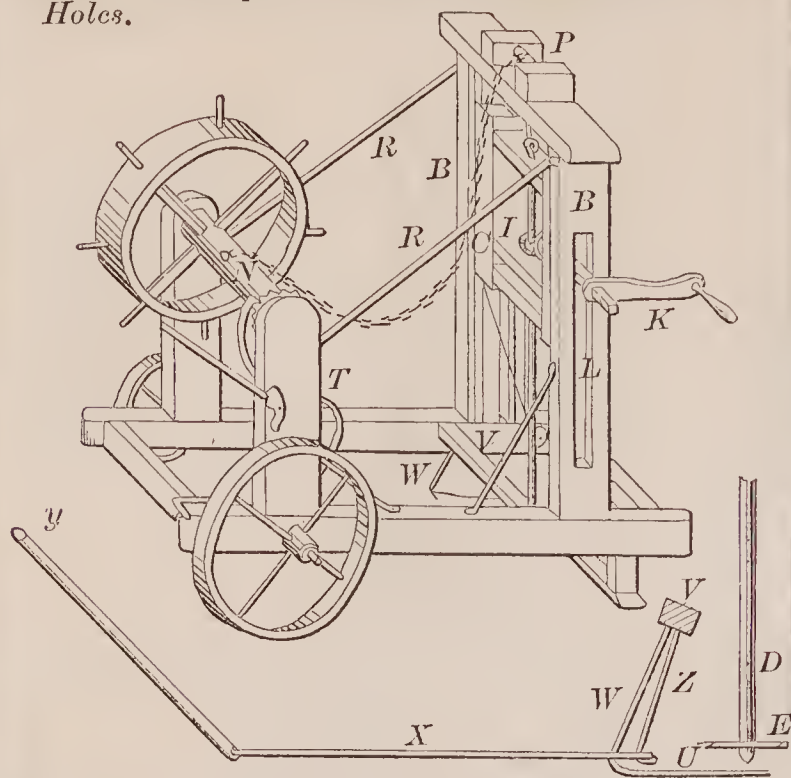
71085—J. F. Tapley—*Bronzing Machine.*



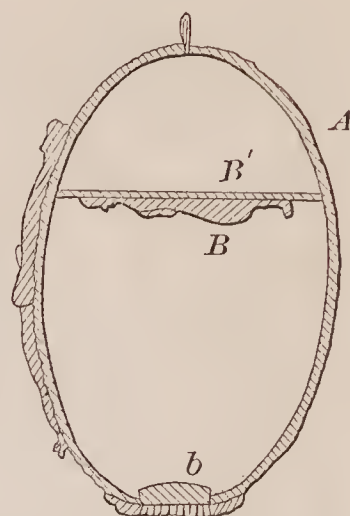
71083—W. W. Suttiff—*Gate Spring.*



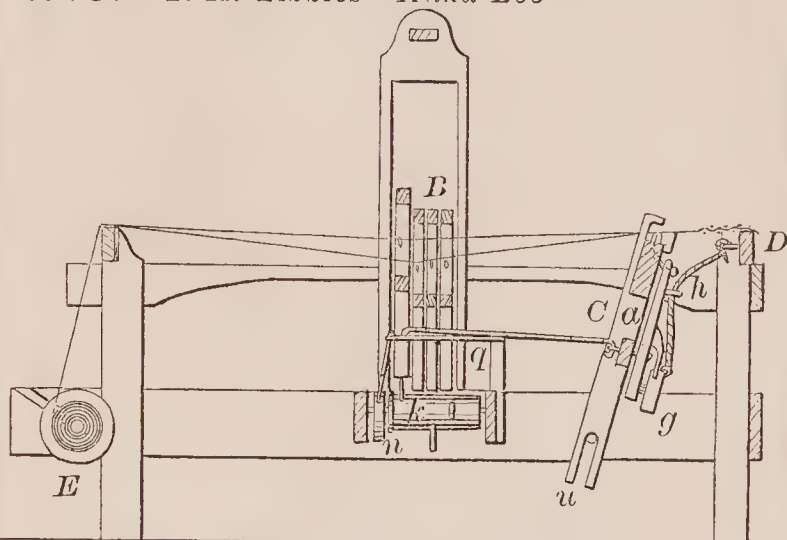
71086—Thompson & Herrick—*For Digging Post Holes.*



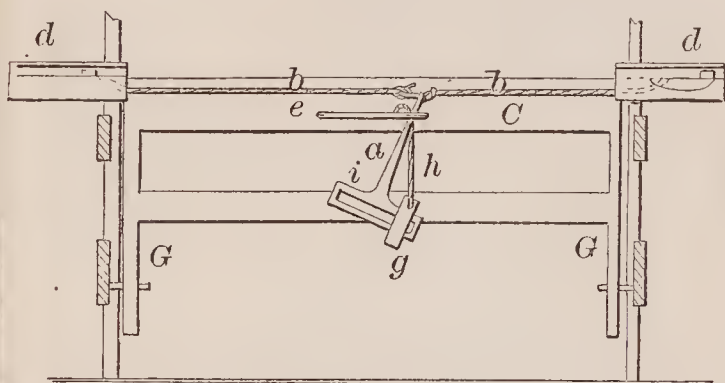
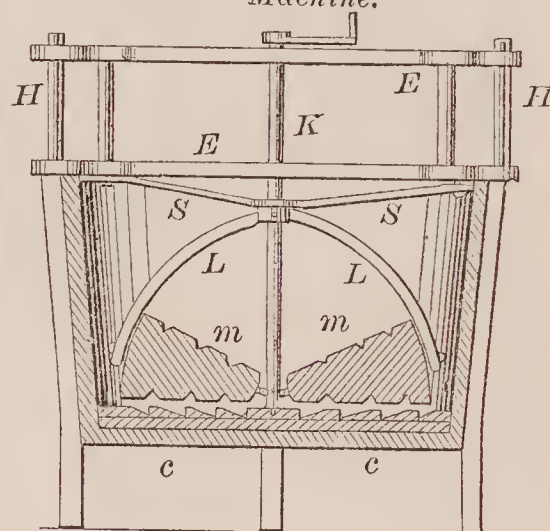
71089—F. Walter—*Confectionery.*



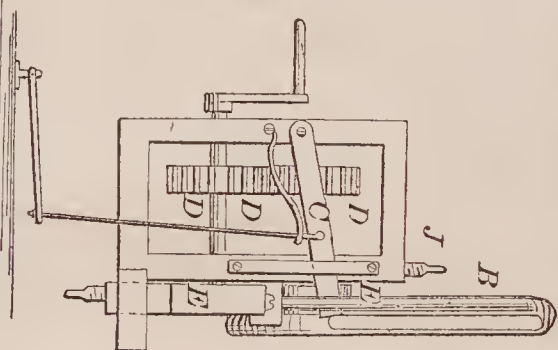
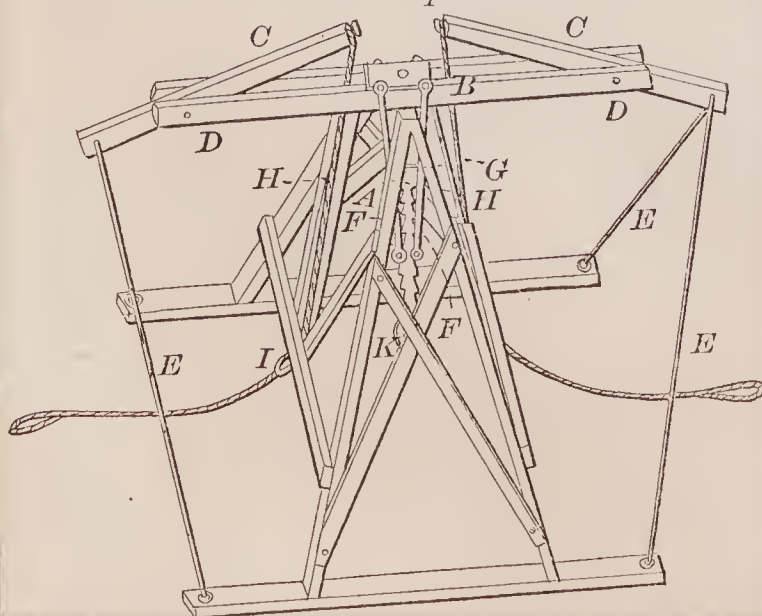
71087—T. H. Tibbles—*Hand Loo*



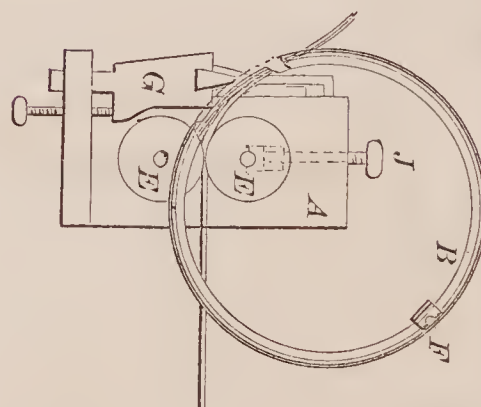
71090—H. Warner—*Washing Machine.*



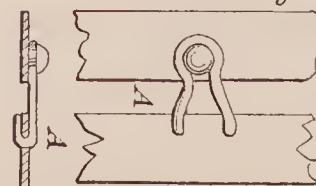
71088—J. Turner—*Stump Extractor.*



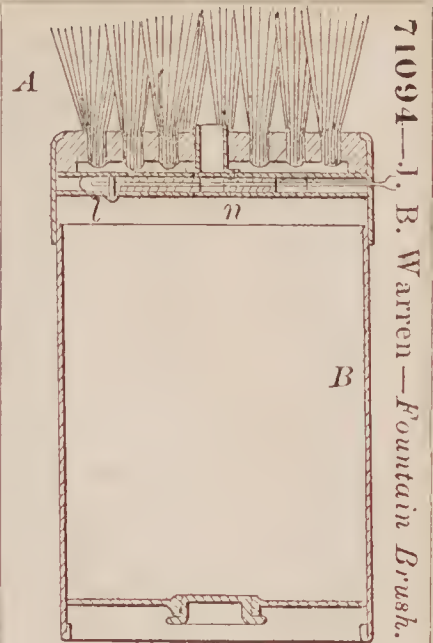
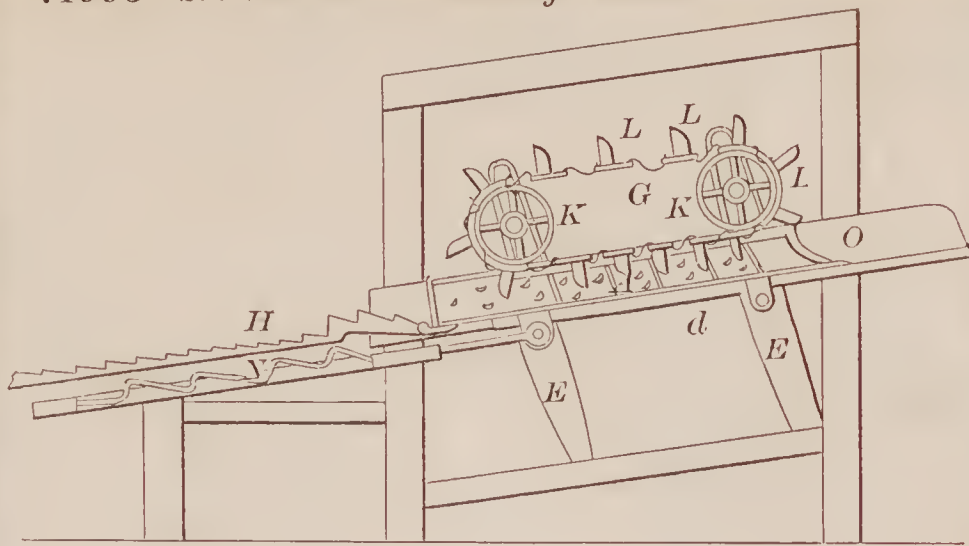
71091—J. Wasson—*For Cutting and Forming Wire.*



71092—A. W. Webster—*Corset Fastening.*

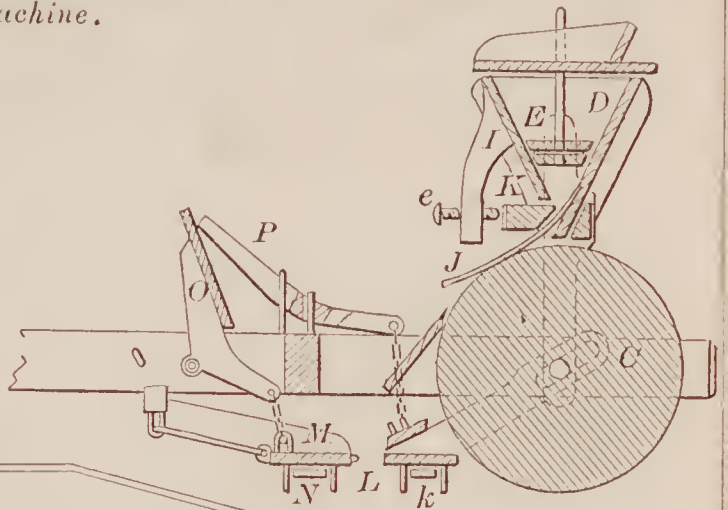
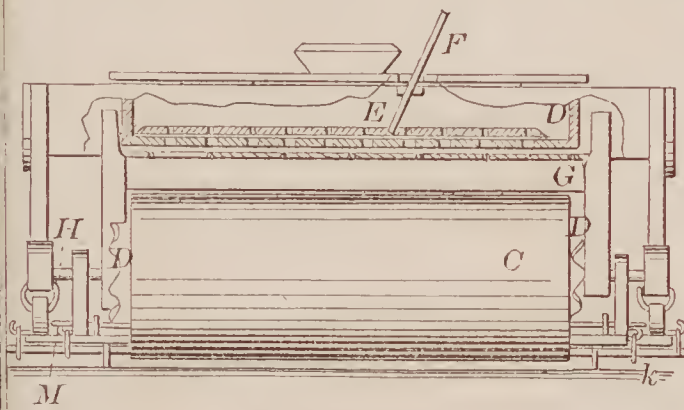


71093—S. D. Warner—*Threshing Machine.*

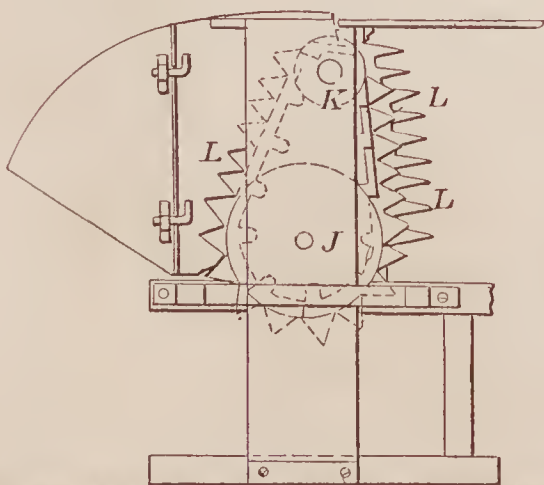
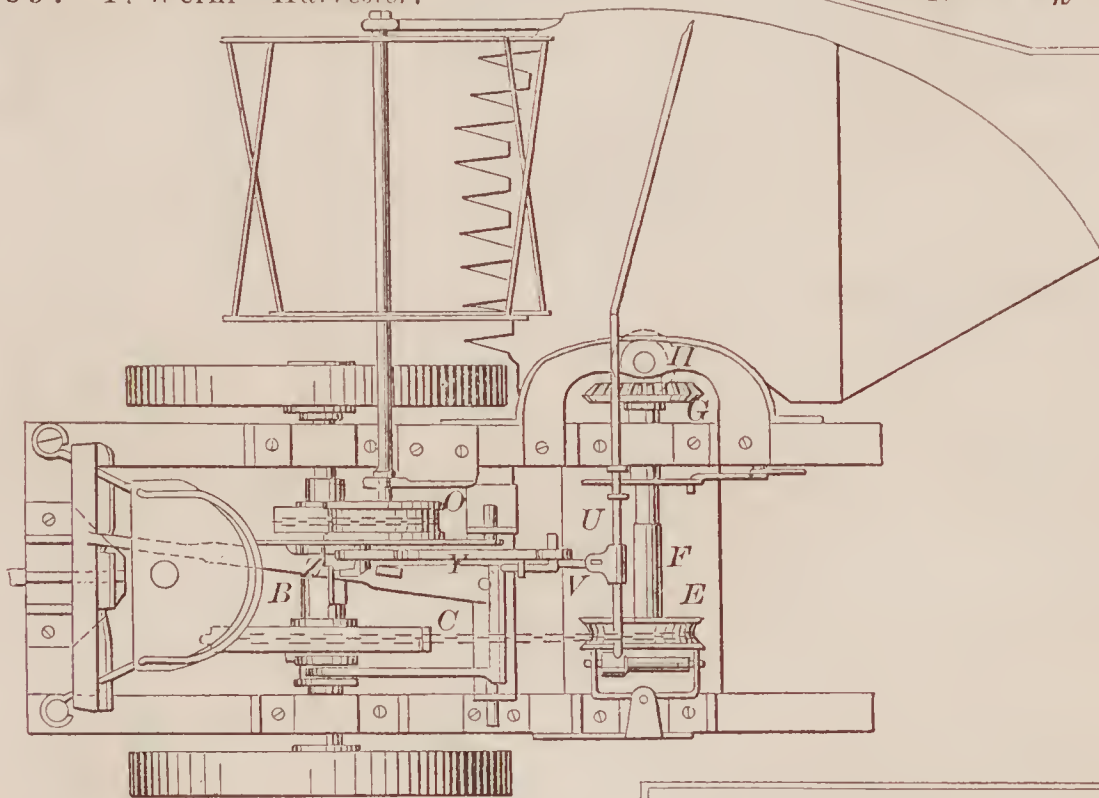


71094—J. B. Warren—*Fountain Brush.*

71096—A. Weitman—*Broadcast Seeding Machine.*



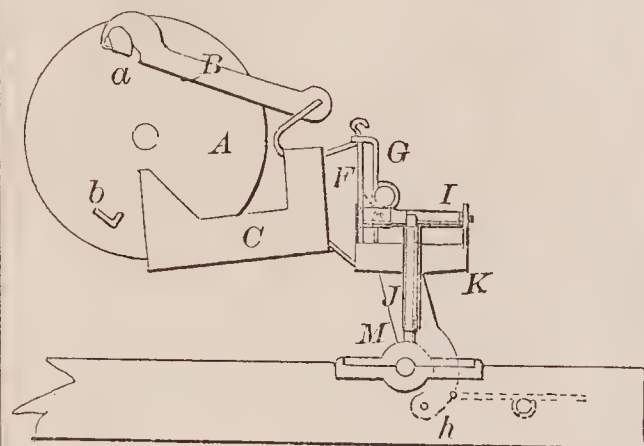
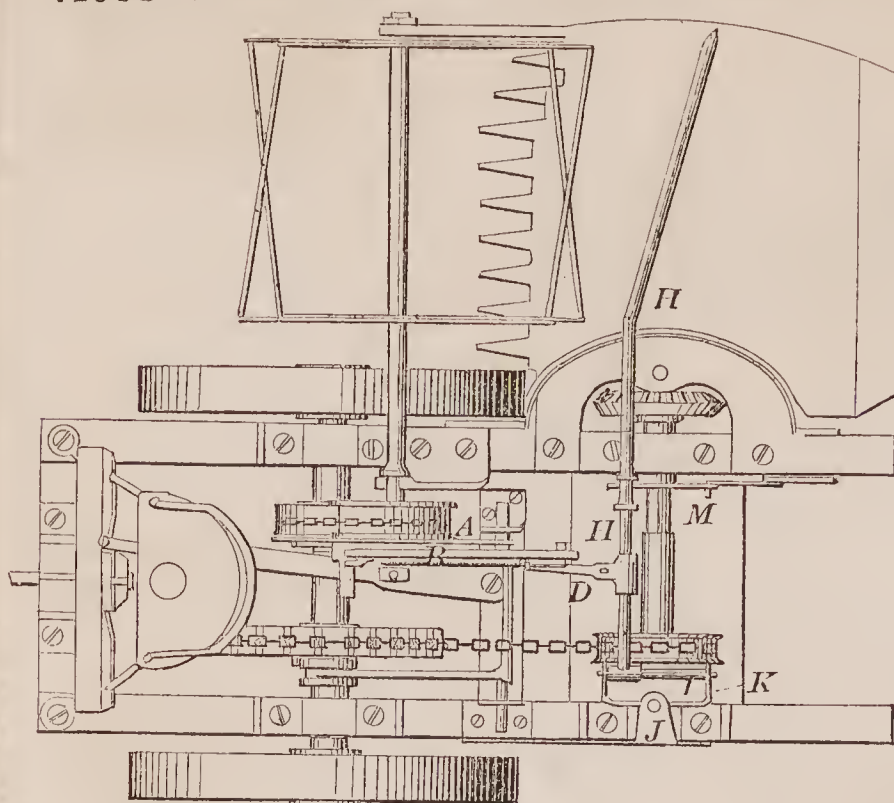
71097—P. Werni—*Harvester.*



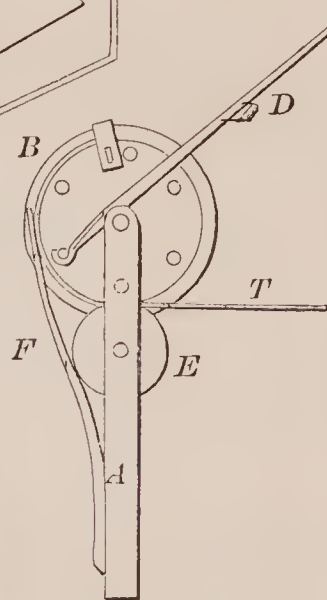
71095—J. Weidenman—*Rubber Shoe.*



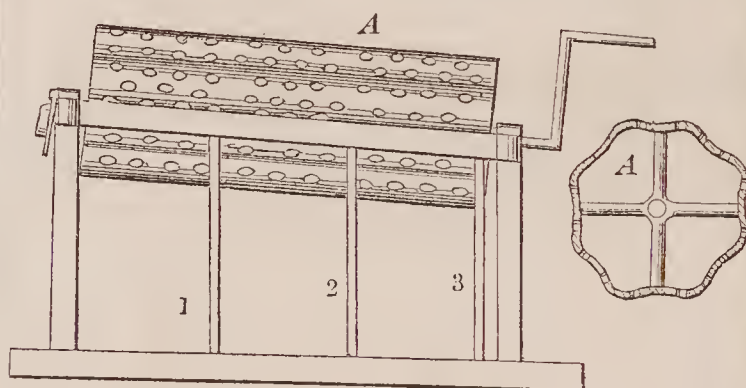
71098—P. Werni—Harvester Rake.



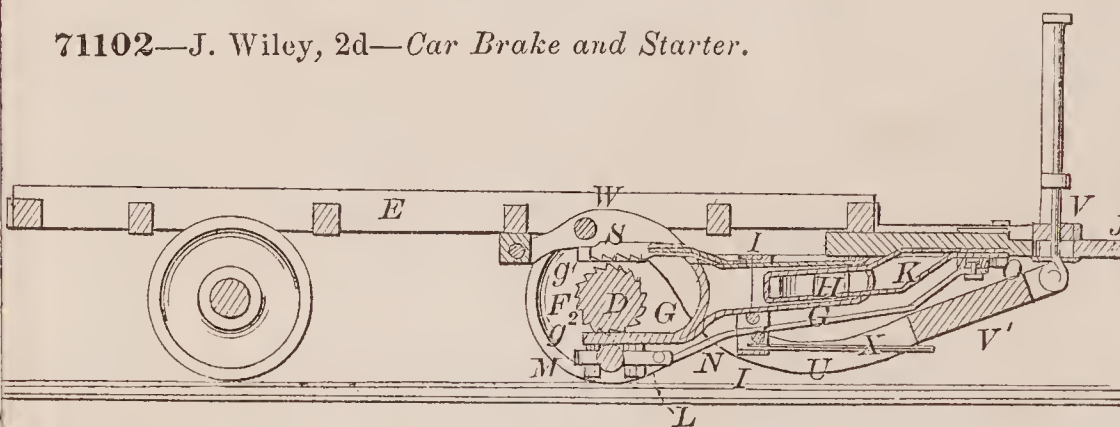
71100—D. Wetzel—For Bending Tires.



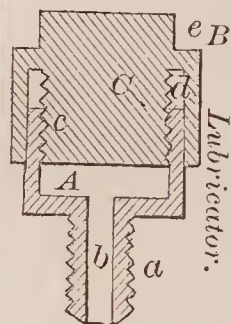
71099—E. W. Weston—Revolving Coal Screen.



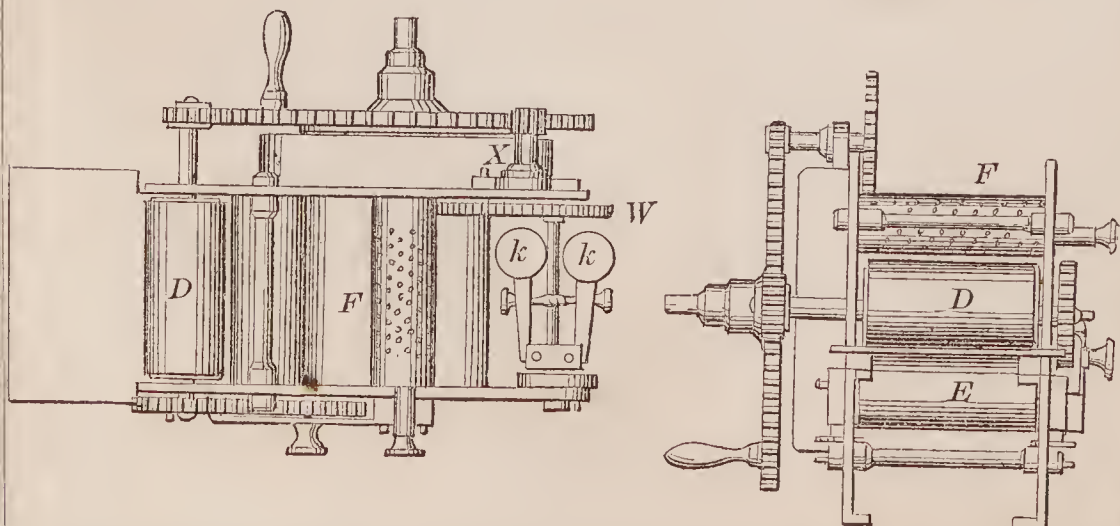
71102—J. Wiley, 2d—Car Brake and Starter.



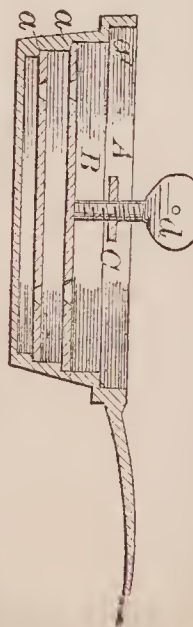
71101—W. P. White—Lubricator.



71103—J. M. Willbur—Printing Apparatus.



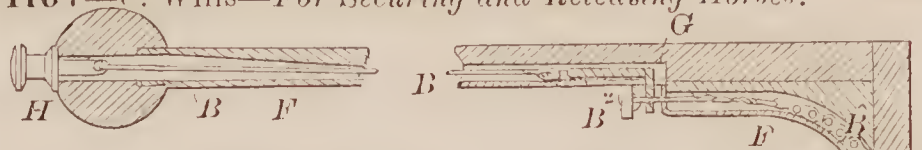
71104—J. M. Willbur—Stereotype Casting.



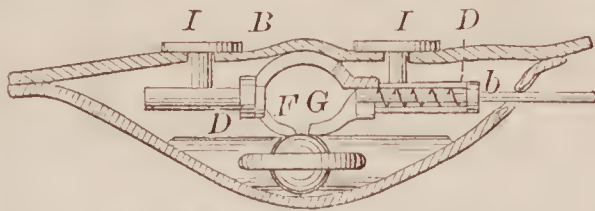


71105—J. M. Willburr—Hand Stamp.

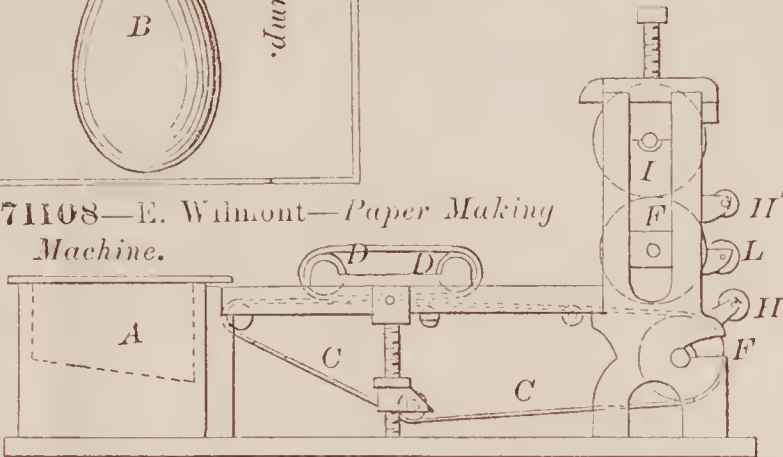
71107—C. Wills—For Securing and Releasing Horses.



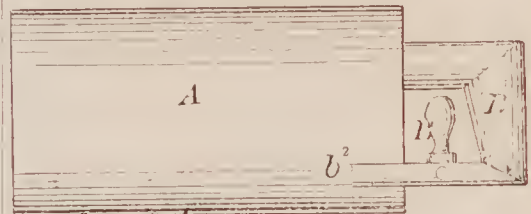
71106—E. Williams—Pocket Safety Attachment.



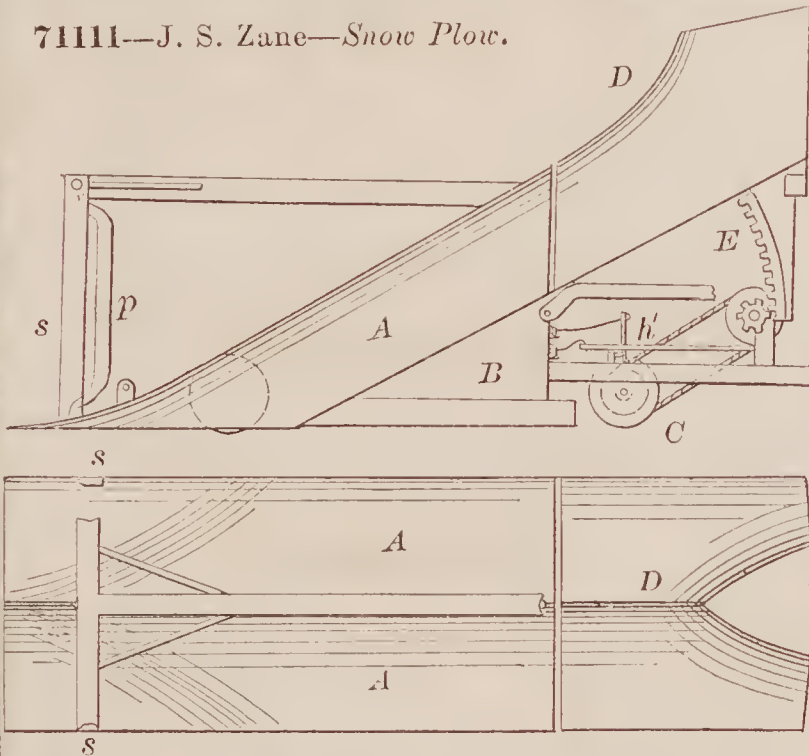
71108—E. Wilmont—Paper Making Machine.



71109—G. W. Wiswell—Boiler Cleaner.



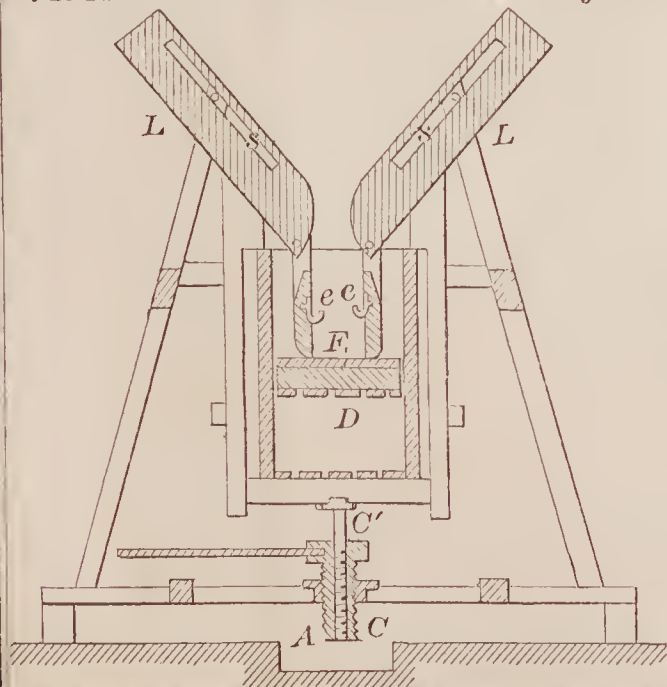
71111—J. S. Zane—Snow Plow.



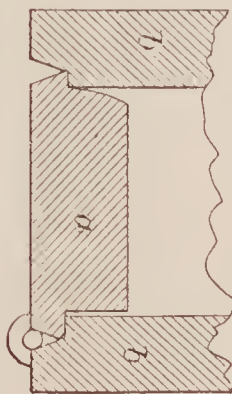
71112—C. E. Abbott—Lamp Extinguisher.



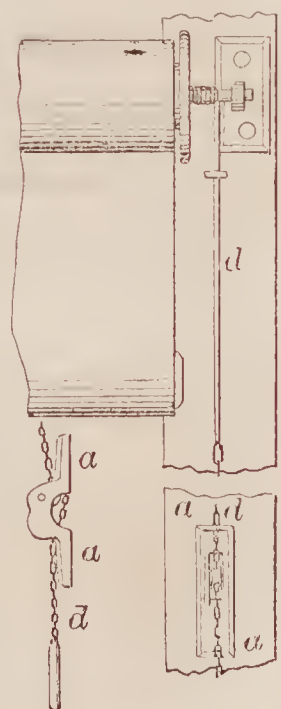
71113—B. B. Alfred—Cotton and Hay Press.



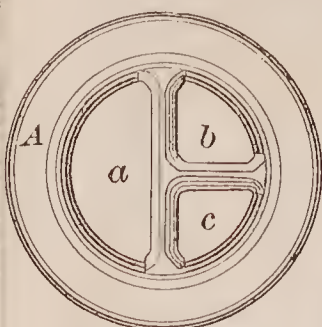
71110—L. Yale, Jr.—Burglar Proof Safe.



71114—G. Allix—For Raising Window Curtains.

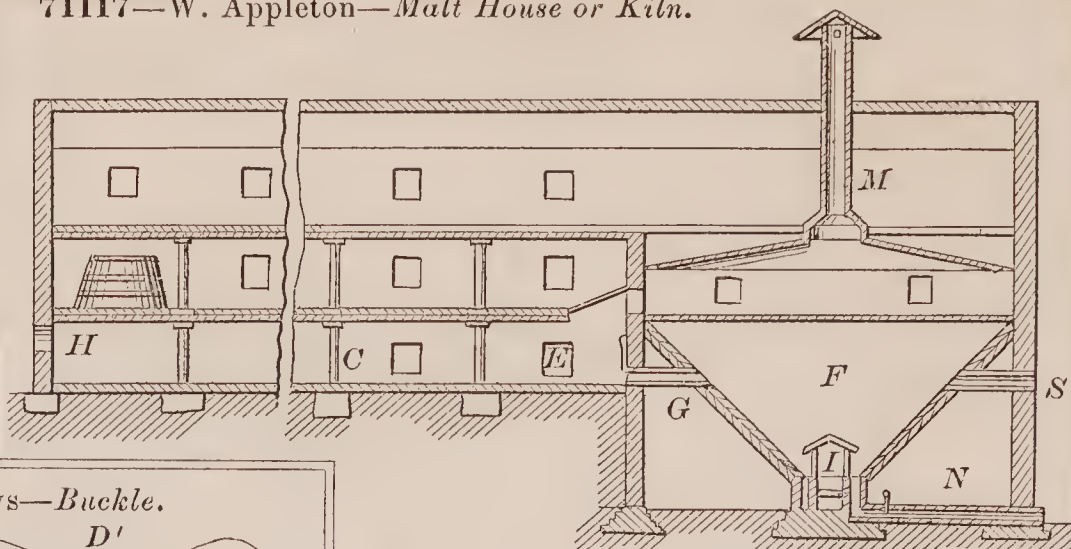


71115—
J. K. Andrews—

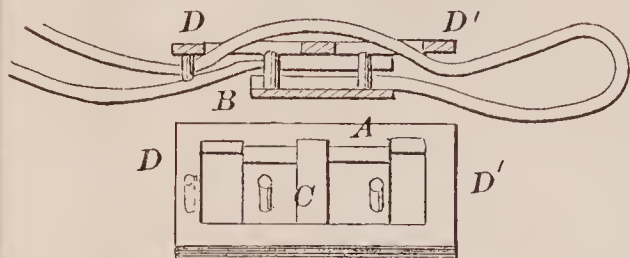


Dinner Plate.

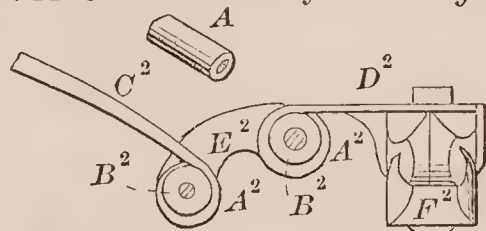
71117—W. Appleton—Malt House or Kiln.



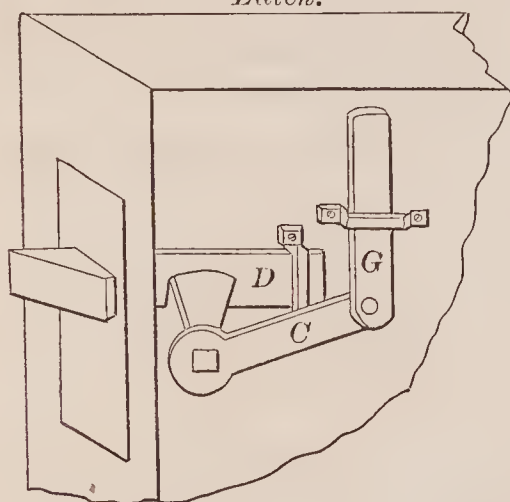
71116—J. K. Andrews—Buckle.



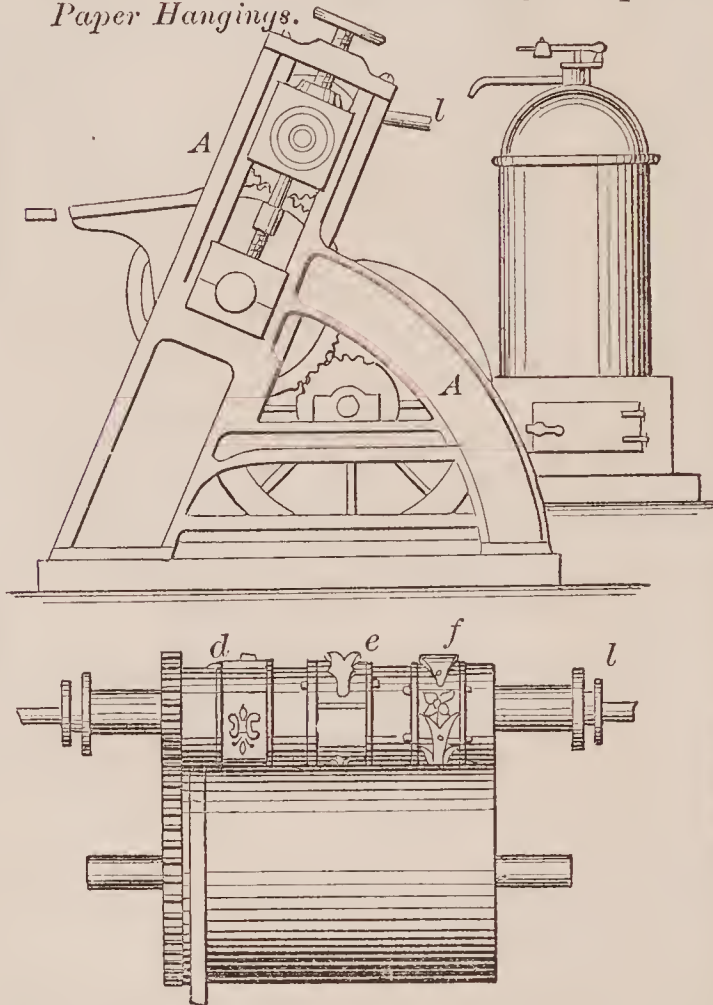
71118—J. R. Ashley—Carriage Spring.



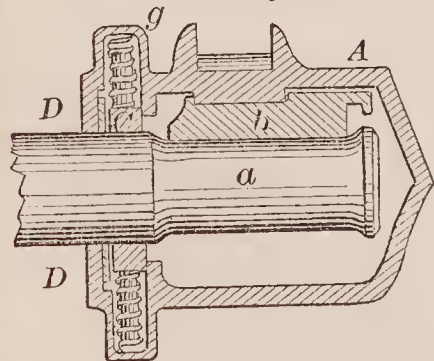
71123—N. Belvallette—Carriage Door Latch.



71120—W. Bailey—For Making Stamp Gilt Paper Hangings.



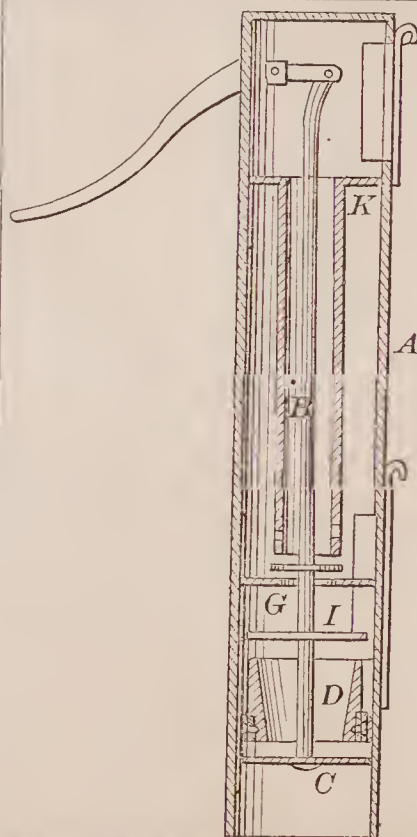
71125—W. A. Boyden—Axle Box.



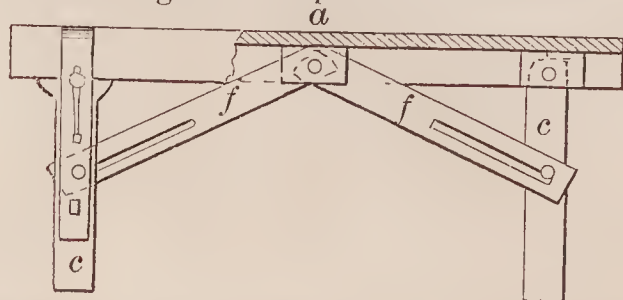
71124—W. Betts—Metallic Capsule for Bottles.



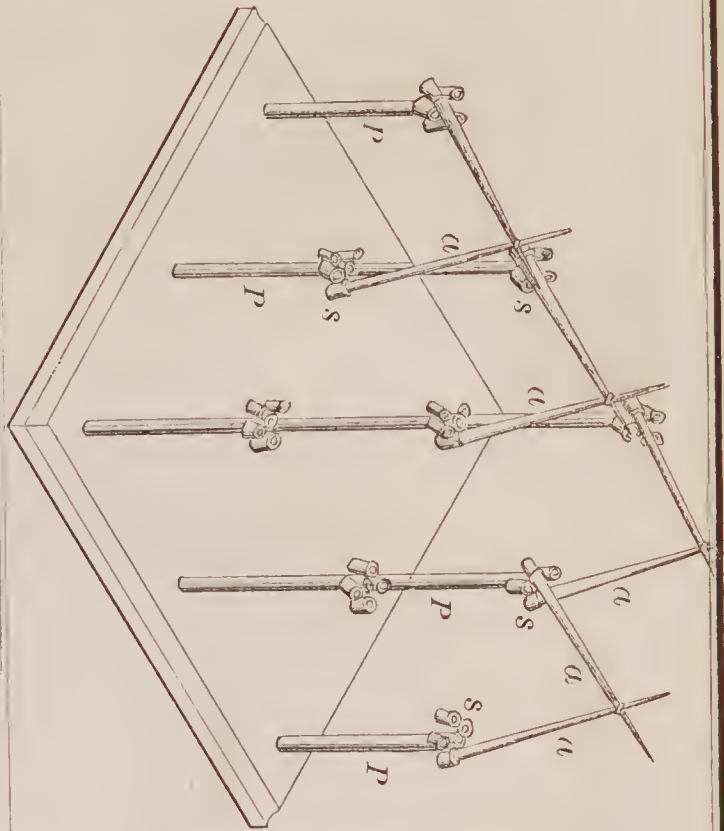
71122—J. Bean—Pump.



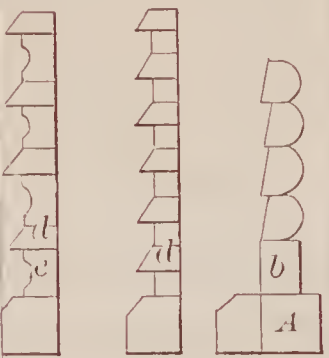
71126—J. Bragdon—Carpenters' Work Bench.



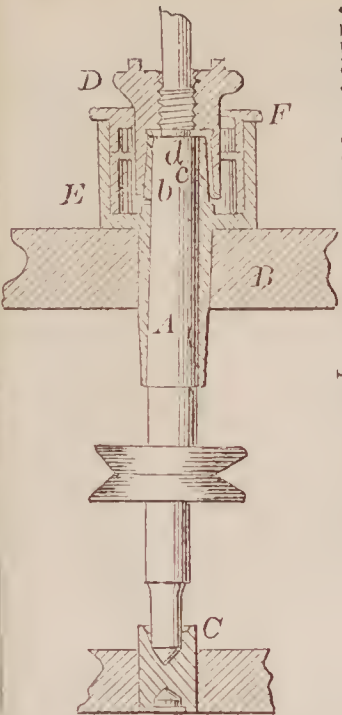
71128—C. T. Bush—Hop Vine Support.



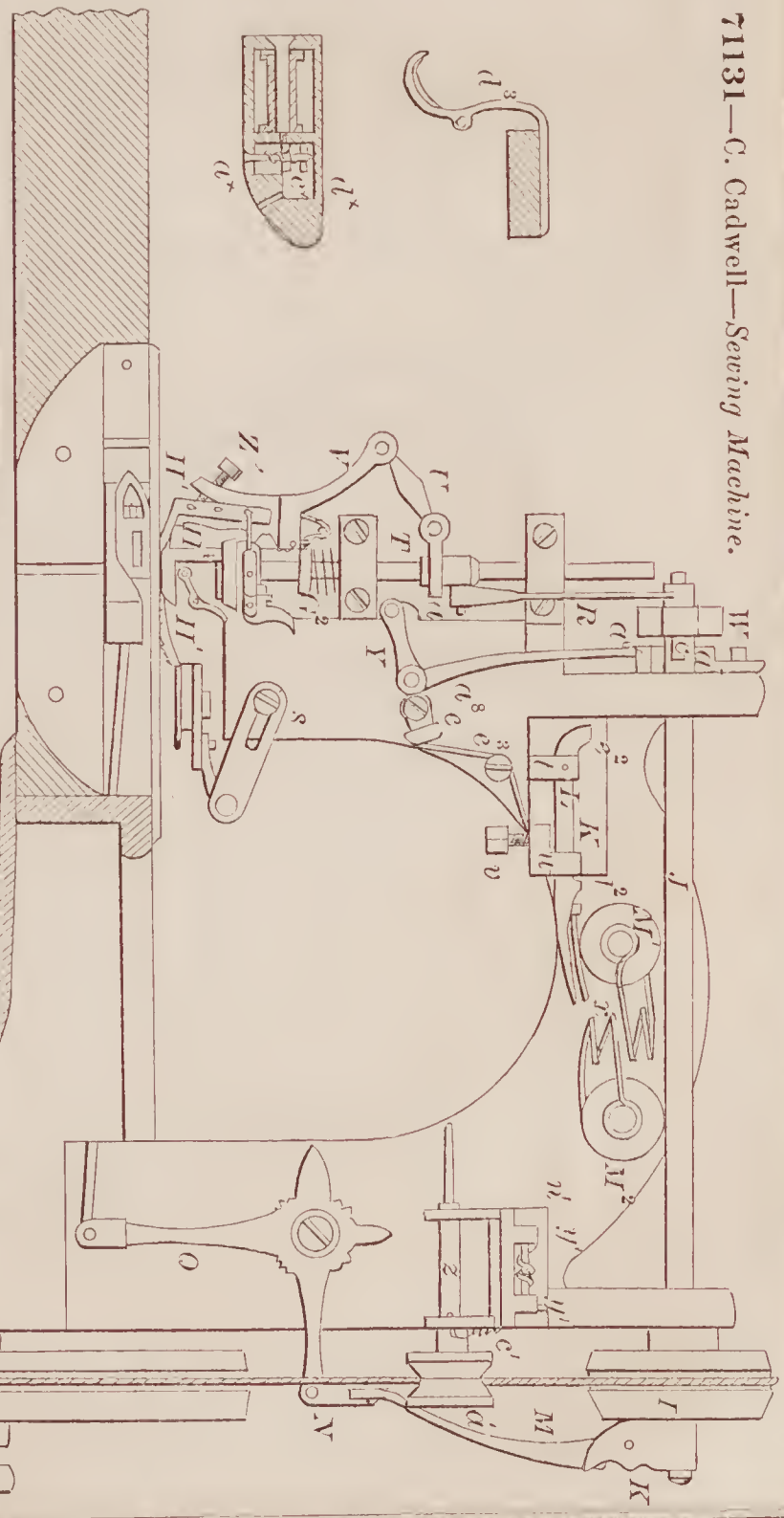
71130—J. Busser—Wooden Building.



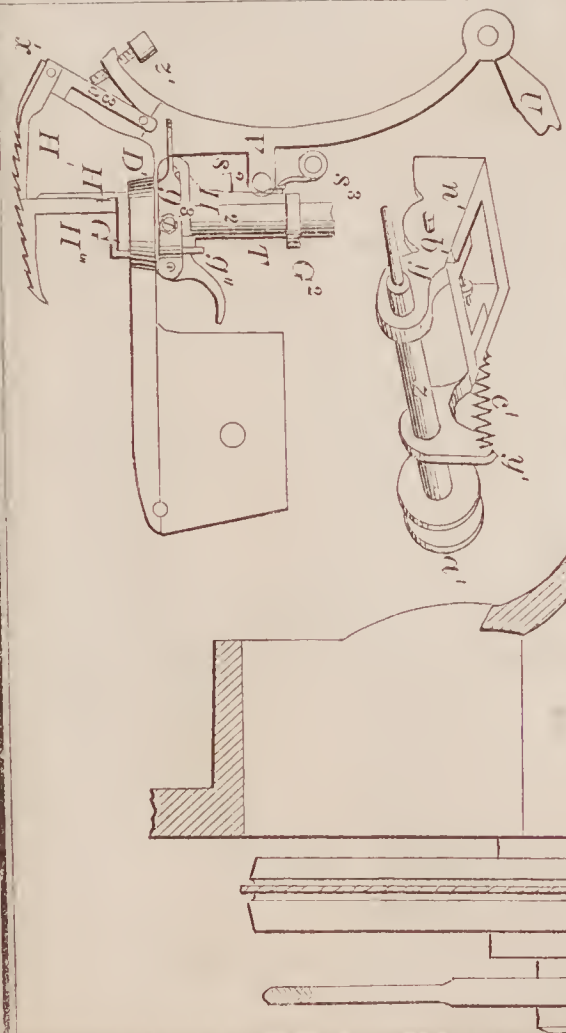
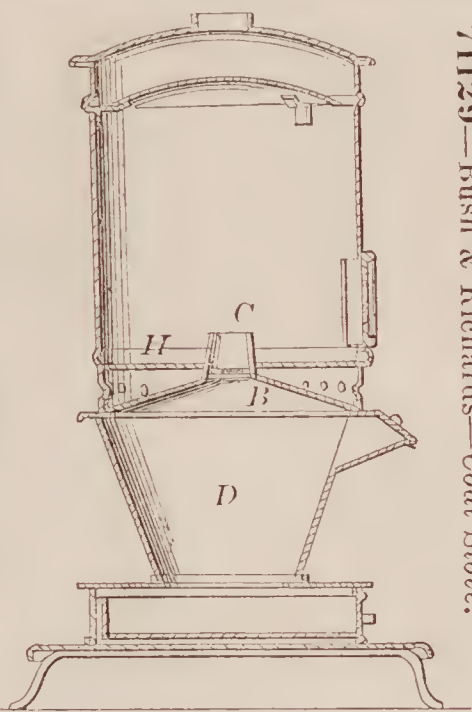
71127—J. E. Brown—Spindle Bolster.

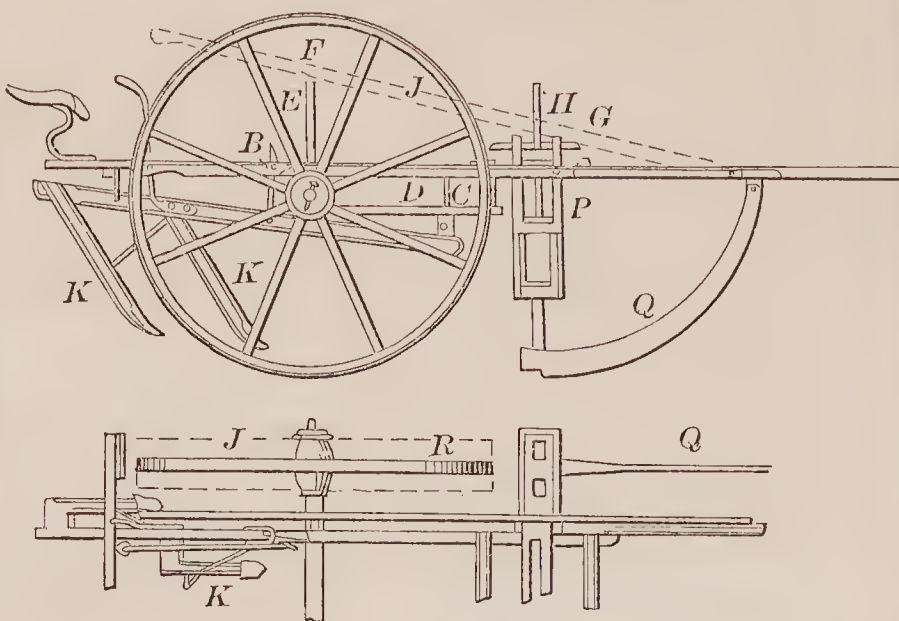
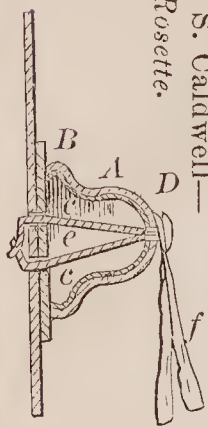
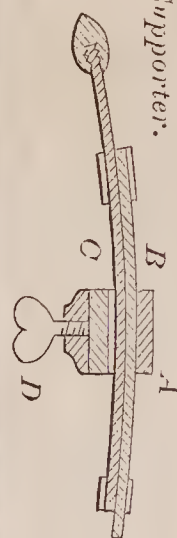
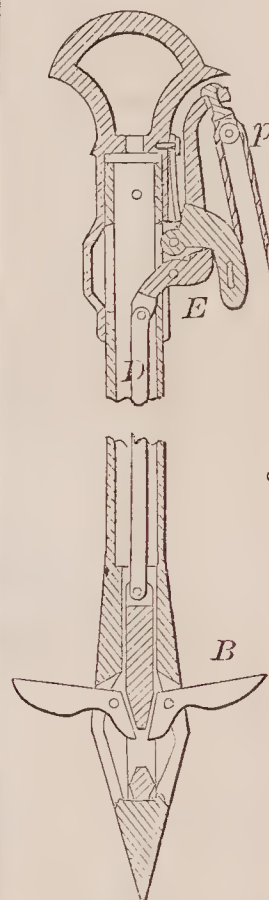
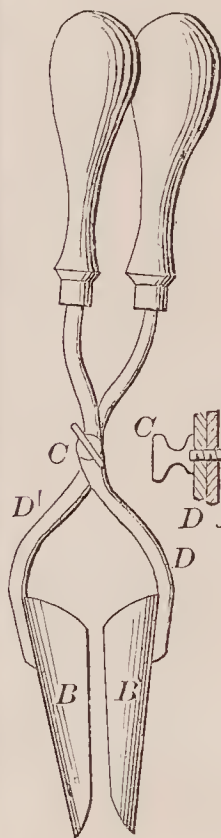
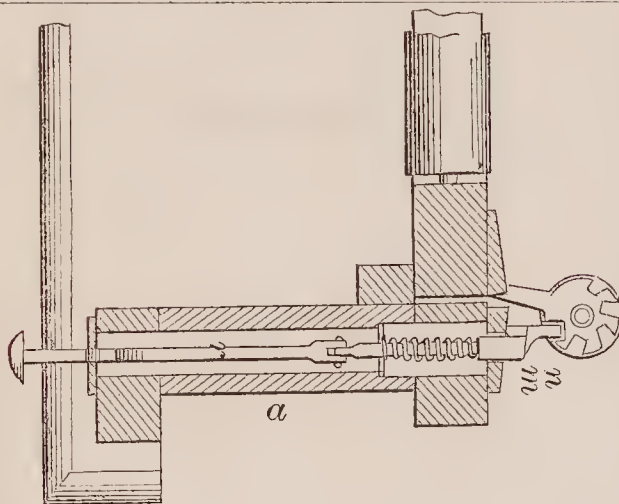
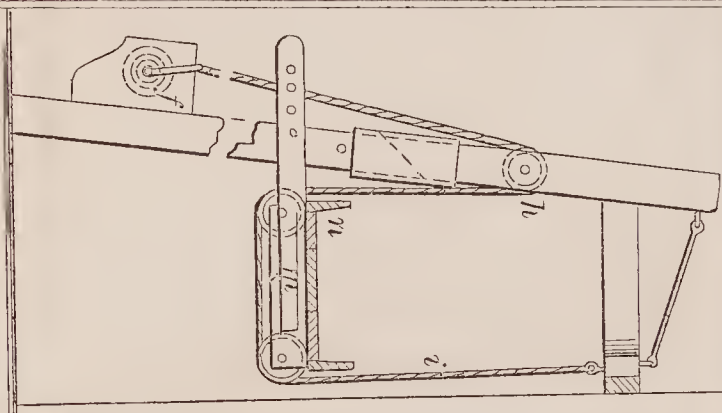
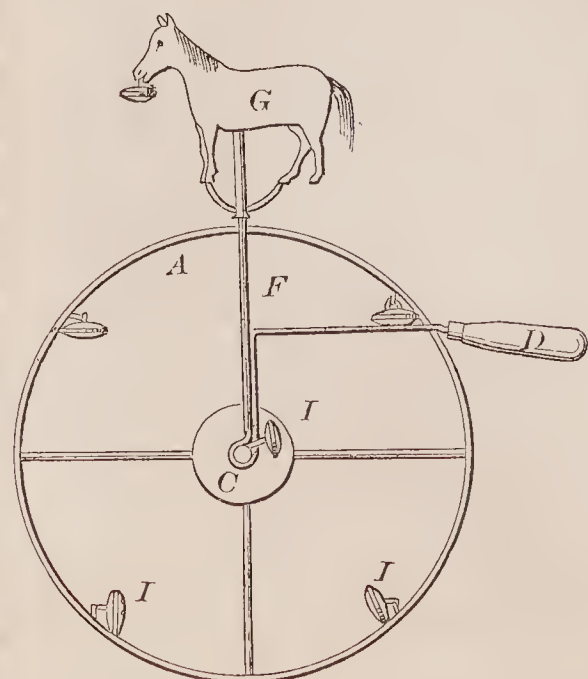
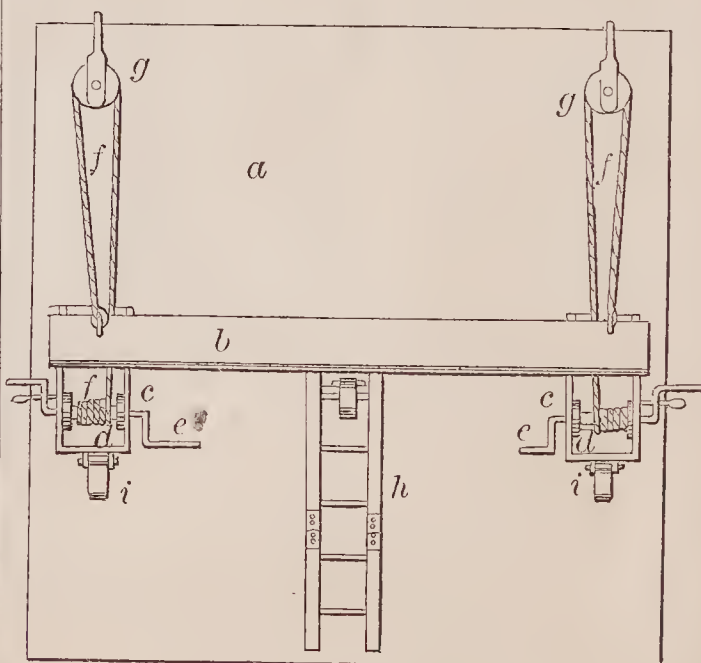


71131—C. Cadwell—Sewing Machine.

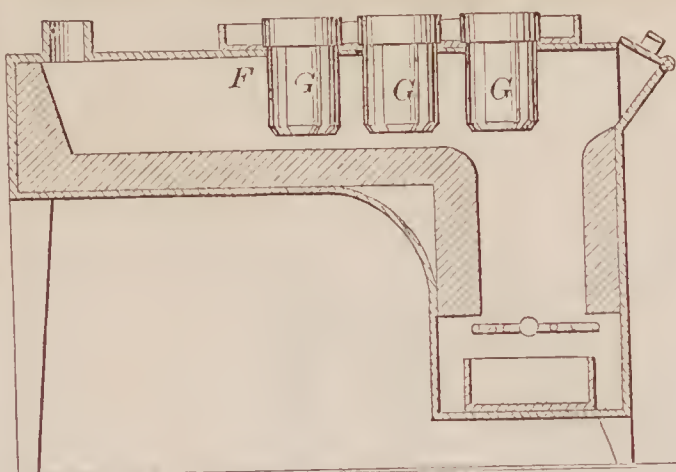


71129—Bush & Richards—Coal Stove.

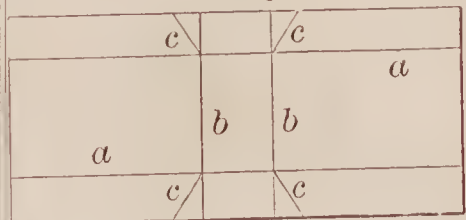


71134—I. H. Chappell—*Planter and Cultivator.*71132—G. S. Caldwell—*Harness Rosette.*71136—H. M. Clemence—*Garment Supporter.*71137—A. Coates—*Horse Hay Fork.*71133—H. Carmichael—*Transplanter.*71135—F. A. Chavante—*Blind Fastening.*71139—N. B. Crawford—*Building Scaffold.*71138—Crawford & Hervey—*Toy Hoop.*71140—N. B. Crawford—*Scaffold for Roofs.*

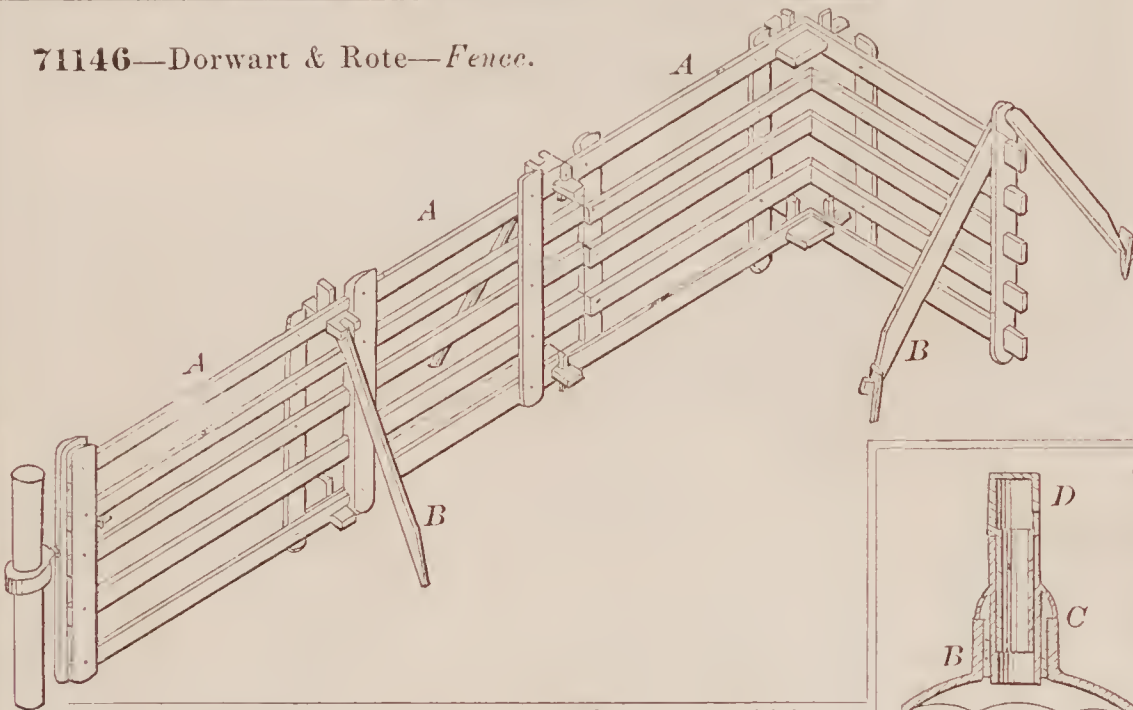
71141—L. Cutting—Soldering Furnace.



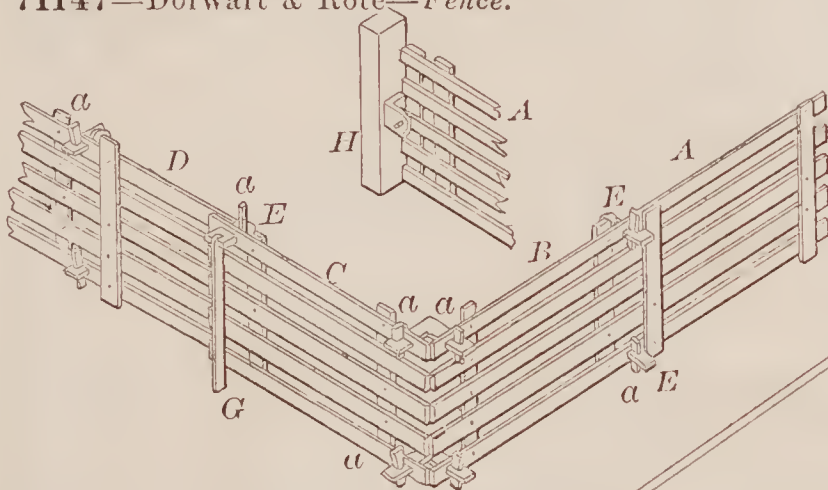
71143—G. & D. Dare—Paper Bag.



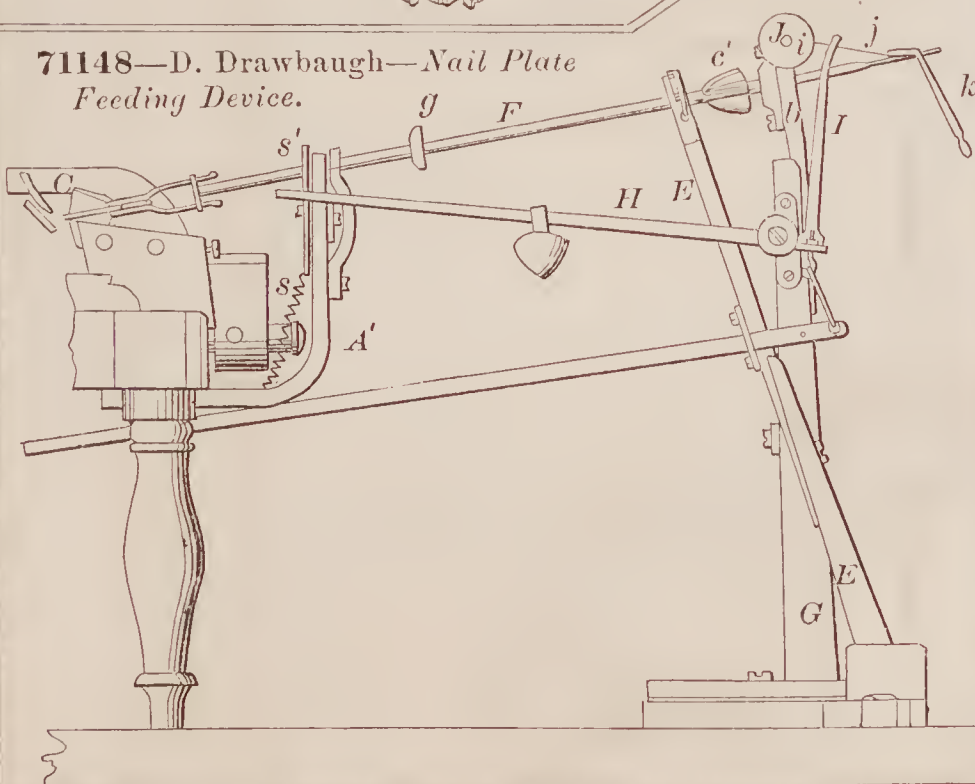
71146—Dorwart & Rote—Fence.



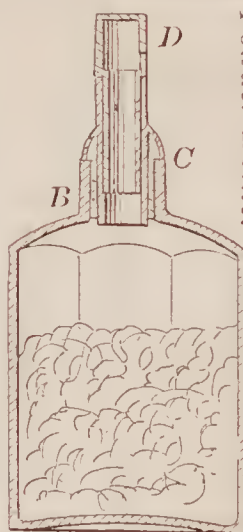
71147—Dorwart & Rote—Fence.



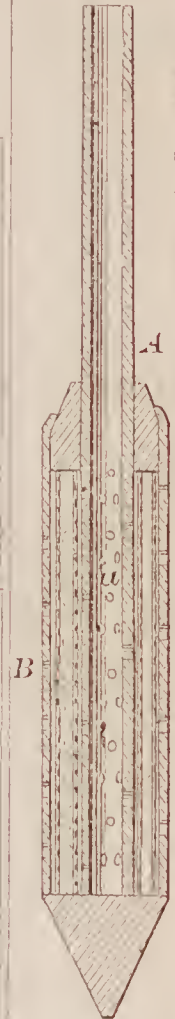
71148—D. Drawbaugh—Nail Plate Feeding Device.



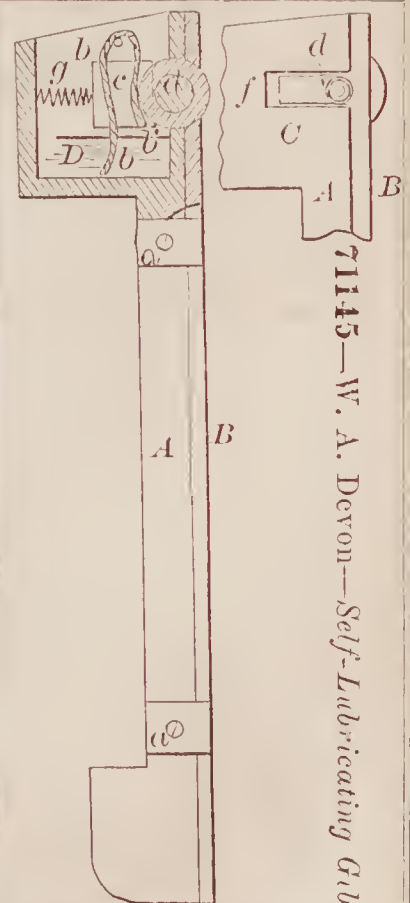
71142—J. B. Da Camara, Jr.—Tooth Powder Bottle.



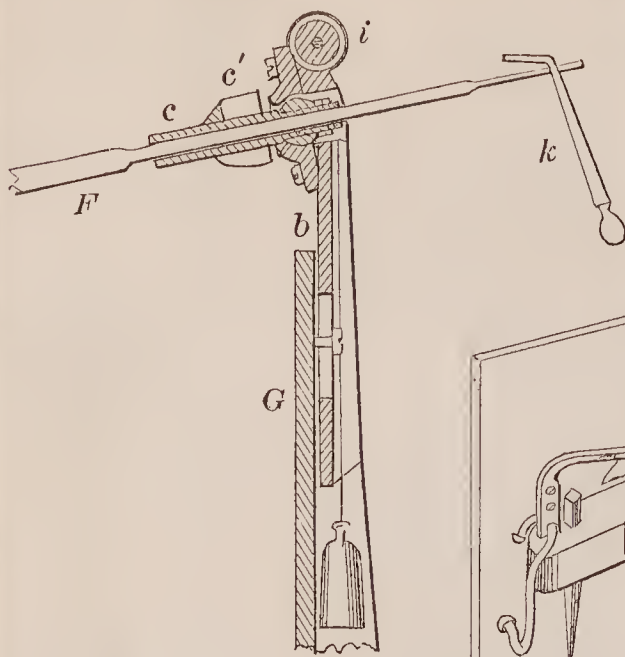
71144—T. J. Dean—Tube Well.



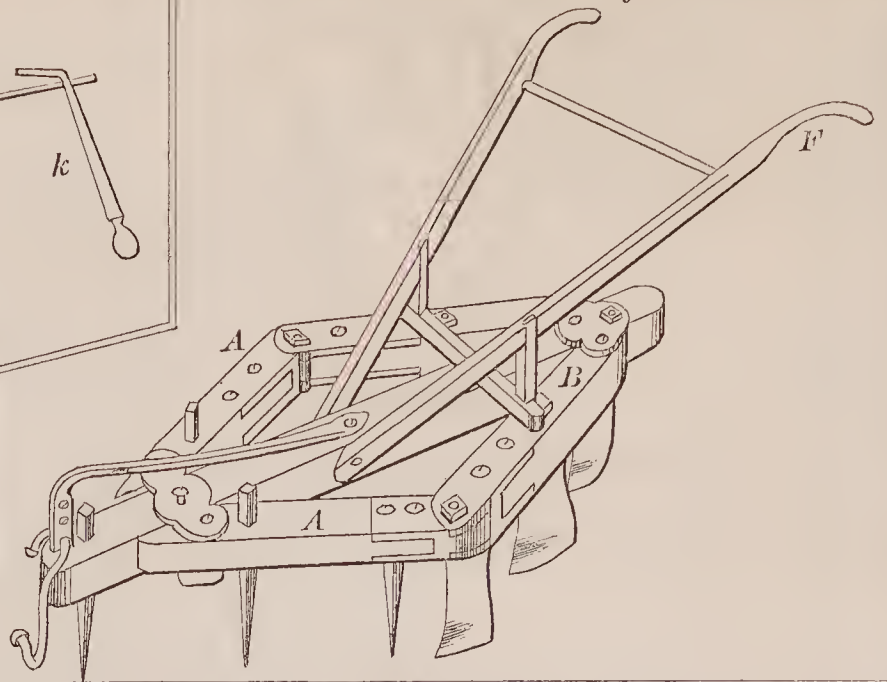
71145—W. A. Devon—Self-Lubricating Gb.



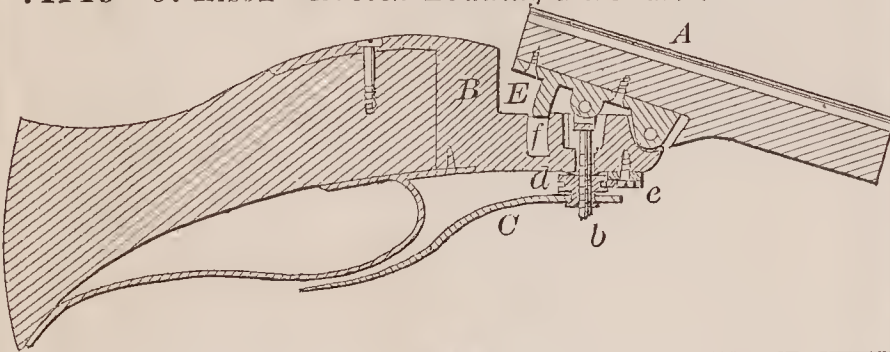
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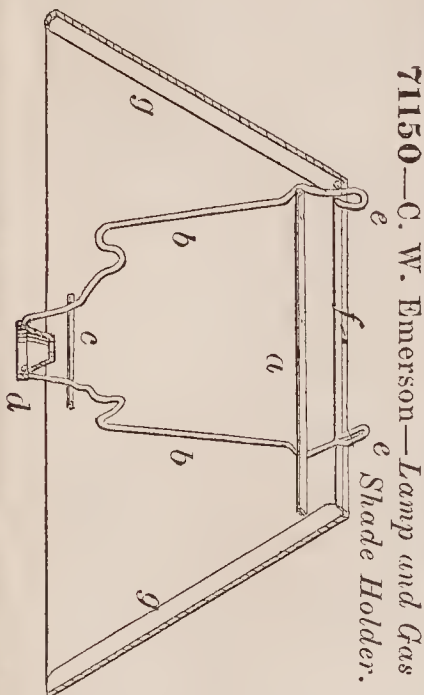
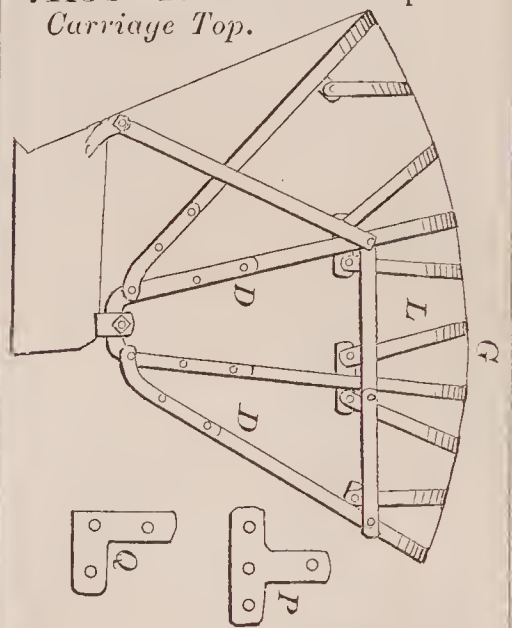
71152—J. W. Ernst—Adjustable Cultivator.



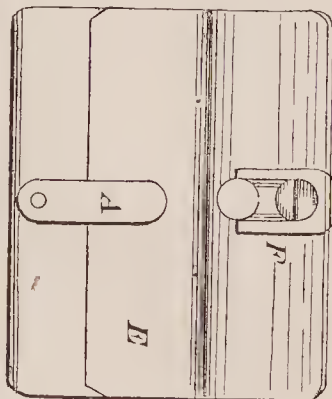
71149—J. Elson—Breech-Loading Fire Arm.



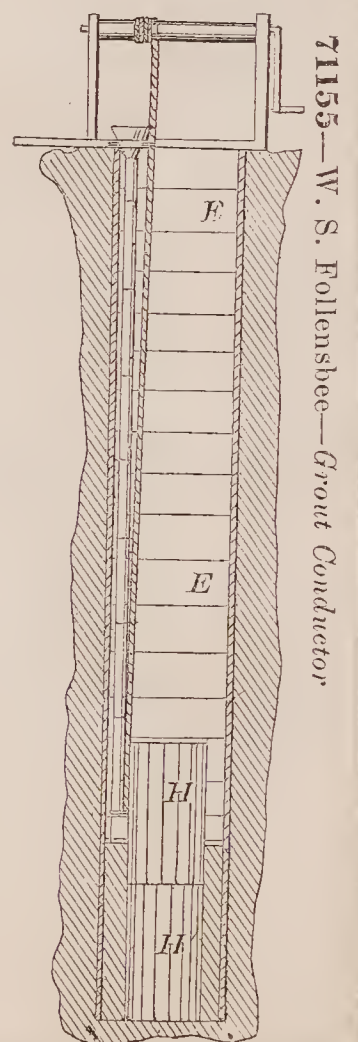
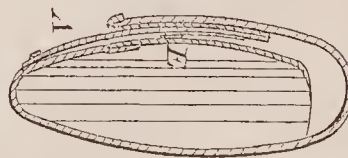
71151—Emmones & Simpson—Carriage Top.



71150—C. W. Emerson—Lamp and Gas Shade Holder.

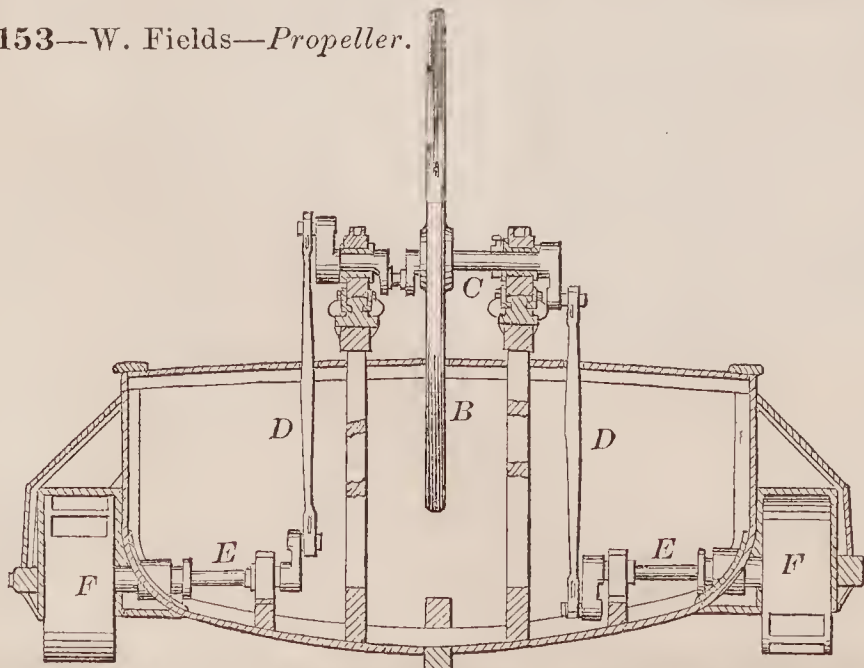


71154—D. E. Fisk—Pocket Book Clasp.

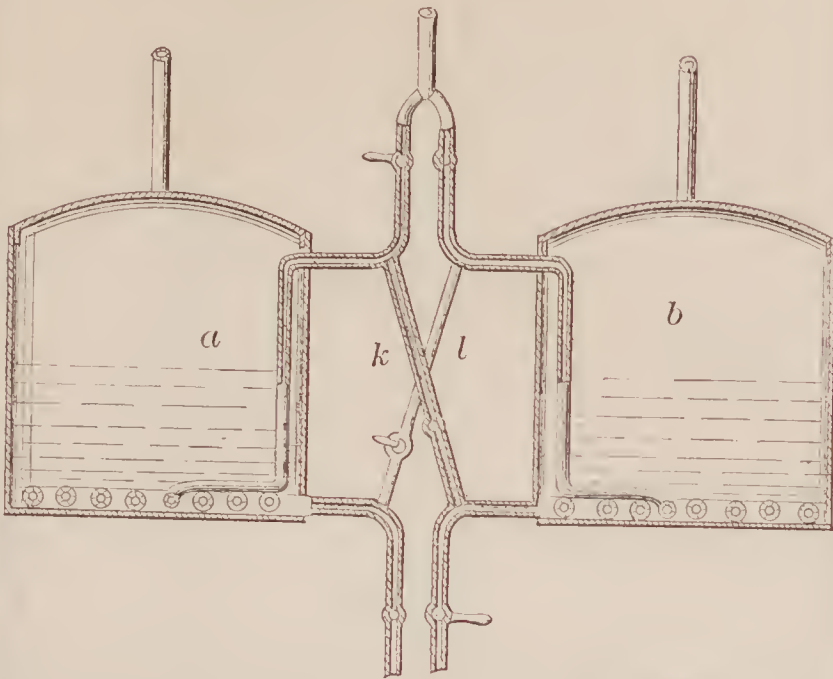


71155—W. S. Follensbee—Grout Conductor

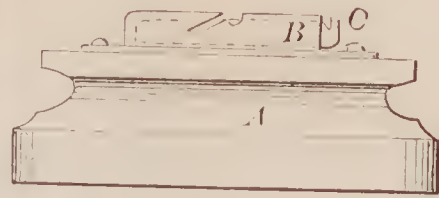
71153—W. Fields—Propeller.



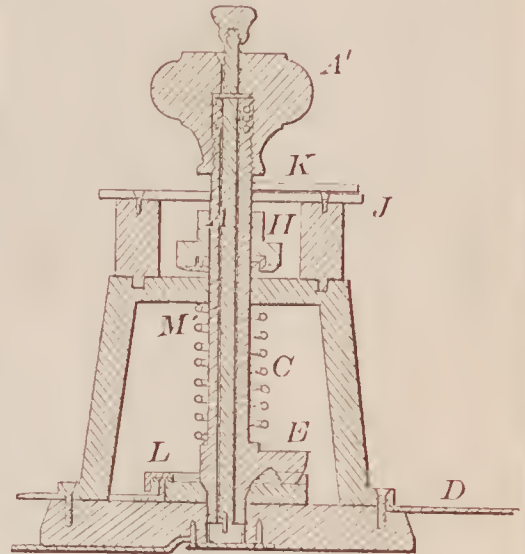
71156—A. Foubert—*For Distilling.*



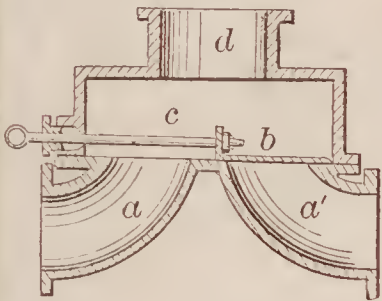
71157—W. L. Gallaudet—*Thread Cutter.*



71158—S. Gardiner, Jr.—*Electric Switch.*



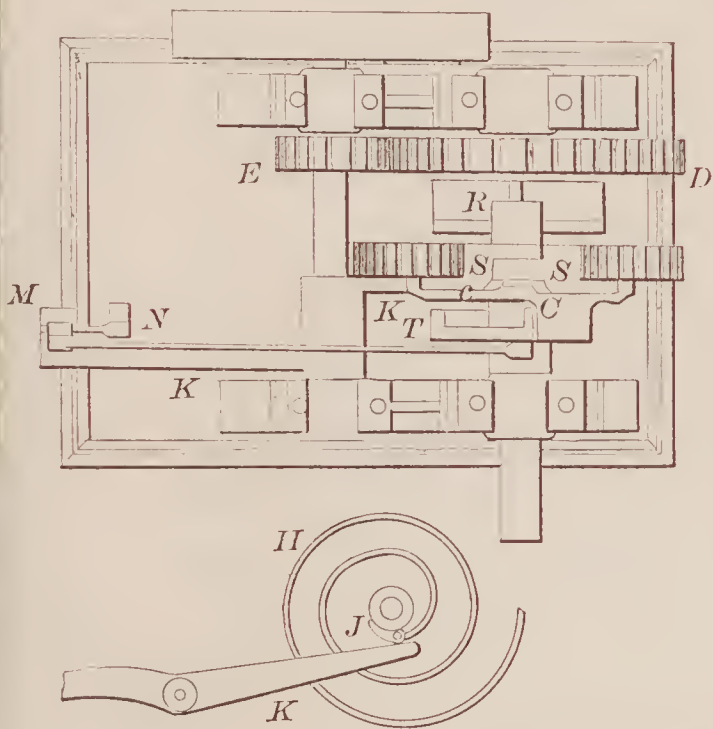
71159—E. Garfield—*Steam Engine.*



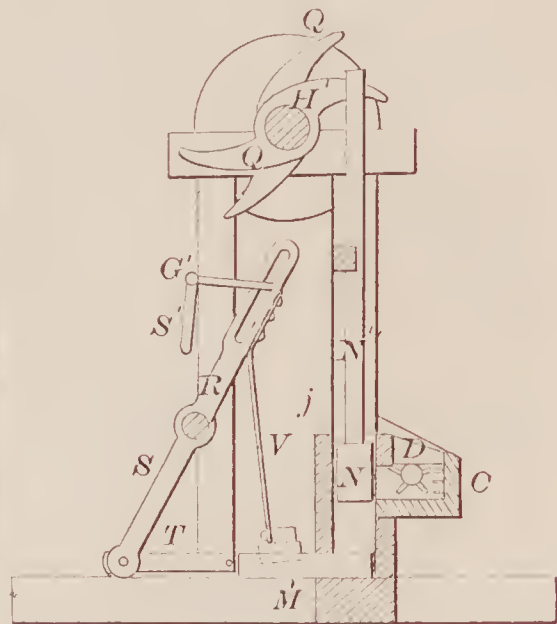
71161—C. P. Gorley—*Candlestick.*



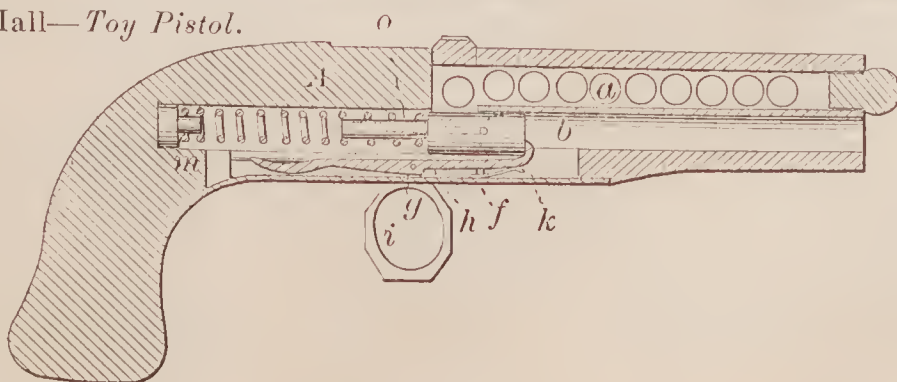
71160—J. E. Gillespie—*Motive Power Regulator.*



71163—E. M. Hamilton—*For Pressing Peat, Clay, &c.*



71162—J. Hall—*Toy Pistol.*



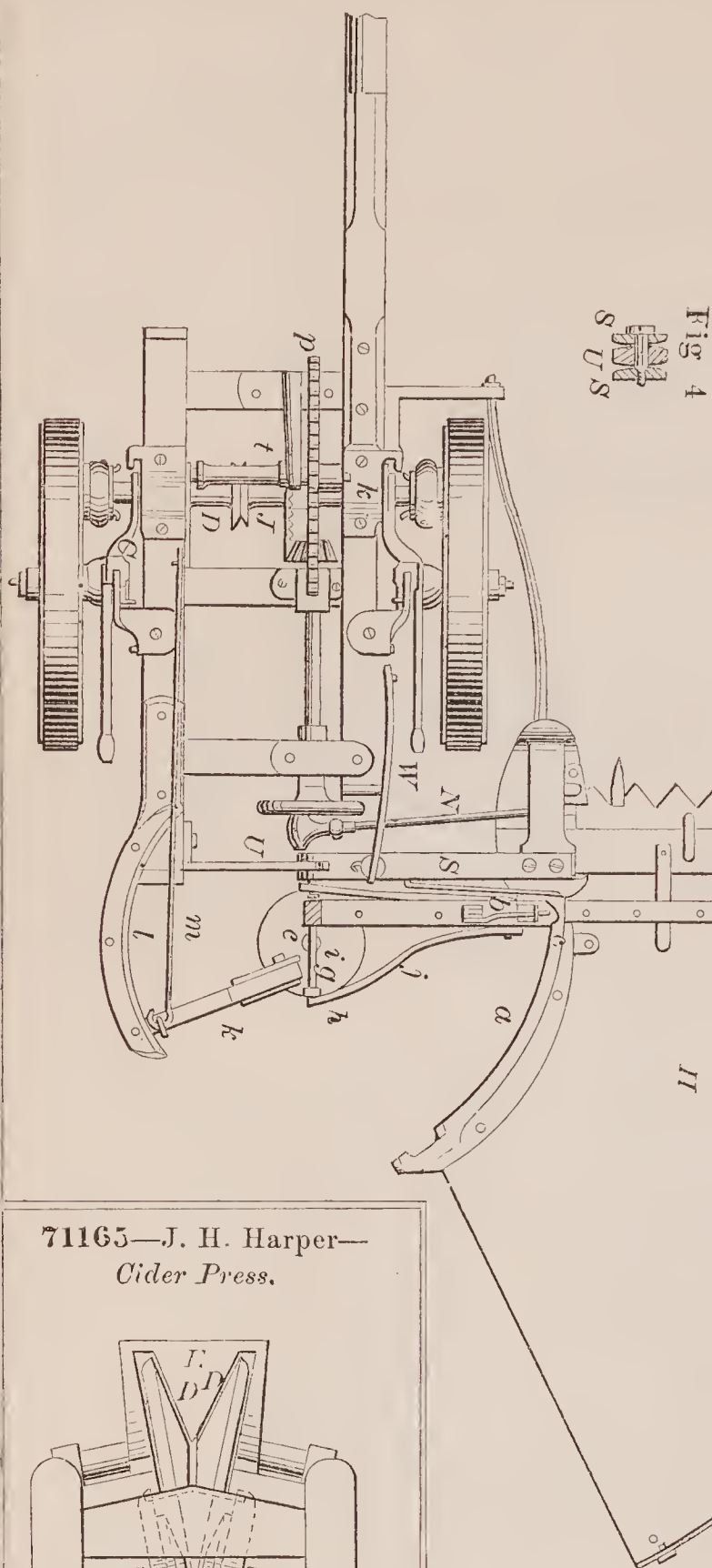
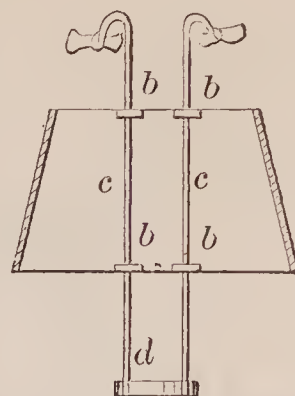
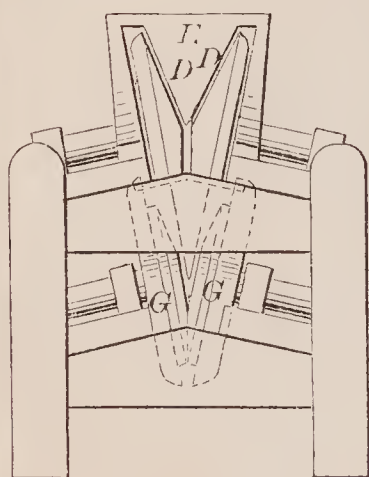
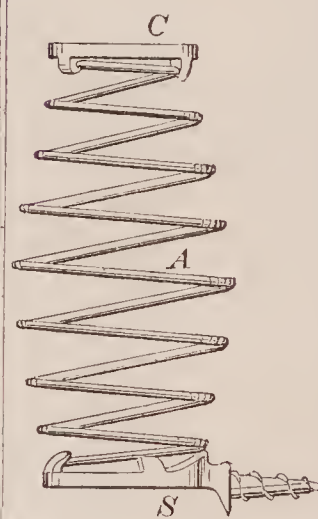
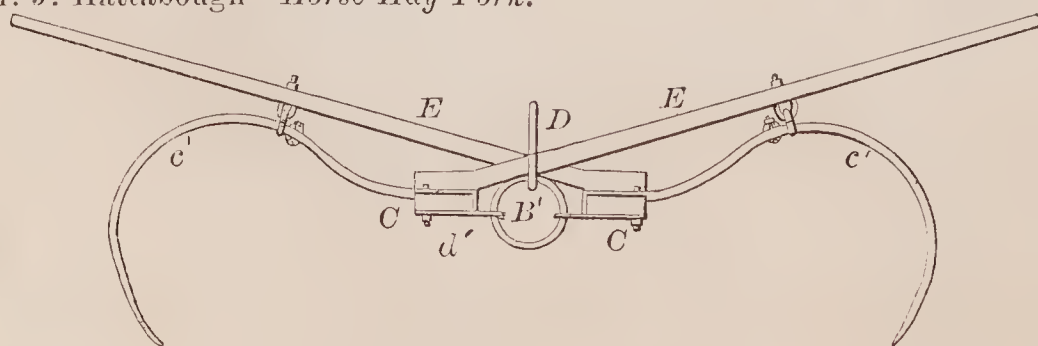
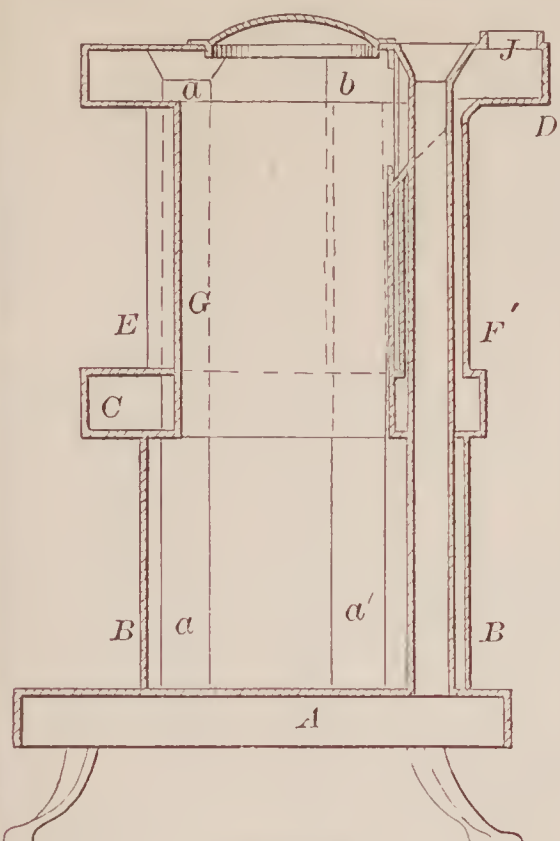
71164—D. S. Harner—*Harvester.*Fig. 4
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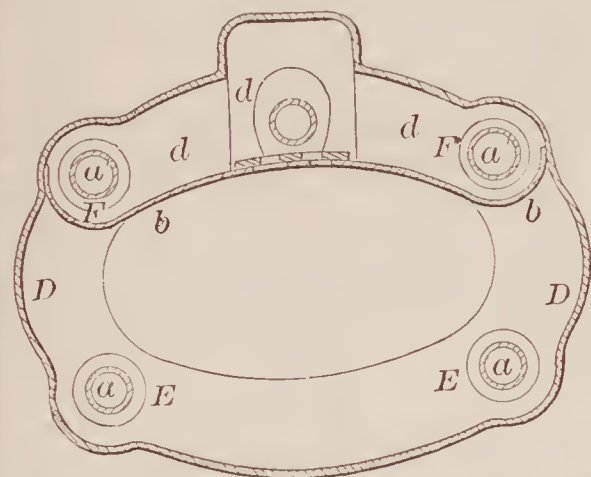
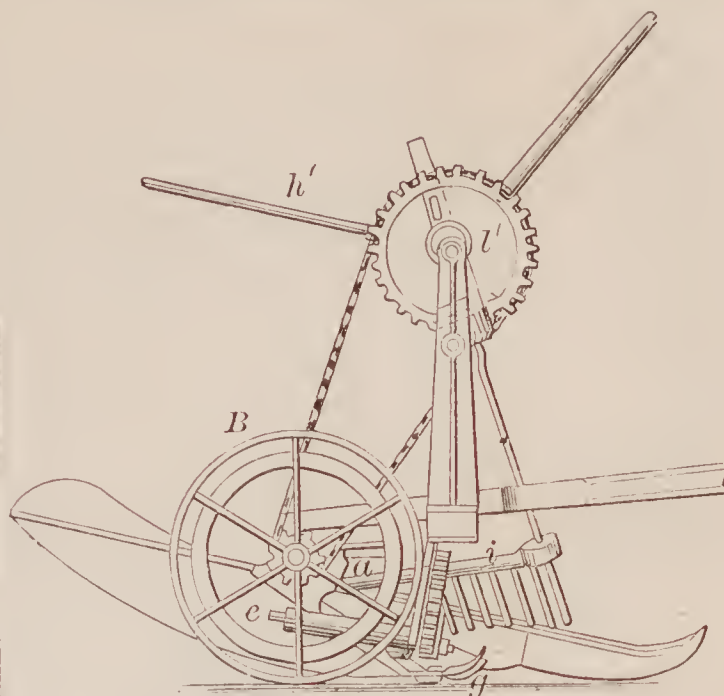
Fig. 1

71168—E. K. Haynes—*Lamp Shade.*71166—H. A. Harvey—*Screw Nail.*71165—J. H. Harper—*Cider Press.*71169—E. S. Hayward—*Bed Spring.*71167—I. J. Hattabough—*Horse Hay Fork.*

71171—T. Henney—*Hot Air Stove.*



71175—Howard & Bousfield—*Harvester.*



71173—L. Hoszek—*Ventilating Apparatus.*

Fig. 1

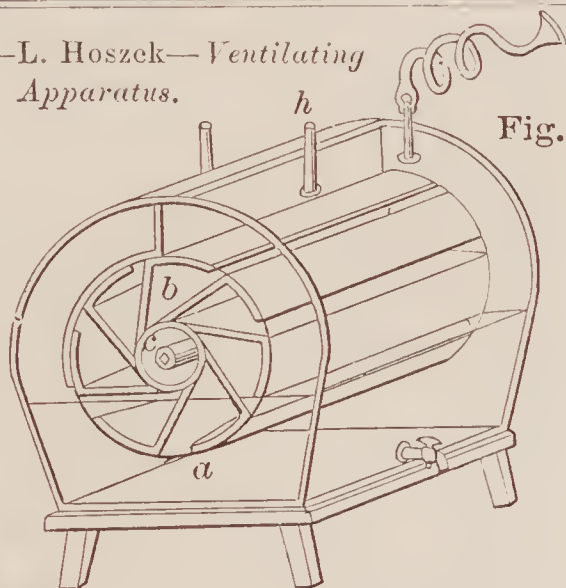
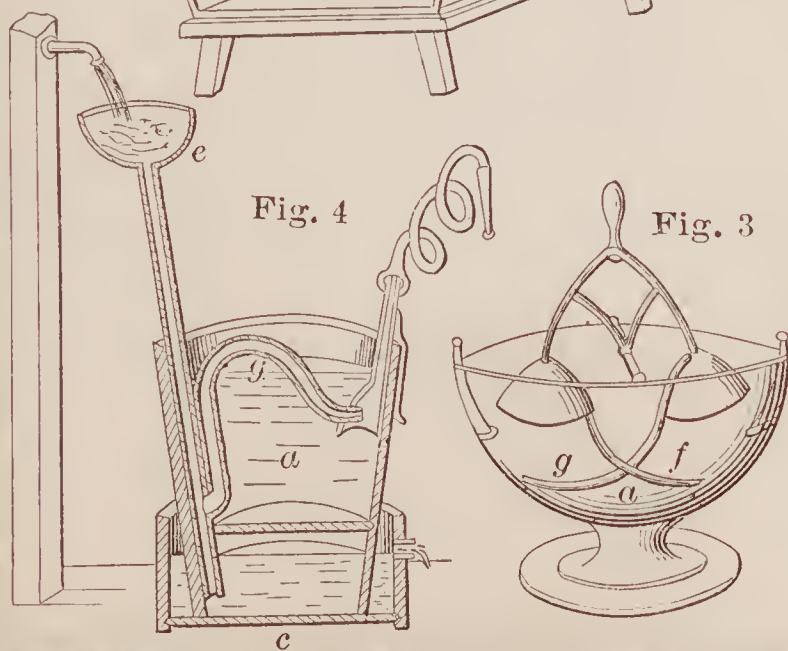
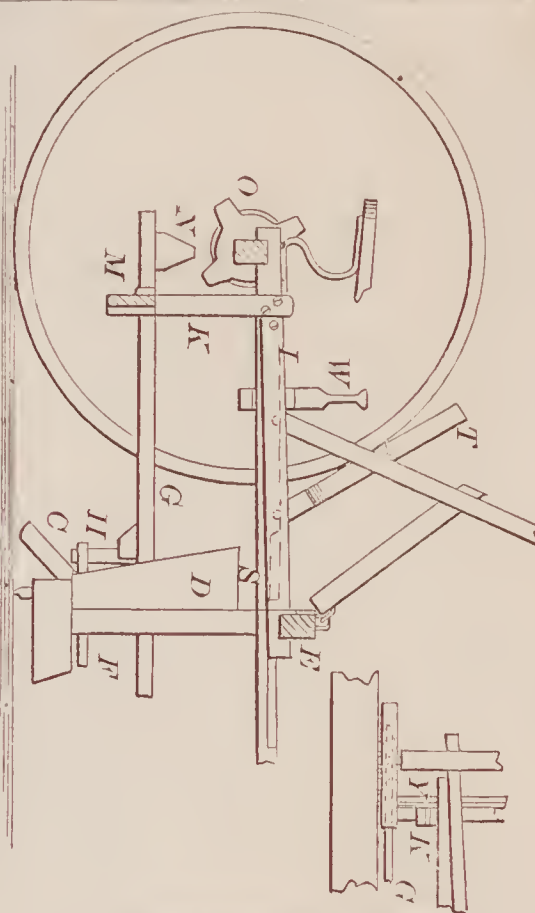


Fig. 4

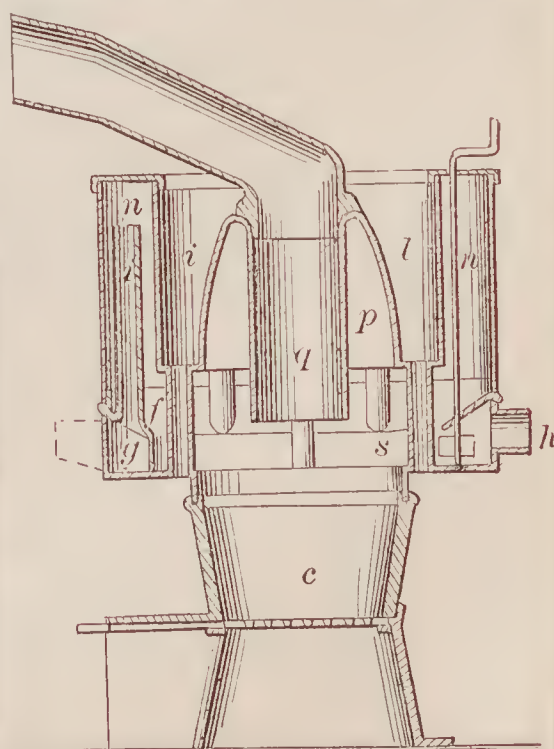
Fig. 3

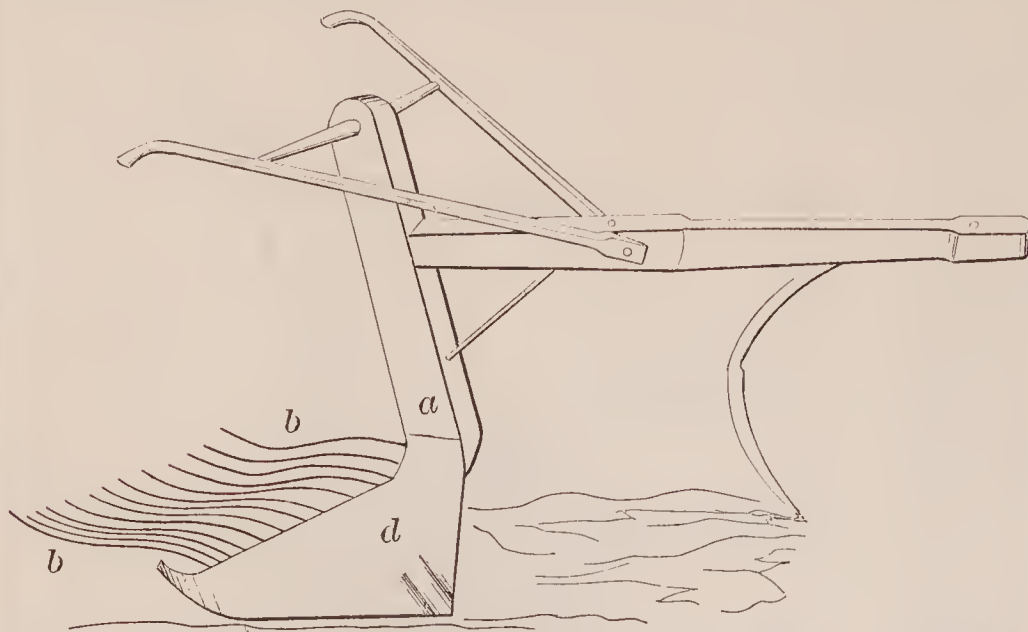
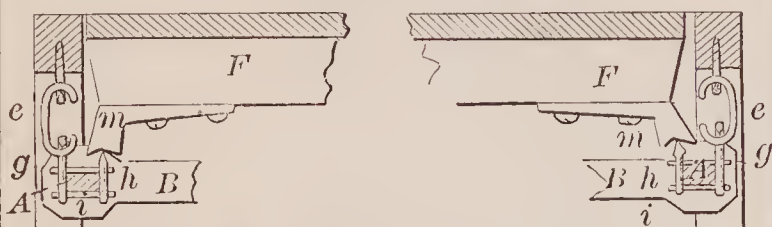
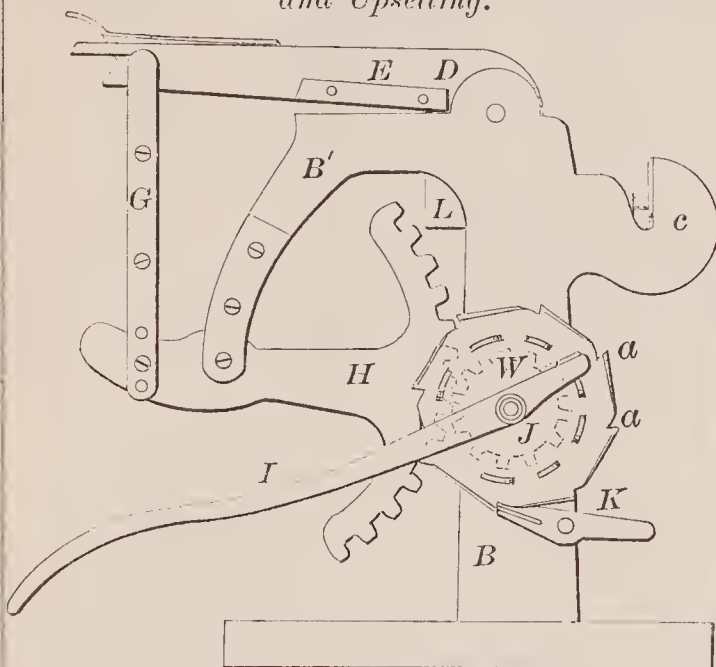
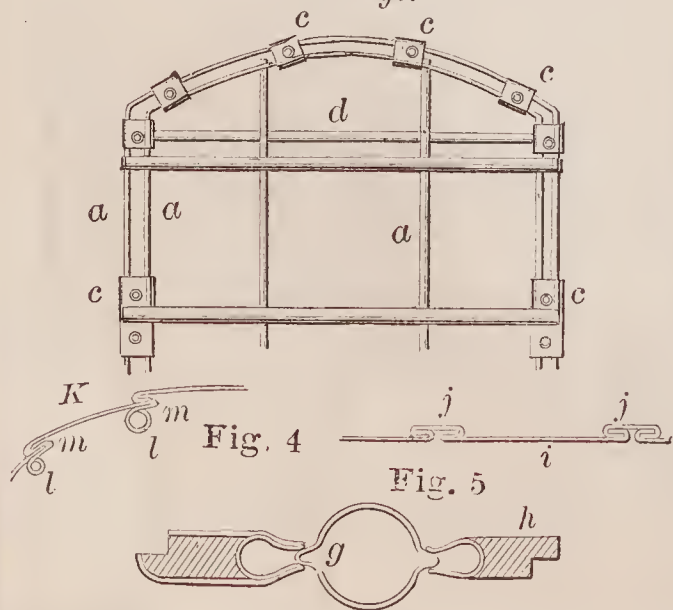
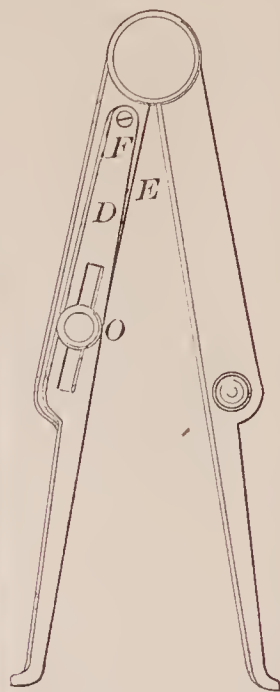
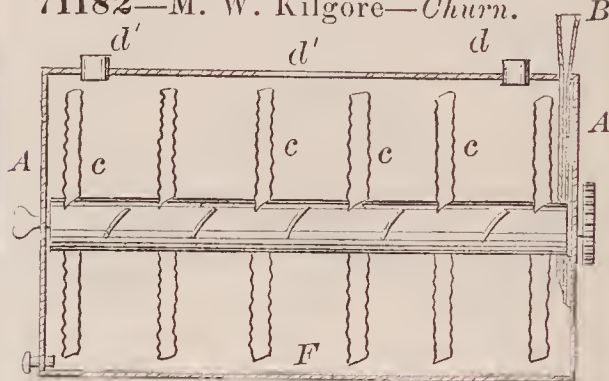
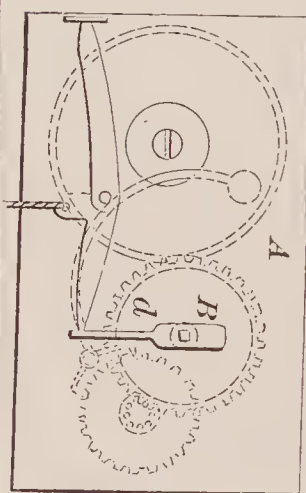
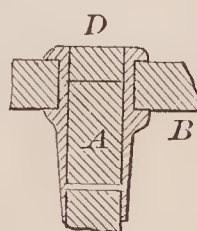
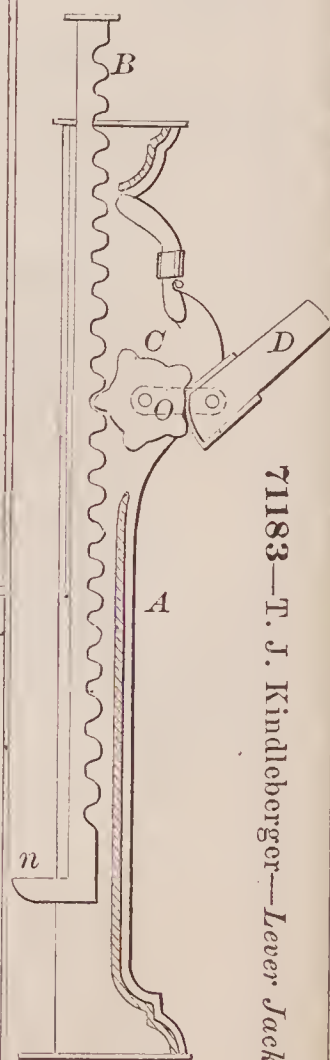


71172—Hitchcock & Deyo—*Corn Planter.*

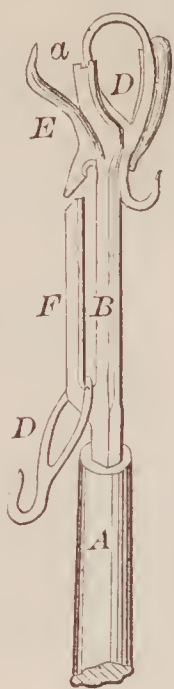


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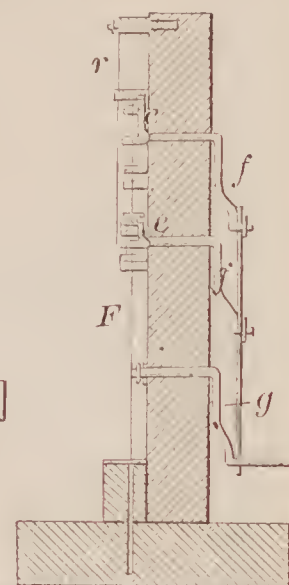
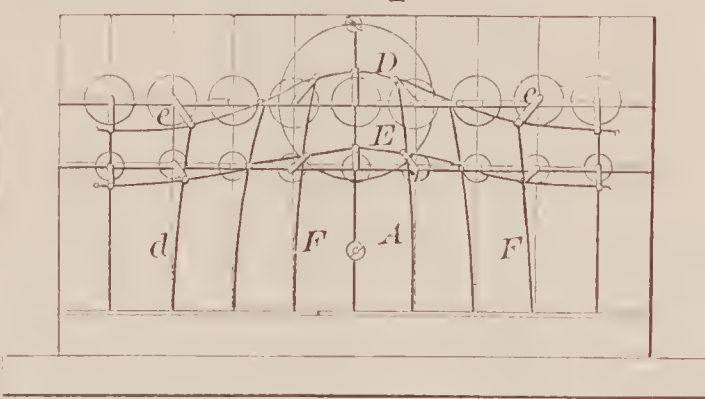


71177—W. H. Hutchins—*Potato Digger.*71179—G. W. Jackson—*Platform Scale.*71181—A. A. Kent—*For Cutting, Punching and Upsetting.*71185—B. J. La Mothe—*Construction of Buildings.*71178—M. G. Imbach—*Calipers or Dividers.*71182—M. W. Kilgore—*Churn.*71180—E. C. C. Kellogg—*Burglar Alarm.*71184—H. W. Knight—*Attaching Picks to Handles.*71183—T. J. Kindleberger—*Lever Jack.*

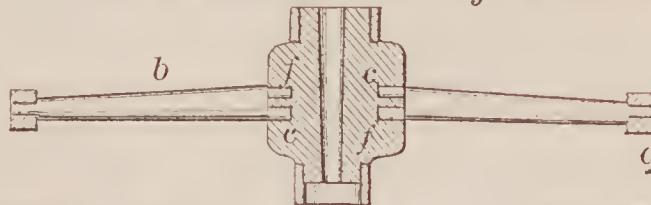
71186—W. C. Lane—*For Suspending and Detaching Articles.*



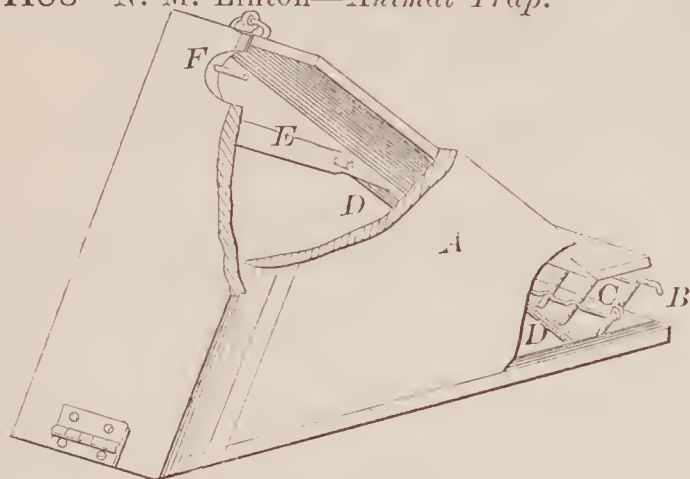
71190—C. S. Lyman—*For Illustrating Waves.*



71193—W. H. Marshall—*Carriage Wheel.*



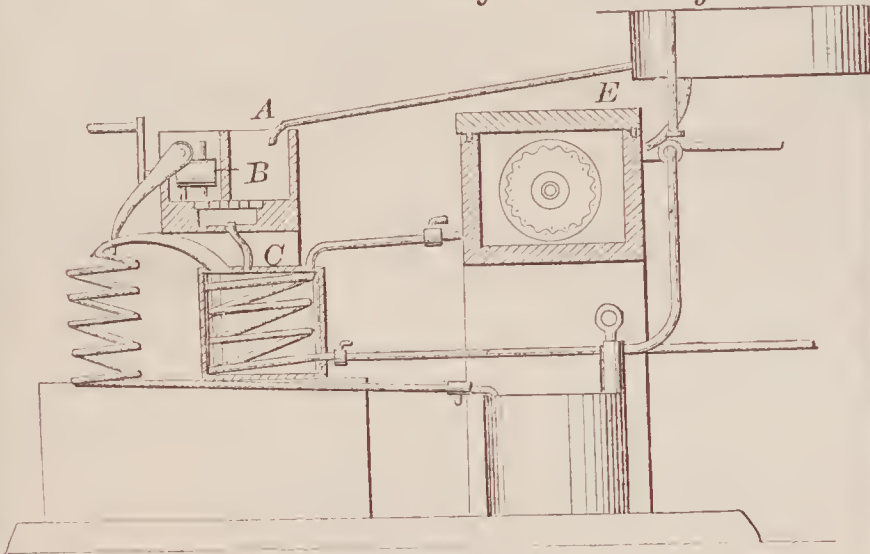
71188—N. M. Linton—*Animal Trap.*



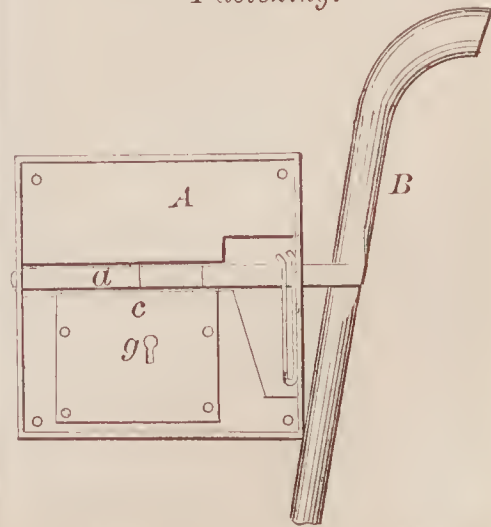
71192—J. Malmight—*Measuring and Cutting out Dresses.*



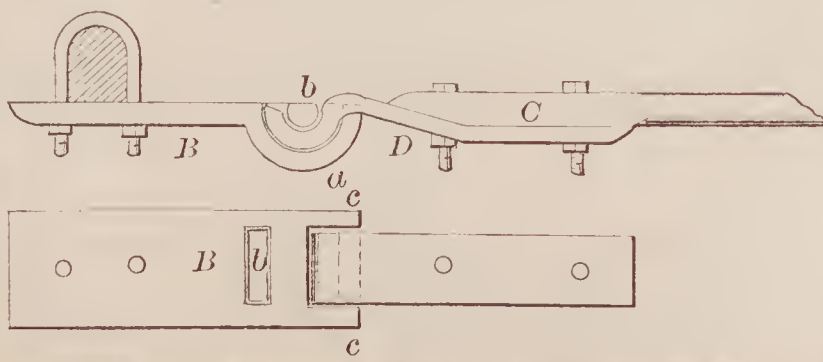
71191—O. Macdaniel—*Scouring and Cleansing Wool.*



71195—G. McCoy—*Gate Fastening.*



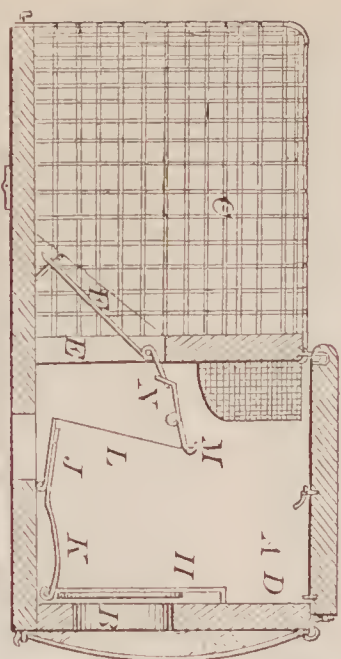
71194—O. L. Mather—*Attaching Thills to Vehicles.*



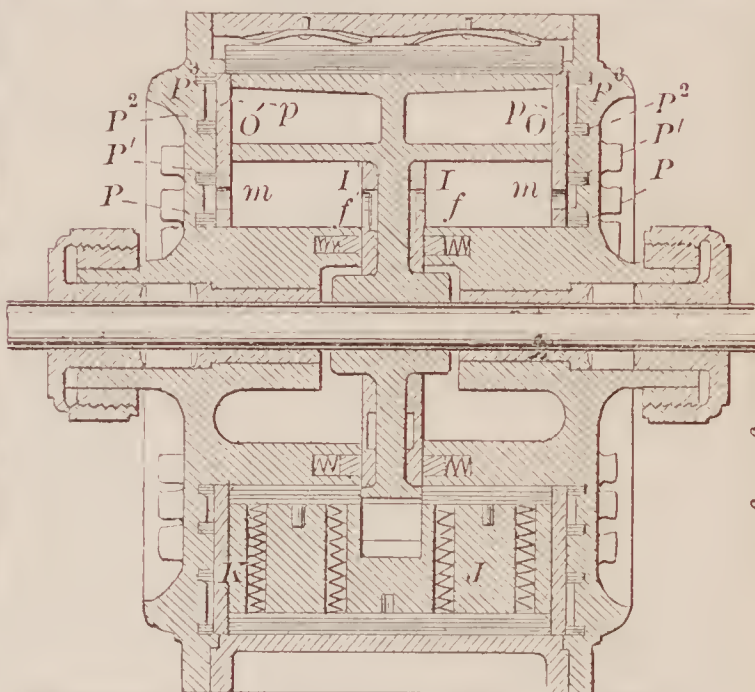
71211—F. B. Perry—*Pocket Cutlery.*



71206—H. Ogborn—*Animal Trap.*



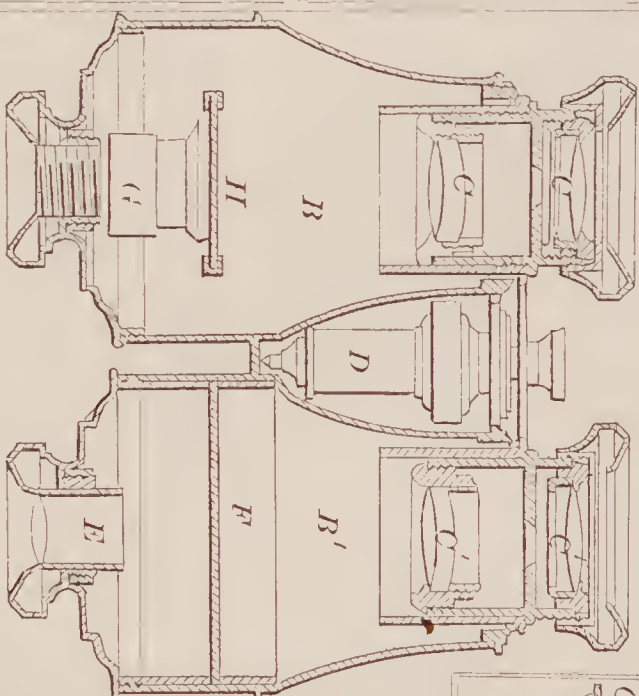
71208—F. Ortlieb—*Rotary Engine.*



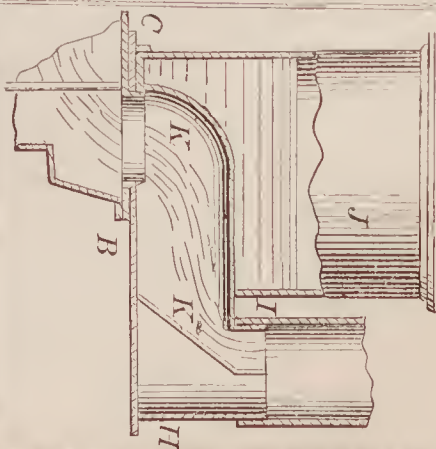
71209—A. Palmer—*Home Fastener.*



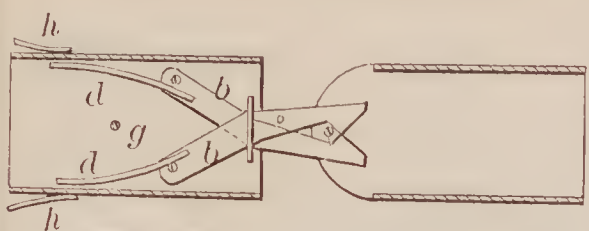
71205—O. Nicour—*Photographic Apparatus.*



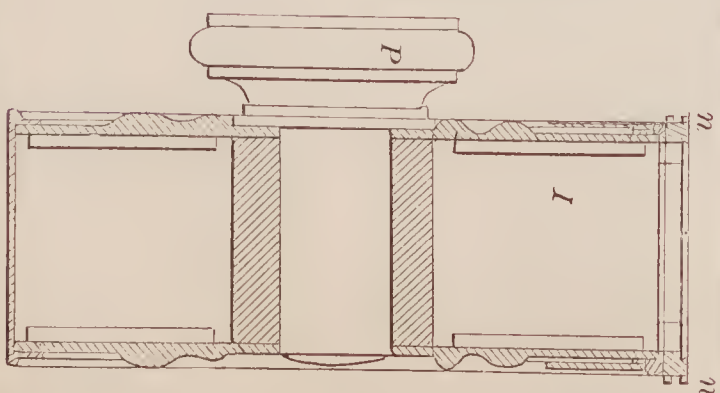
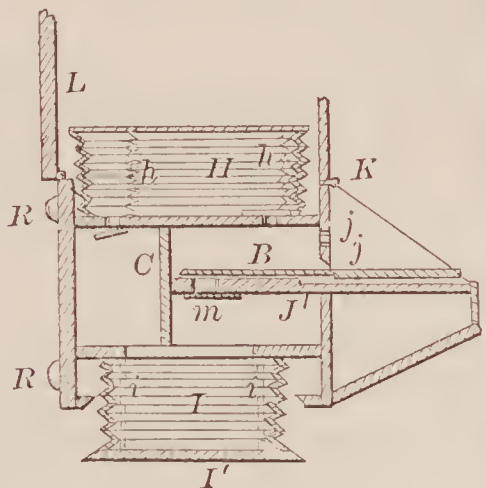
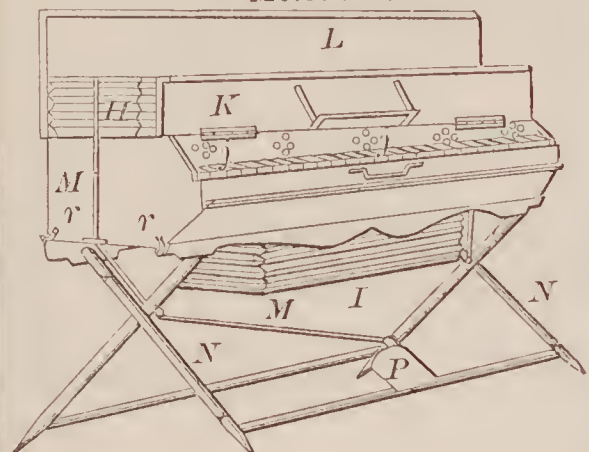
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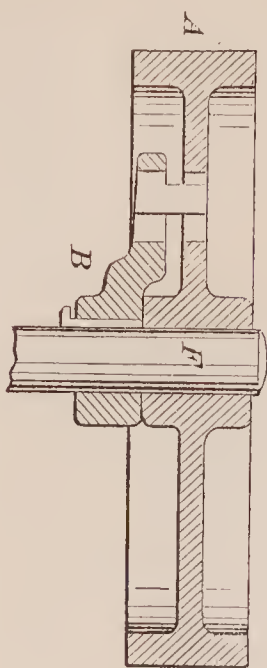
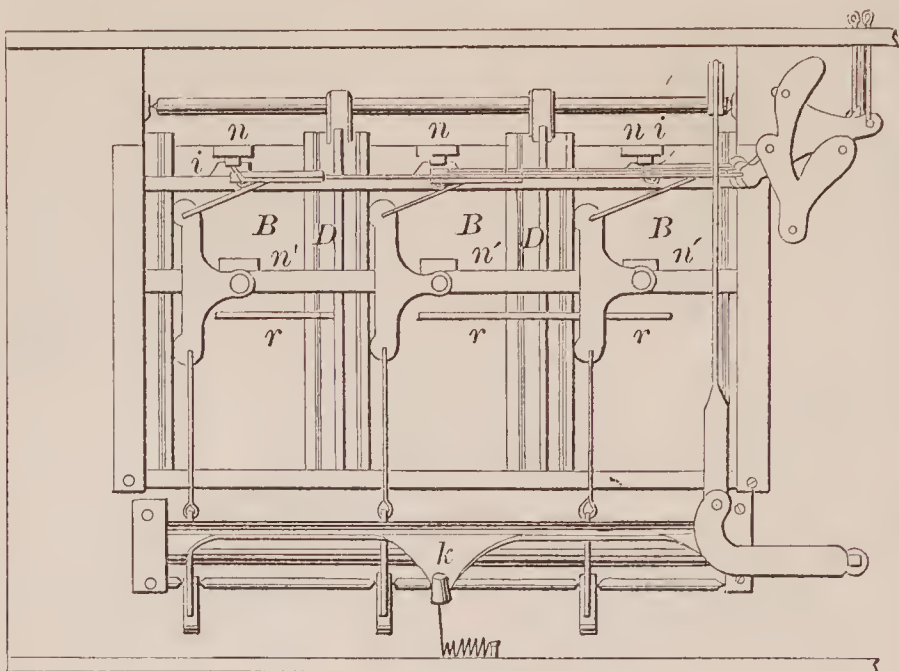
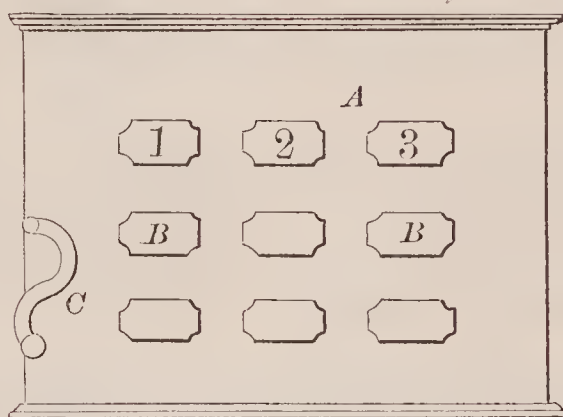
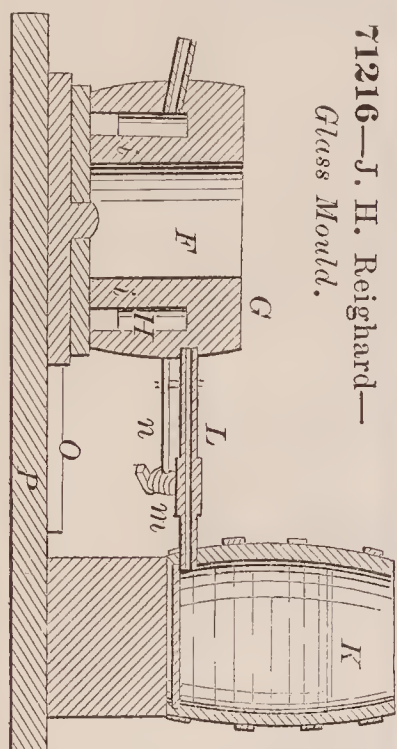
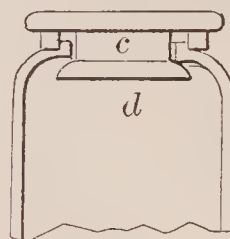
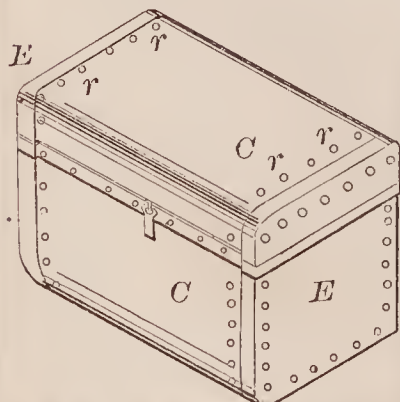
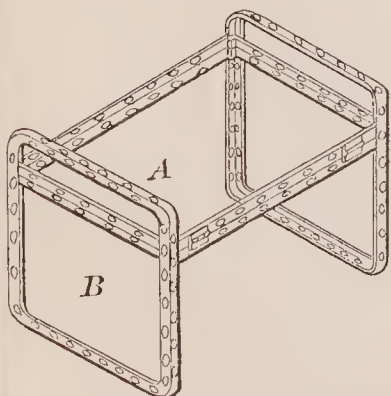
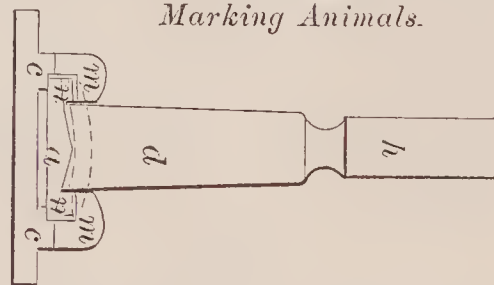
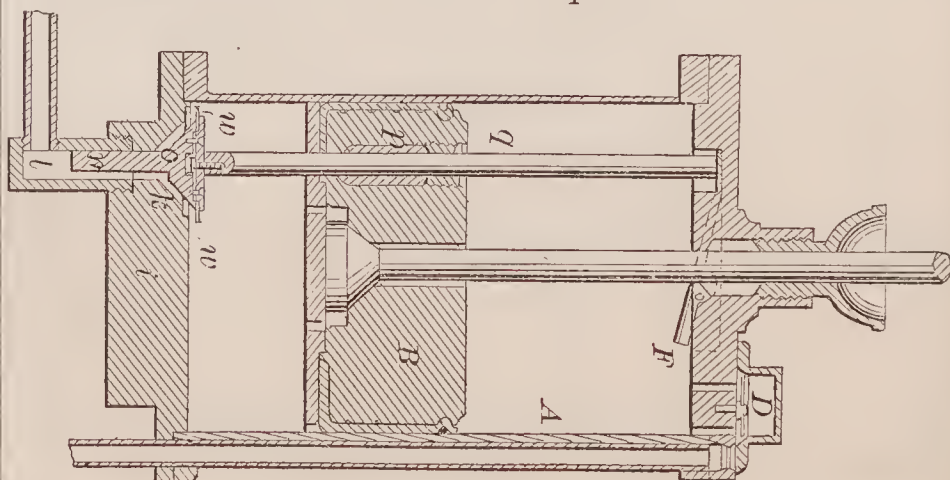


71203—G. R. Moore—*Car Coupling*

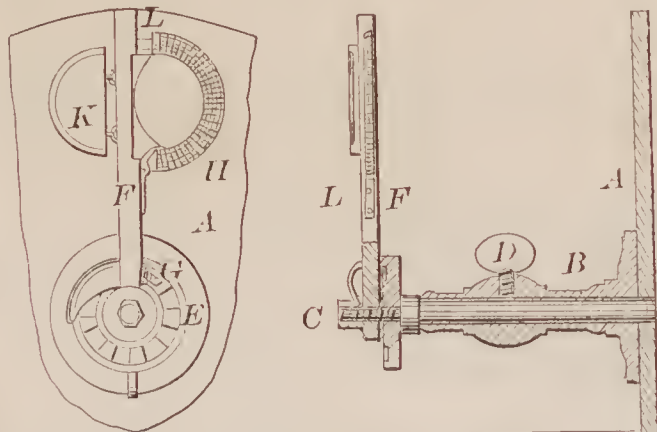


71204—Müller & Kaiser—*Flutina Melodeon.*

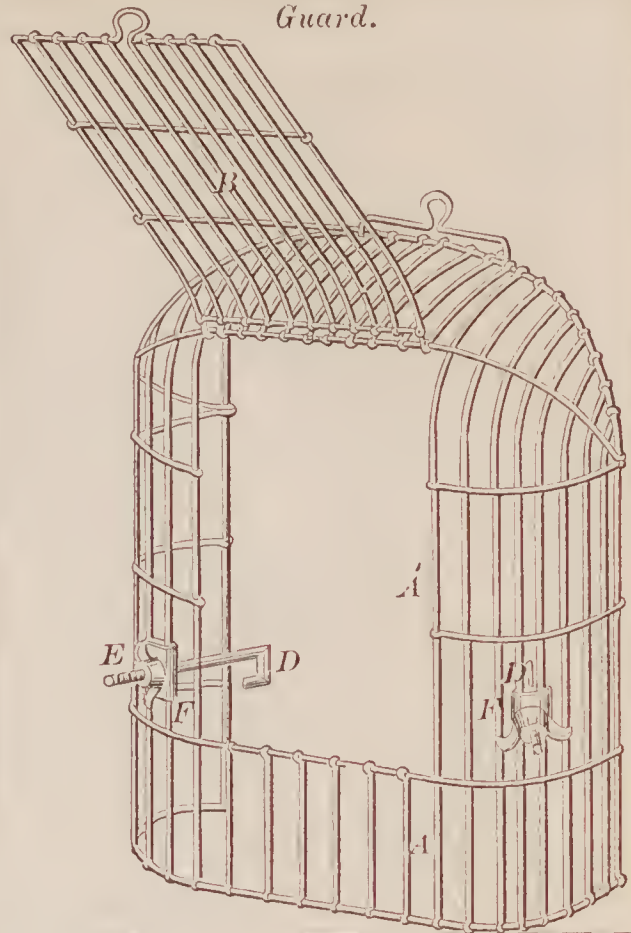


71212—E. S. Pierce—*Balance Wheel.*71214—H. B. Porter—*Hotel Annunciator.*71216—J. H. Reighard—*Glass Mould.*71215—G. M. Ramsay—*Air Tight Jar.*71219—S. S. Ritter—*Trunk.*71217—F. H. Richards—*Brand for Marking Animals.*71218—E. S. Ritchie—*Air Pump.*

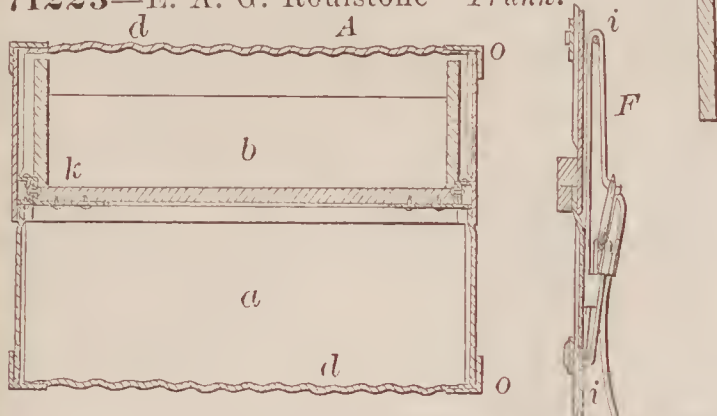
71220—J. Rohr—*Baby Walker.*



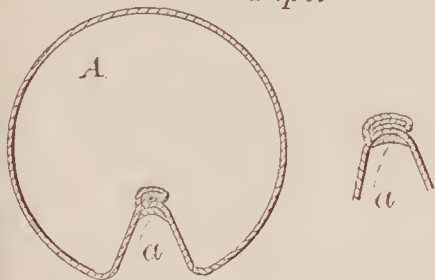
71224—C. H. S. Schultz—*Fire Fender or Guard.*



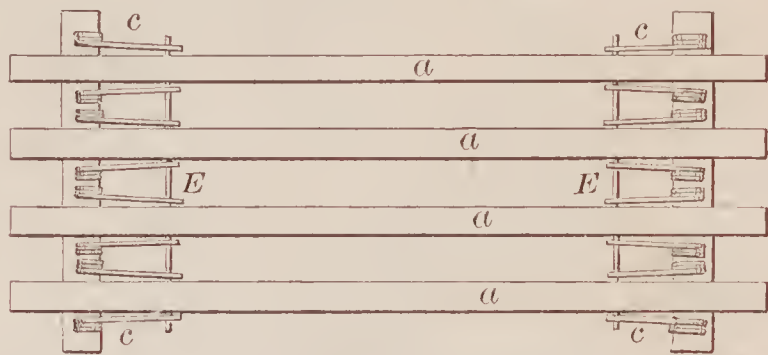
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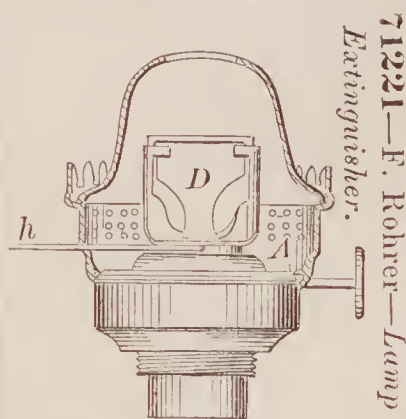
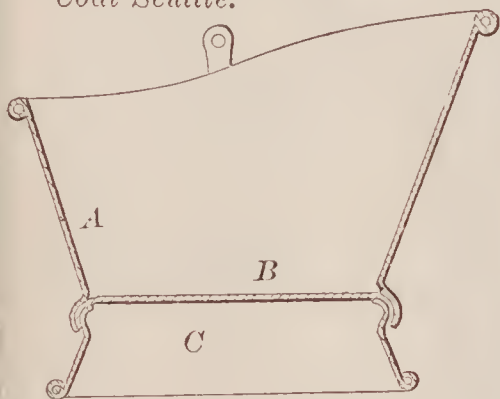
71222—J. C. Rohrman—*Conductor Pipe.*



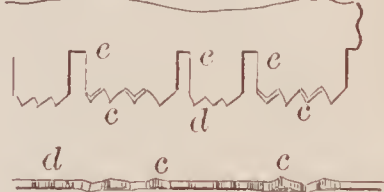
71225—Scott & Burdge—*Bed Bottom.*



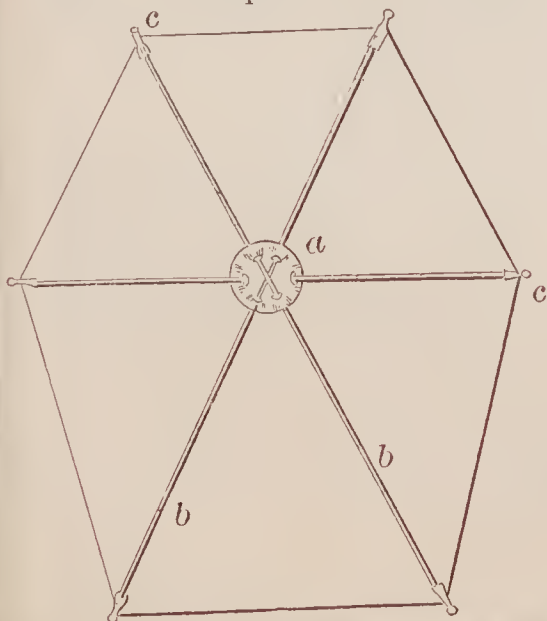
71226—Scott, Scott & Miller—*Coal Scuttle.*



71227—A. M. Seabury—*Cross Cut Saw.*

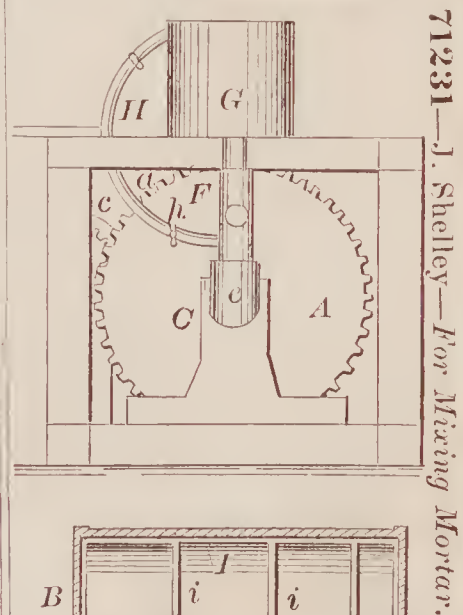
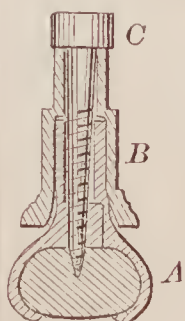


71232—J. Shepard—*Kite Frame.*

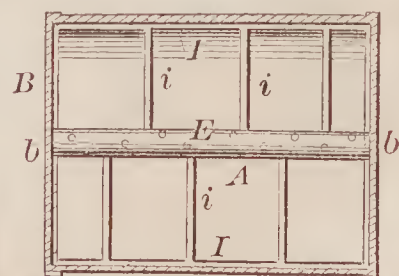


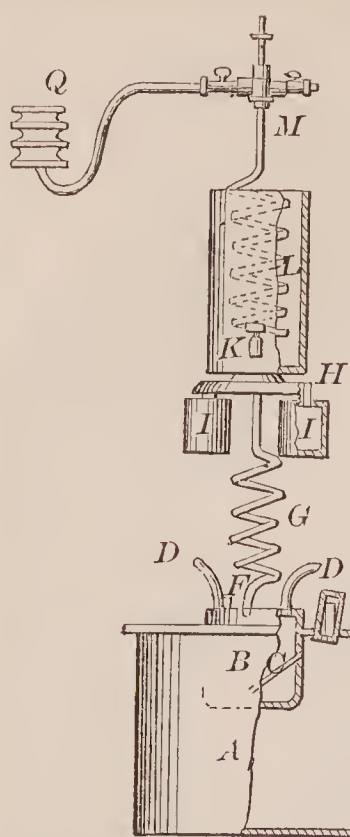
71221—F. Rohrer—*Lamp Extinguisher.*

71228—A. Searls—*Carriage Top Prop.*



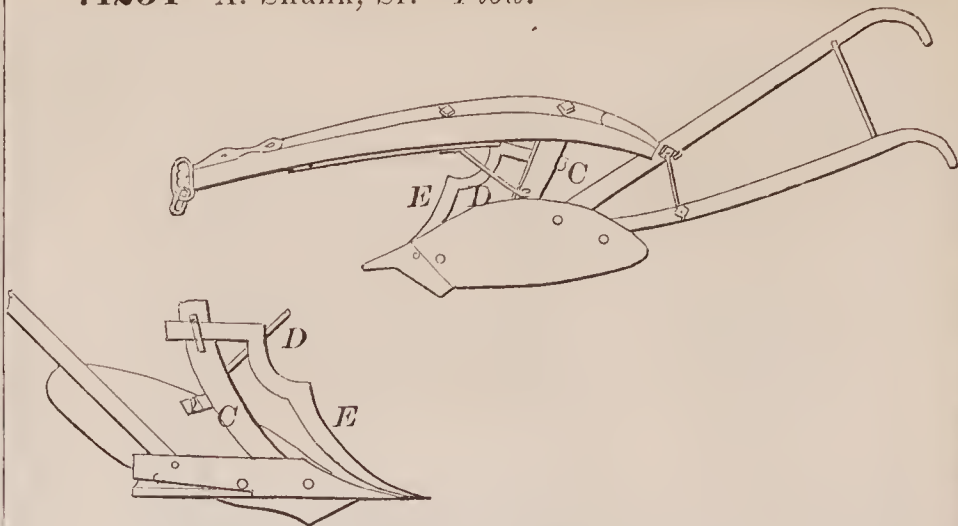
71231—J. Shelley—*For Mixing Mortar.*



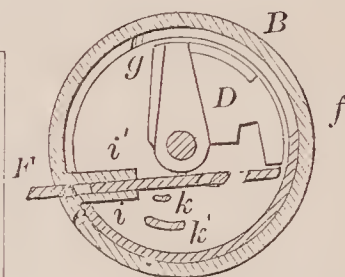
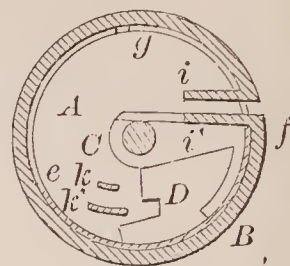
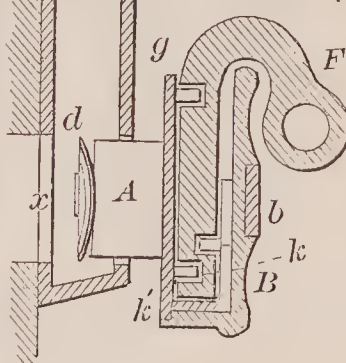


71233—J. Shoemaker—Manufacturing Gas.

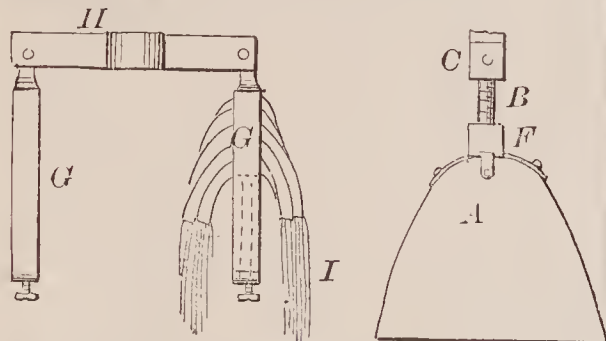
71234—A. Shunk, Sr.—Plow.



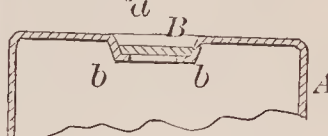
71235—Shloss, Veerkamp & Leopold—Key Hole Guard for Door Locks.



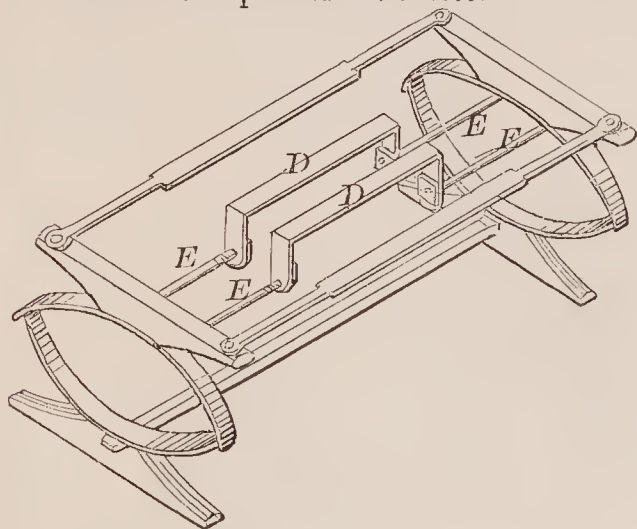
71238—L. S. Smith—Broom Head.



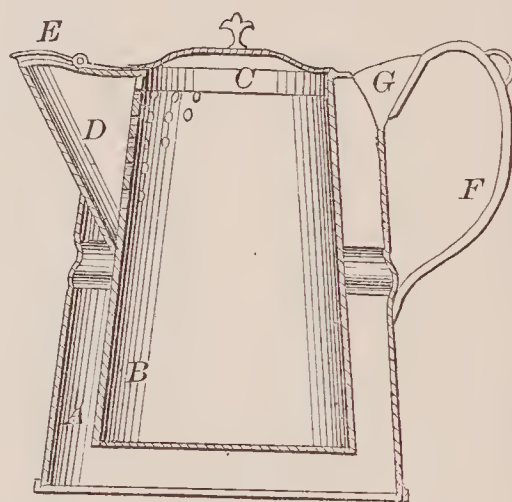
71239—C. F. Spencer—Sealing Fruit Cans.



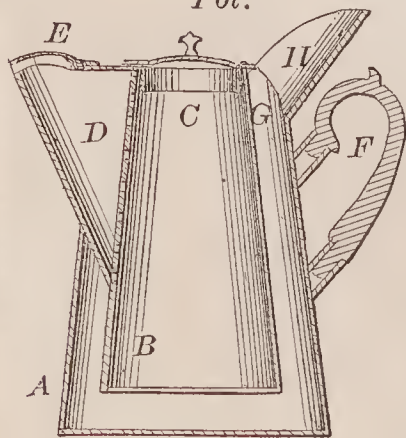
71240—S. J. Spencer—Vehicle.



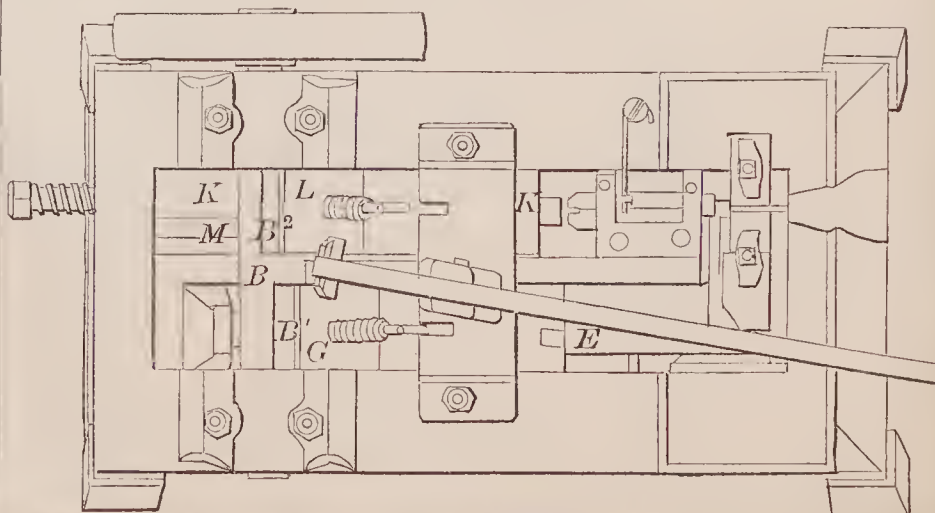
71236—J. B. Smith—Coffee Pot



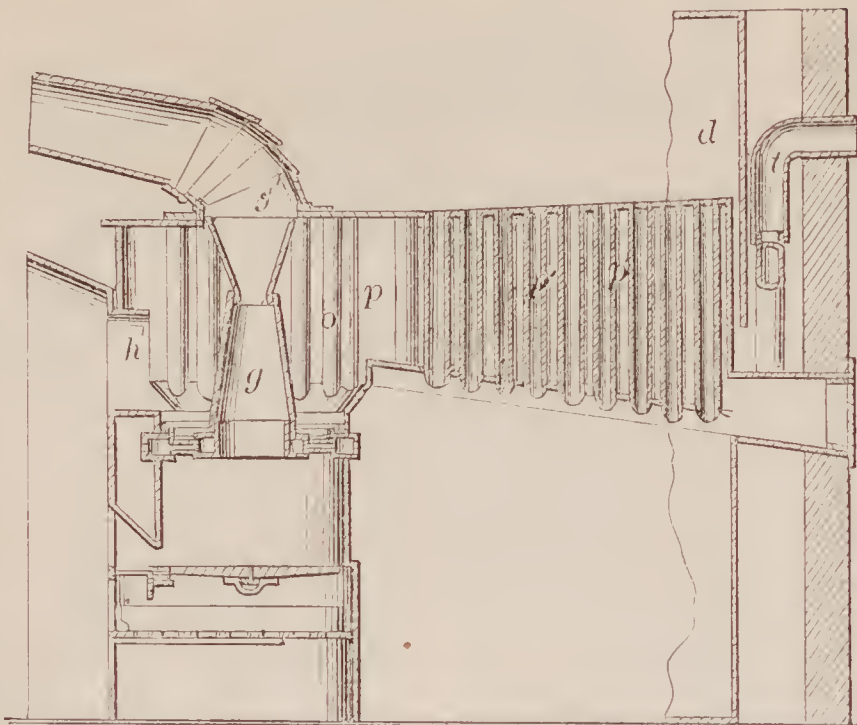
71237—J. B. Smith—Coffee Pot.



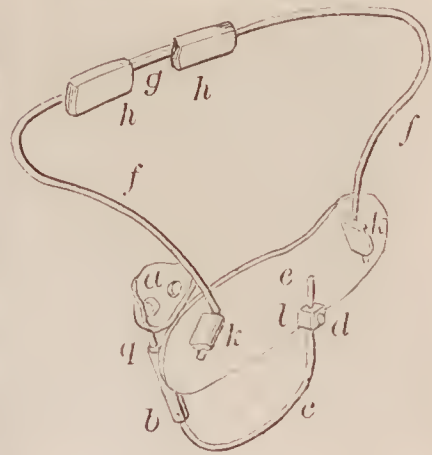
71243—W. Swathel—For Heading Bolts.



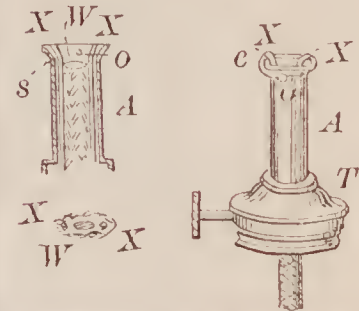
71244—J. M. Thatcher—*Air Heating Furnace.*



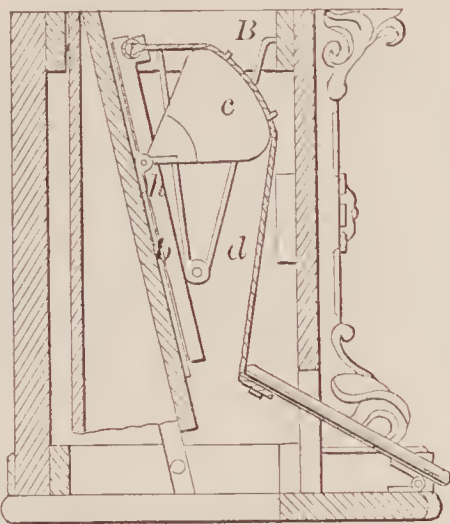
71246—J. Thompson—*Abdominal Supporter.*



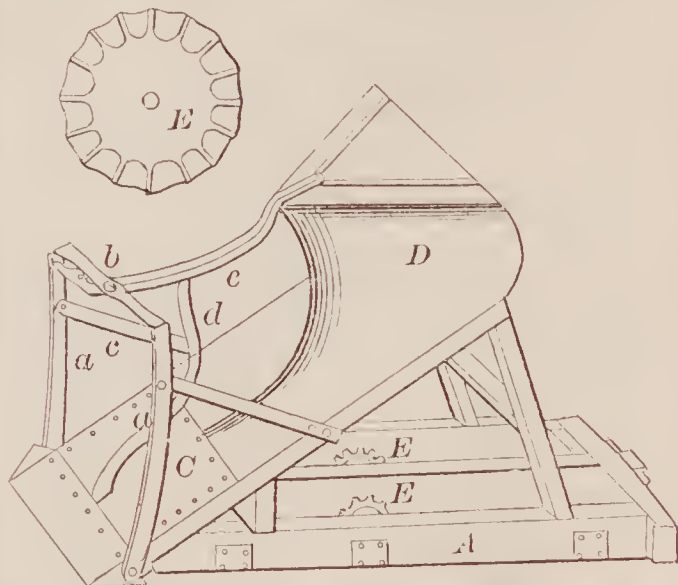
71248—C. N. Tyler—*Lamp.*



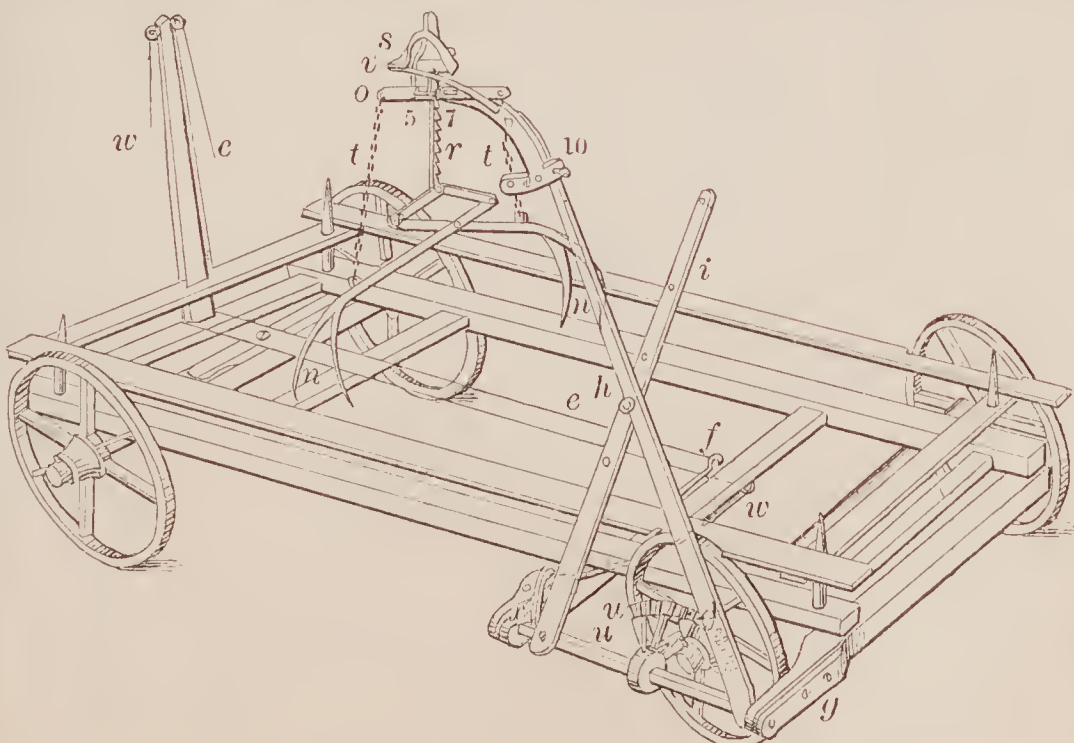
71245—E. H. Thomas, Jr.—*Organ Bellows.*



71249—P. Vonlackum—*Snow Plow.*



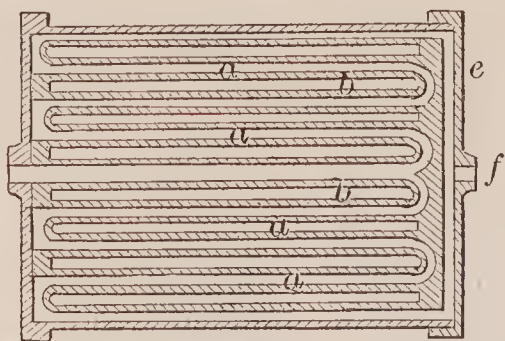
71250—A. Vose—*Hay Loader.*



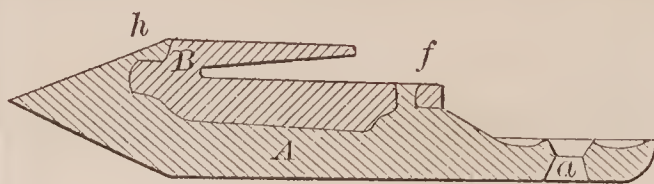
71247—S. A. Traugh—*Car Wheel.*



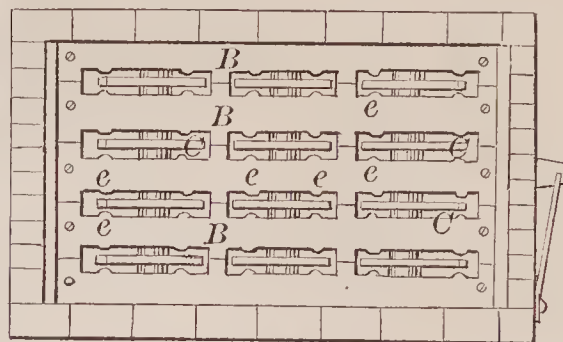
71251—R. L. Walker—*Water Grate for
for Furnaces.*



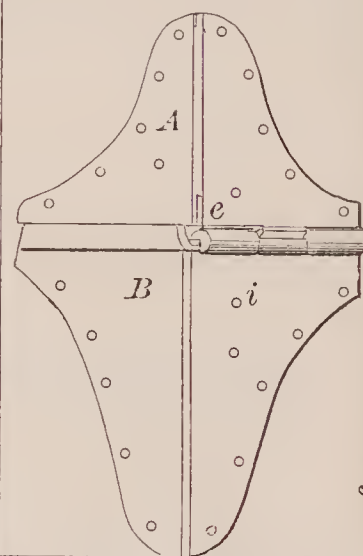
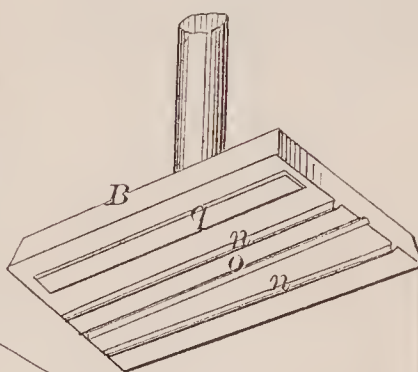
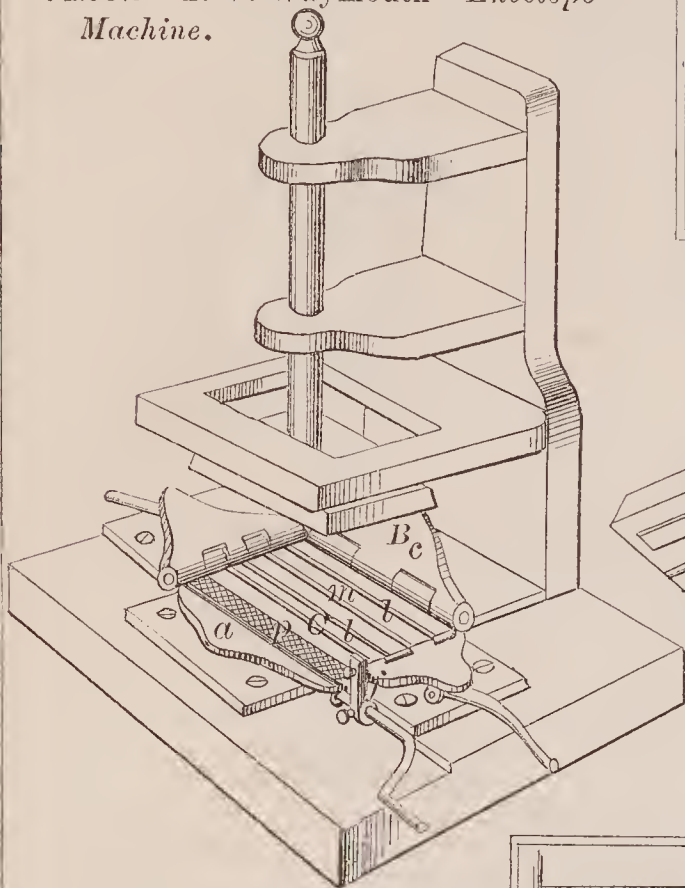
71257—W. A. Wood—*Harvester Guard Finger.*



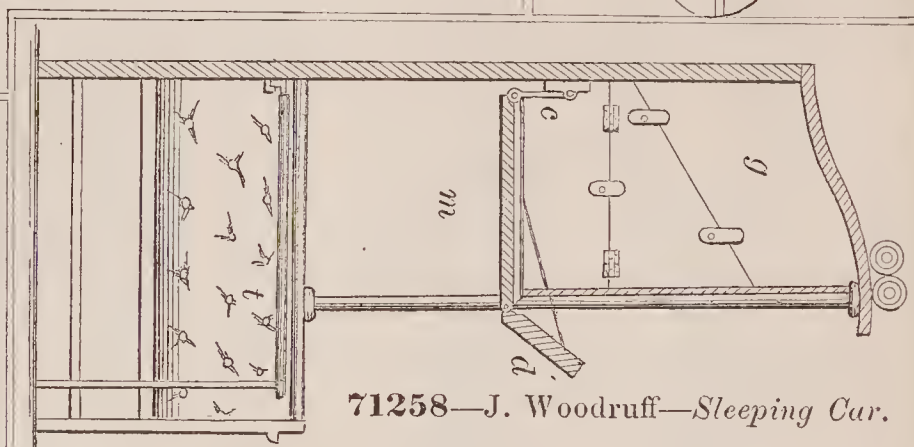
71253—M. D. Wellman—*Grate.*



71252—T. V. Waymouth—*Envelope
Machine.*

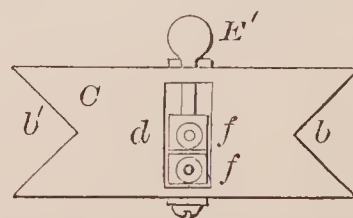
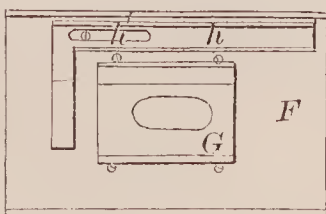
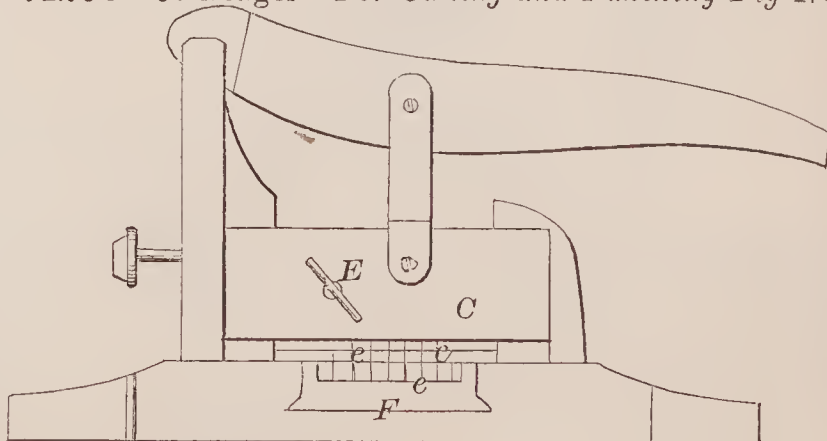


71254—L. Wheaton—*Trunk Hinge.*

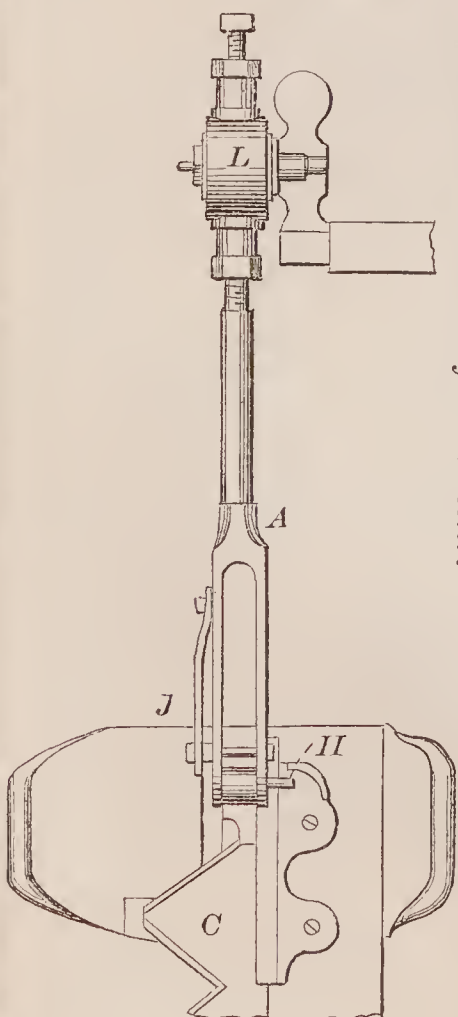


71258—J. Woodruff—*Sleeping Car.*

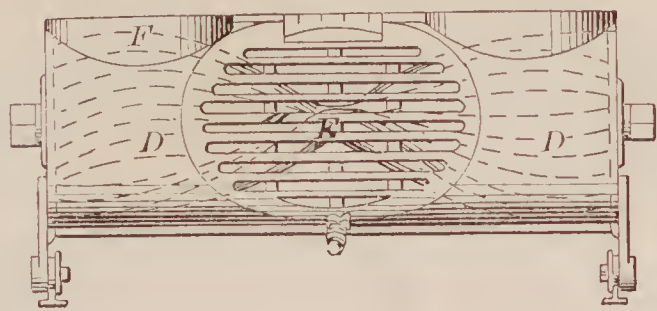
71259—J. Yeager—*For Cutting and Punching Fly Nets.*



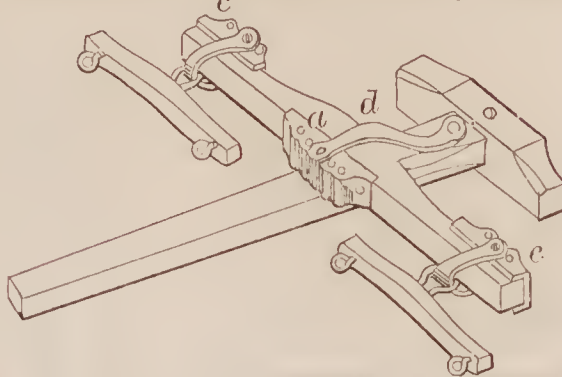
71255—W. N. Whiteley—*Harvester.*



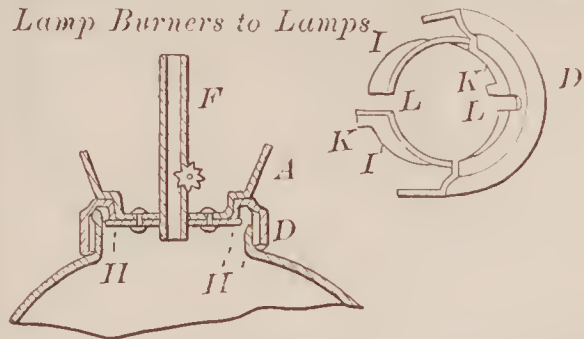
71260—W. Young—Grate, Fireplace and Furnace.



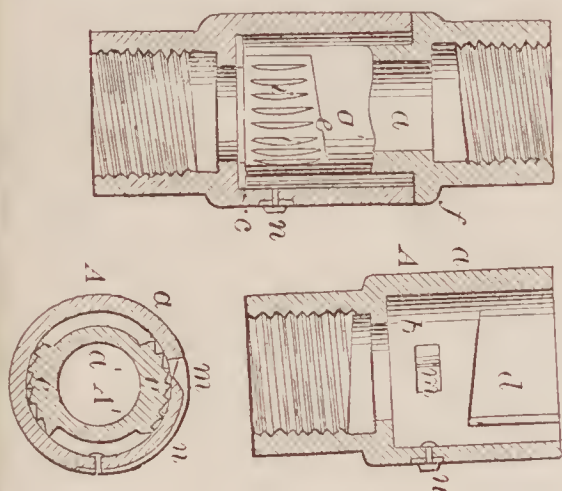
71262—C. L. Ames—Carriage Evener.



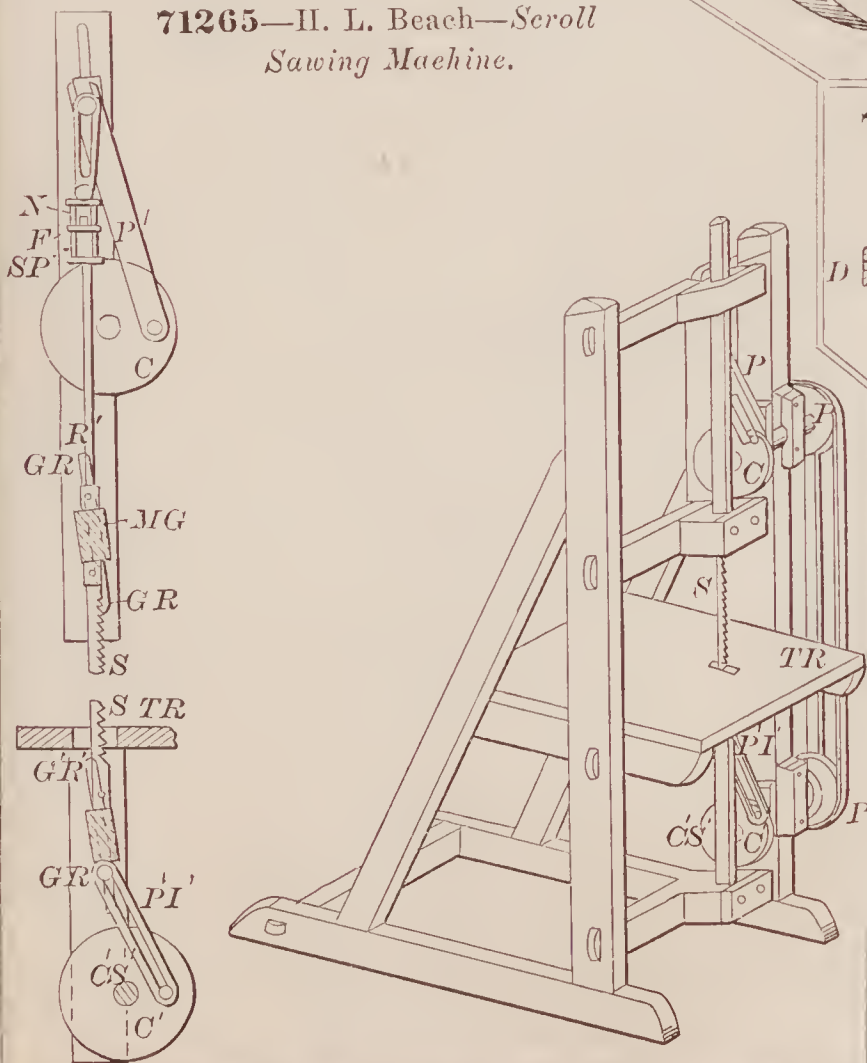
71261—J. B. Alexander—For Attaching Lamp Burners to Lamps.



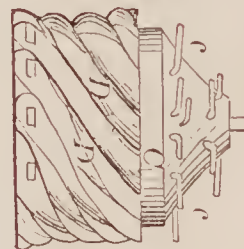
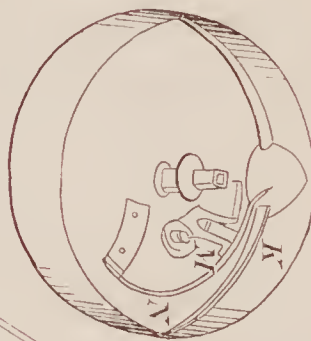
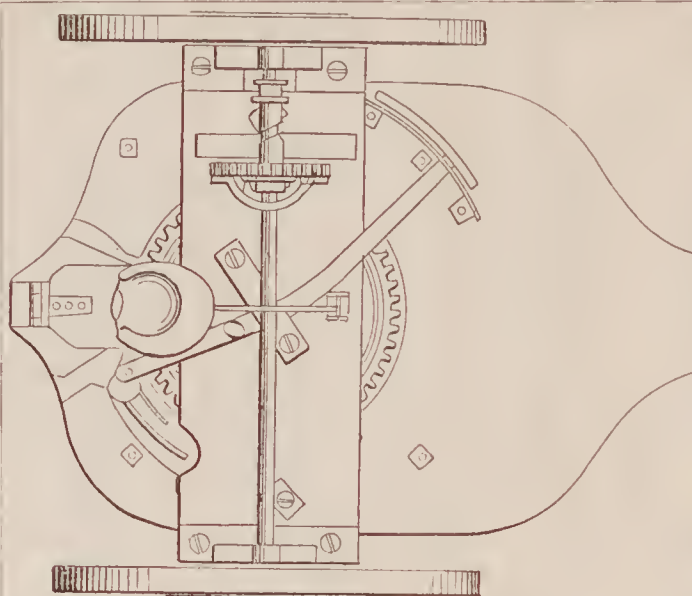
71266—W. G. Bedford—Hose Coupling.



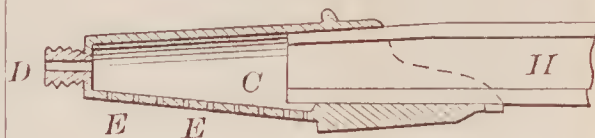
71265—H. L. Beach—Scroll Sawing Machine.



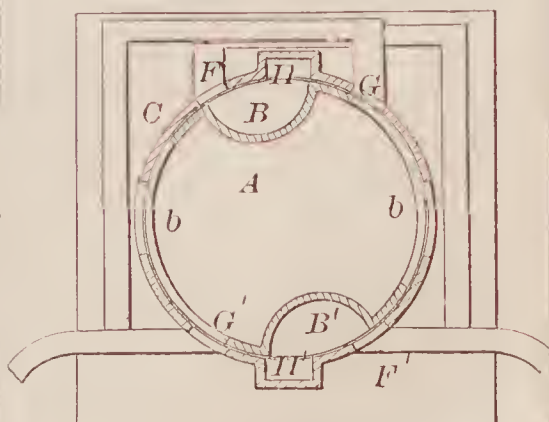
71263—J. Armstrong—For Planting Cotton Seed.

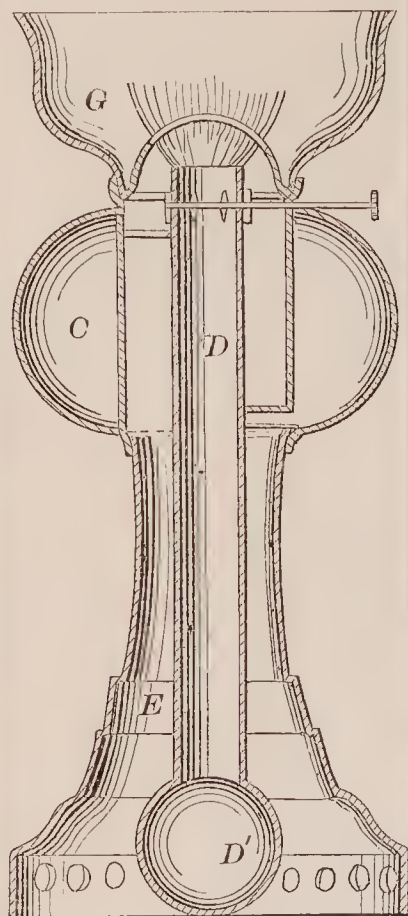
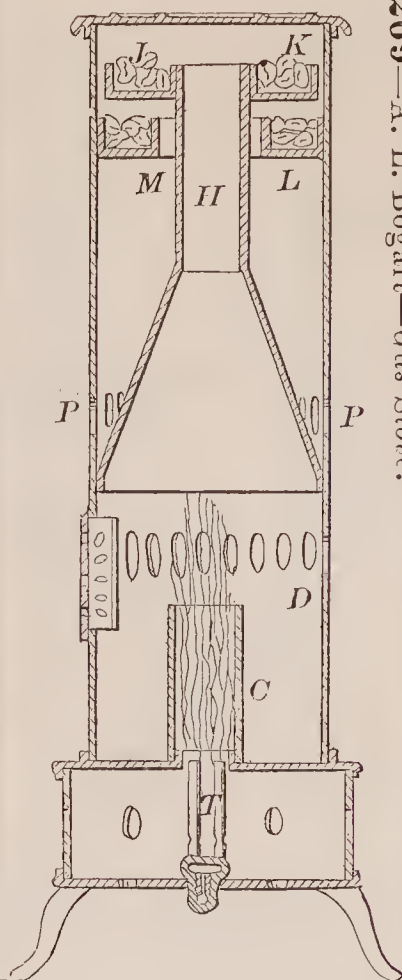
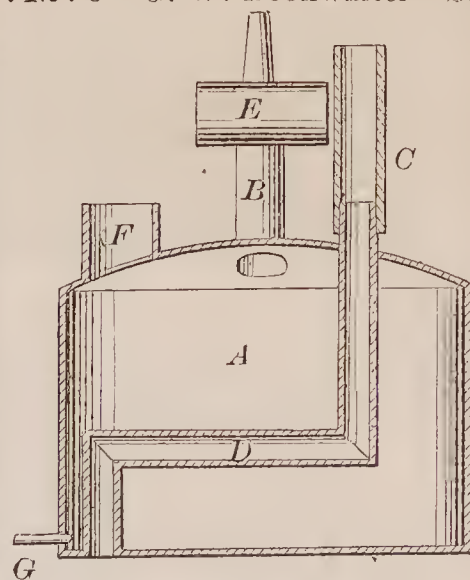
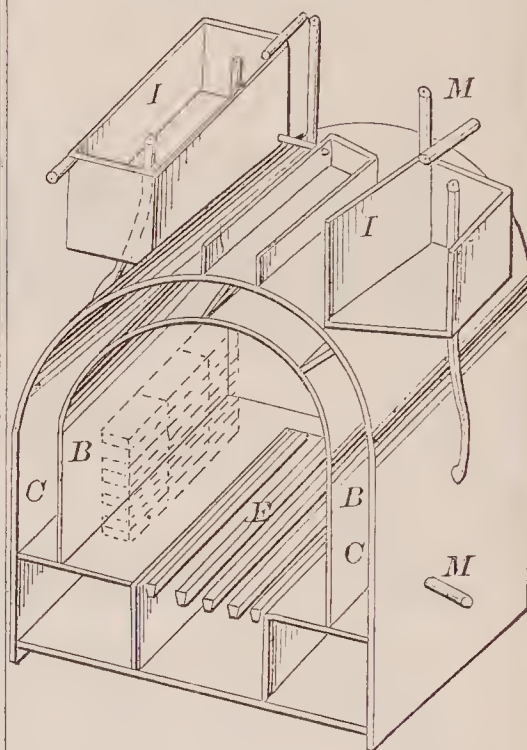
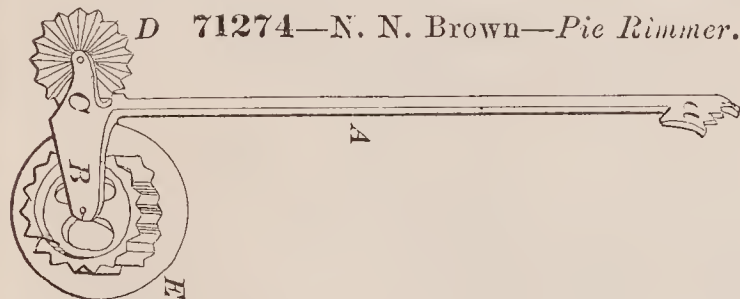
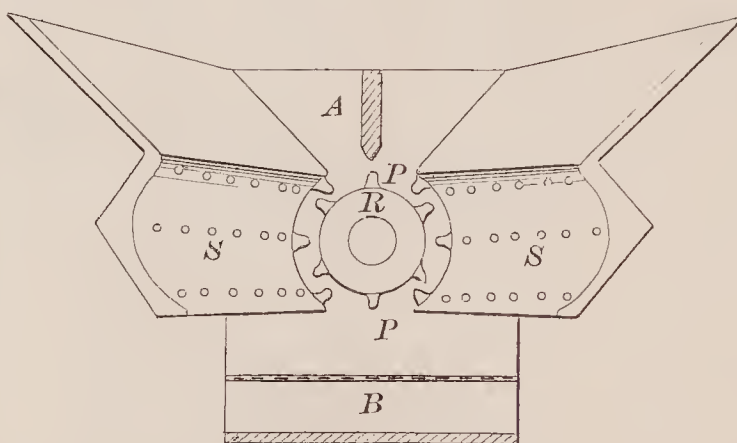
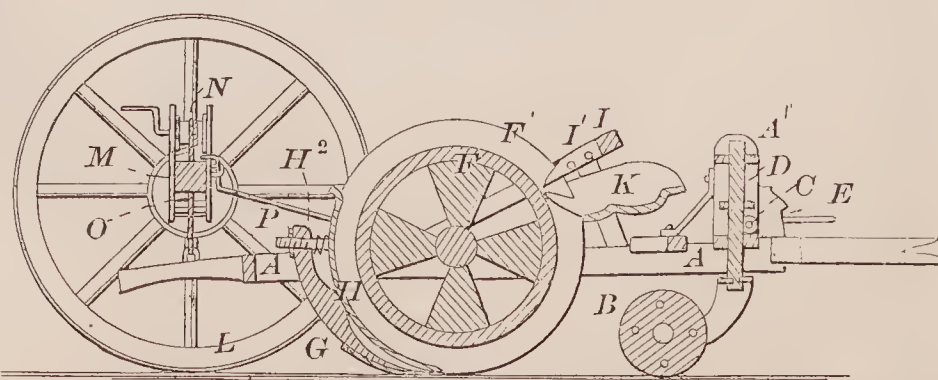
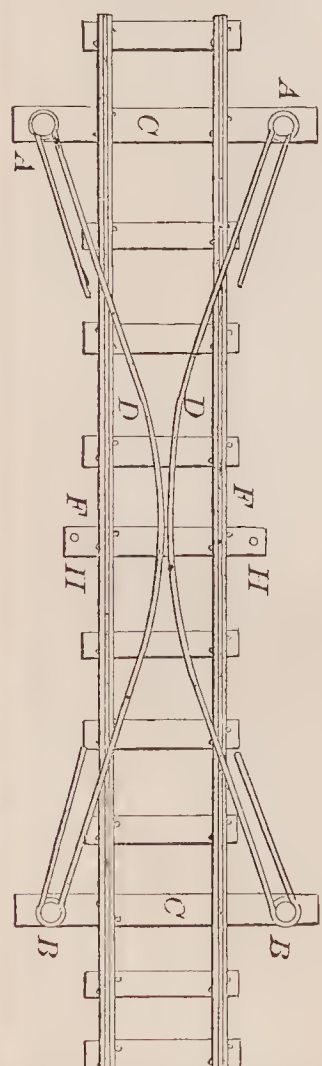


71264—W. D. Baughn—Thimble Skein for Axles.

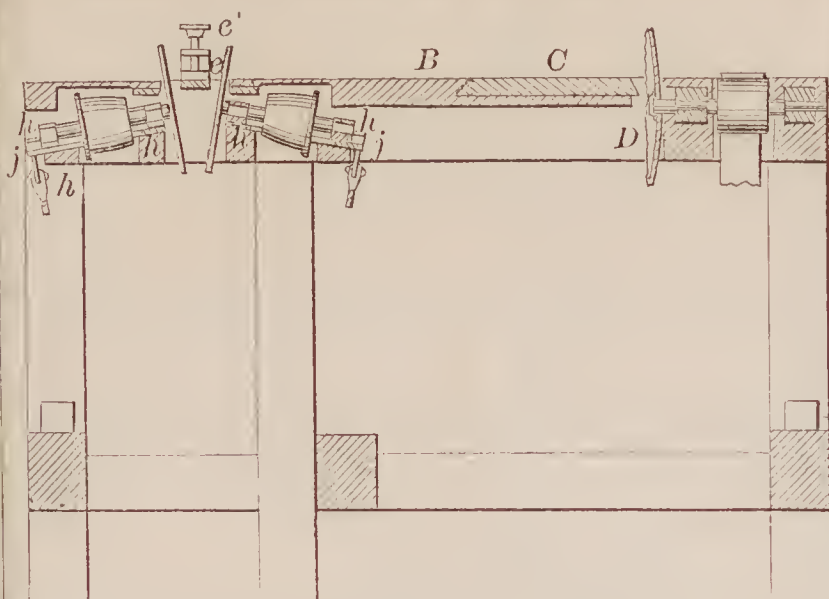


71267—L. Begon—Steam Rotary Valve.

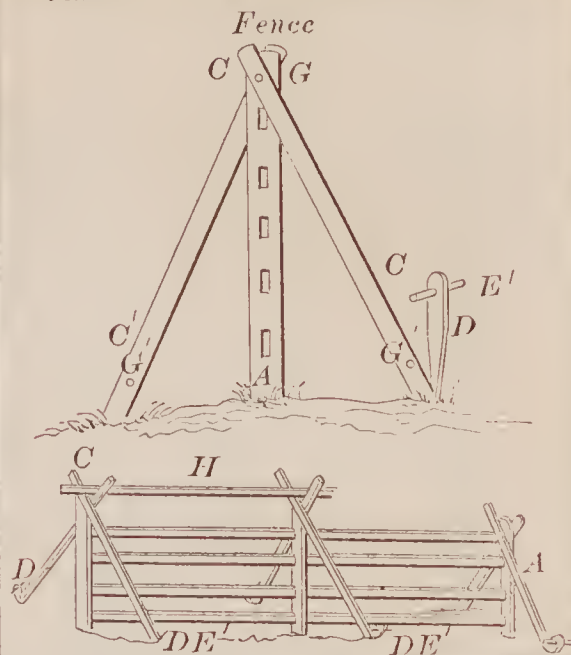


71268—G. A. Beidler—*Lamp.*71269—A. L. Bogart—*Gas Stove.*71270—G. W. Bookwalter—*Still.*71271—Brady & Sloan—*Furnace for Roasting Ores.*71274—N. N. Brown—*Pie Rimmer.*71273—W. H. Bridgens—*Pea Sheller.*71275—Bymer & Imlay—*Ditching Machine.*71272—C. Brennenman—*Cattle Guard for Railways.*

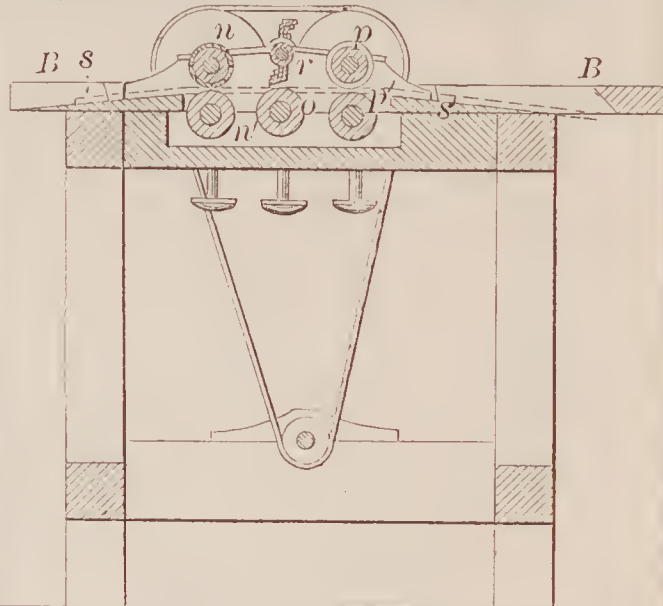
71276—F. O. Clark—*Stave Machine.*



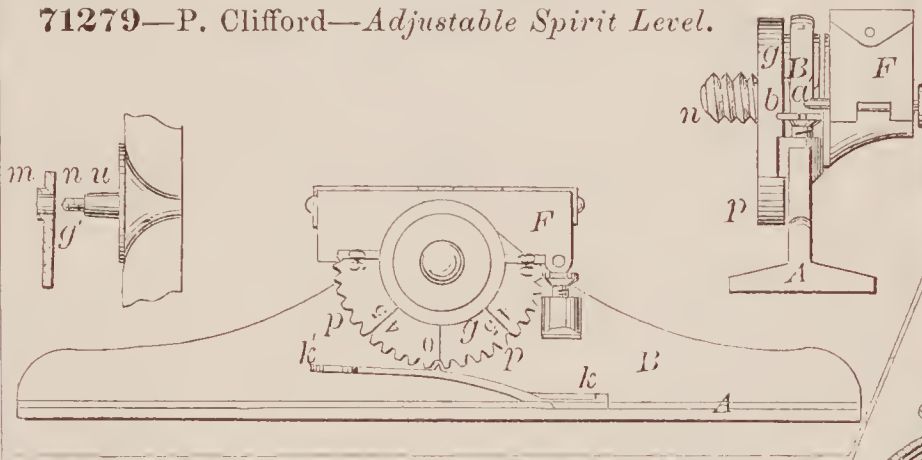
71278—J. M. Clark—*Portable*



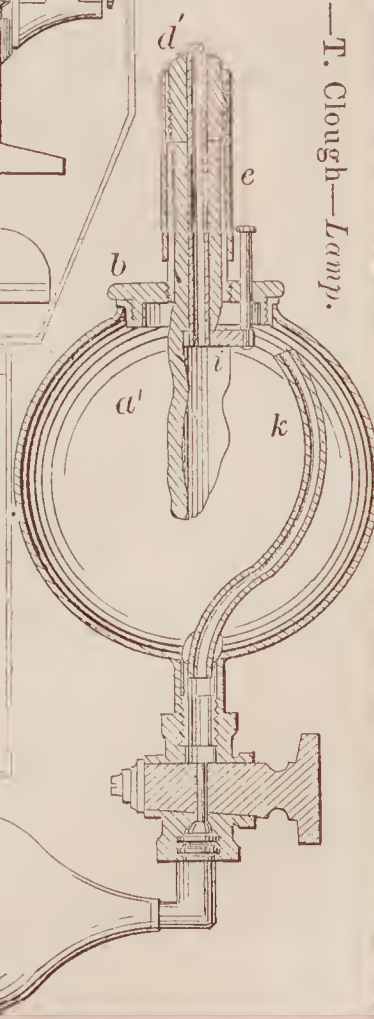
71277—F. O. Clark—*Stave Machine.*



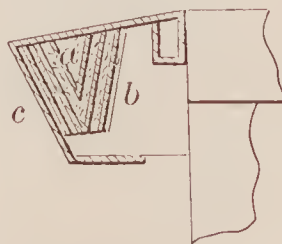
71279—P. Clifford—*Adjustable Spirit Level.*



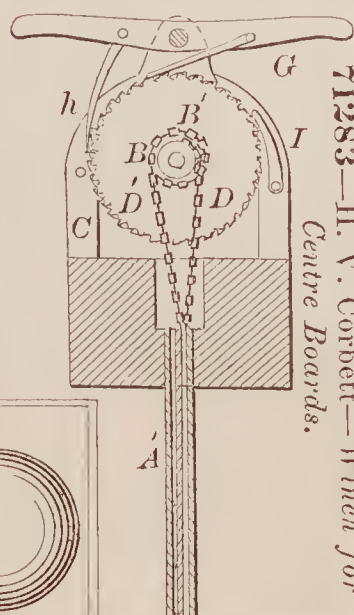
71281—T. Clough—*Lamp.*



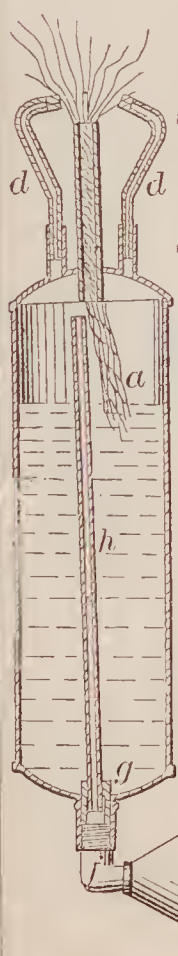
71282—H. W. Collender—
Billiard Cushion.



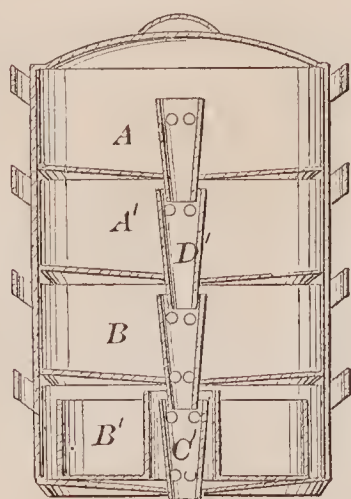
71283—II. V. Corbett—*Witch for Centre Boards.*



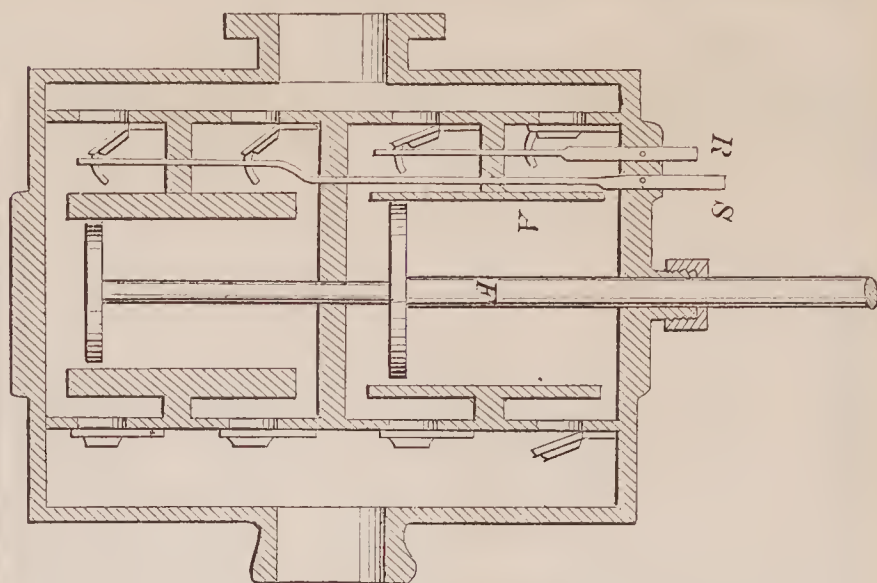
71280—T. Clough—Lump.



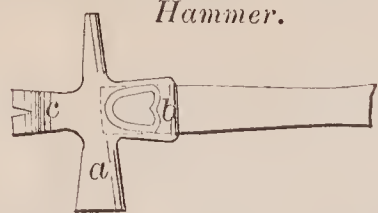
71284—M. C. Cronk—*Steamer for Cooking.*



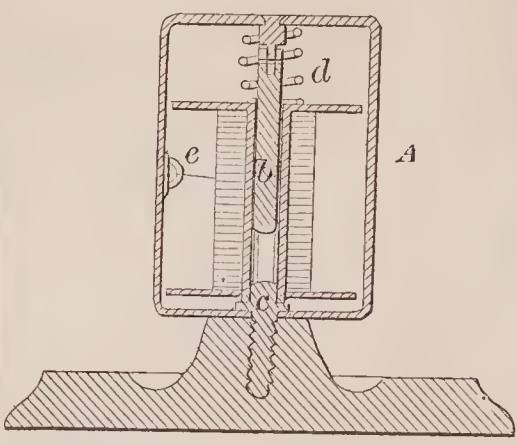
71287—Dennisson & Gould—*Pump for Fire Engines.*



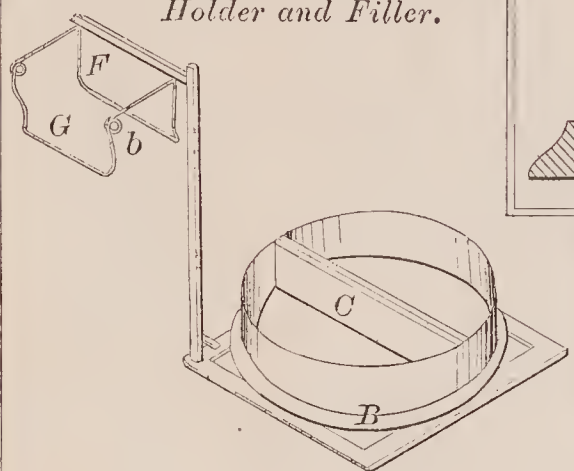
71290—T. Evans—*Tack Hammer.*



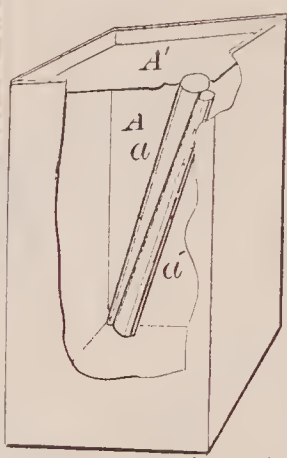
71291—J. Fewkes—*Spool Support.*



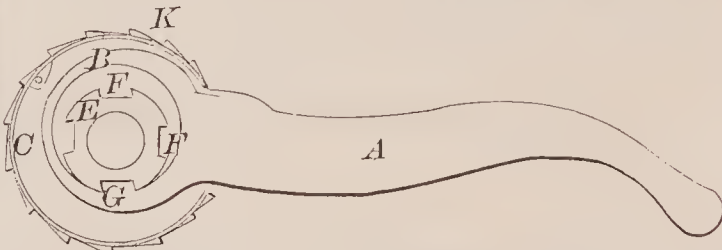
71286—A. M. Darling—*Bag Holder and Filler.*



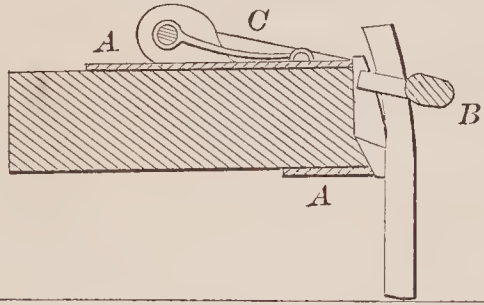
71288—Eaton & Ireland—*Safe.*



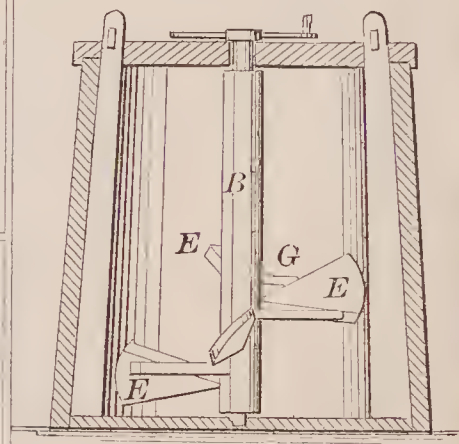
71292—J. H. Fleming—*Windlass Crank Power.*



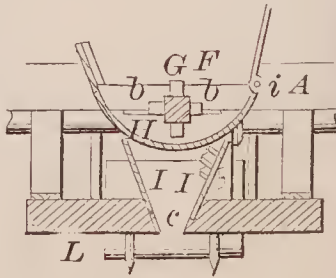
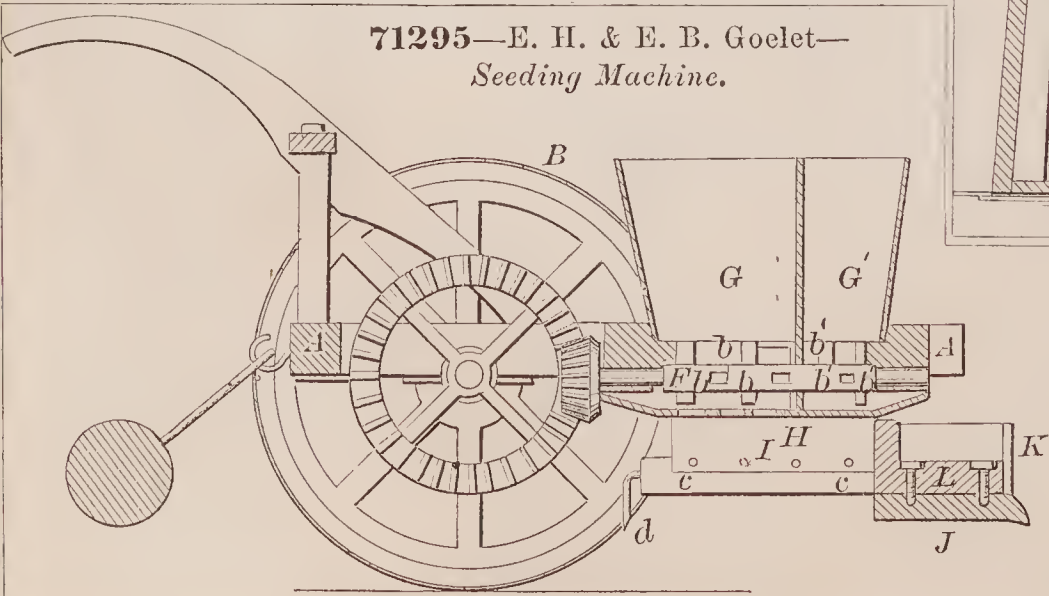
71285—J. W. Currier—*Trace Attachment for Whiffletrees.*



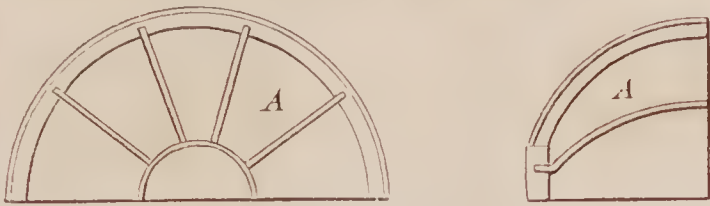
71289—A. N. Elzy—*Churn.*



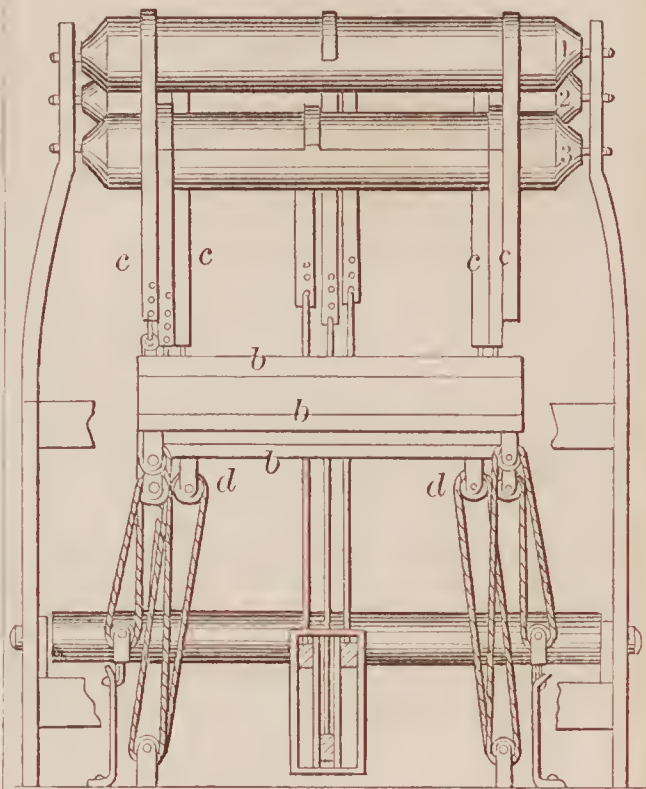
71295—E. H. & E. B. Goelet—*Seeding Machine.*



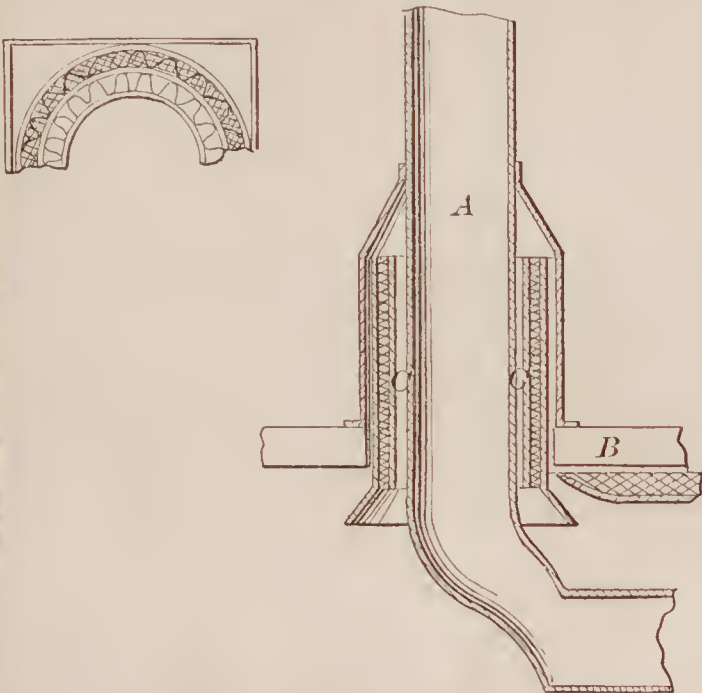
71297—J. Habermehl—*Fire Back for Grates.*



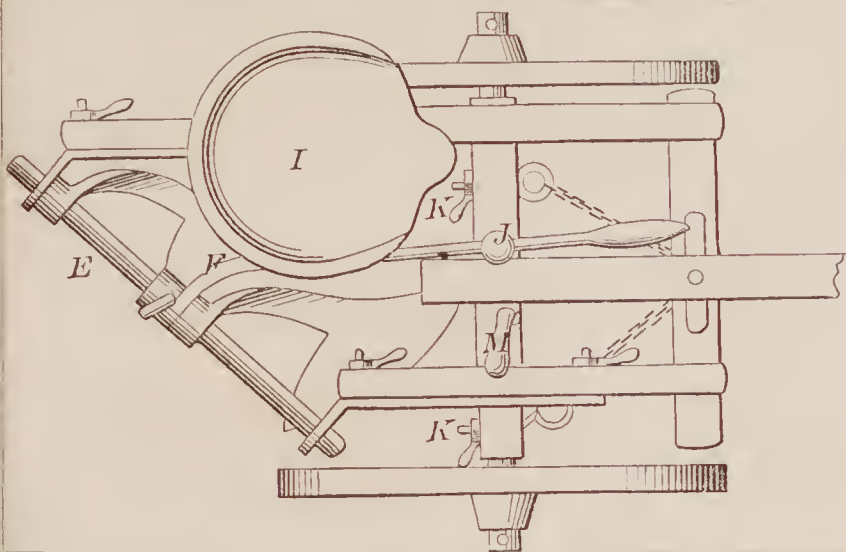
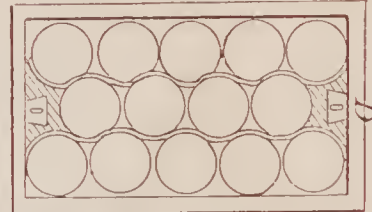
71299—W. Hainsworth—*Loom.*



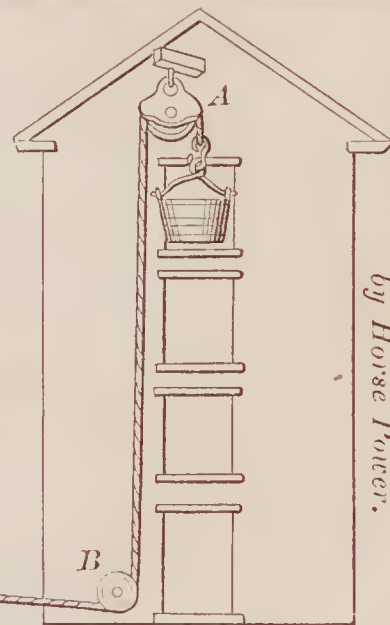
71300—J. B. Harris—*Packing for Smoke Flues.*



71298—F. L. Hagadorn—*Packing Ammunition.*

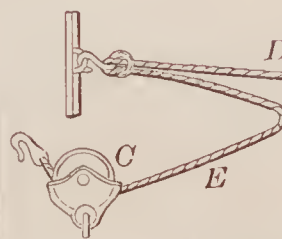
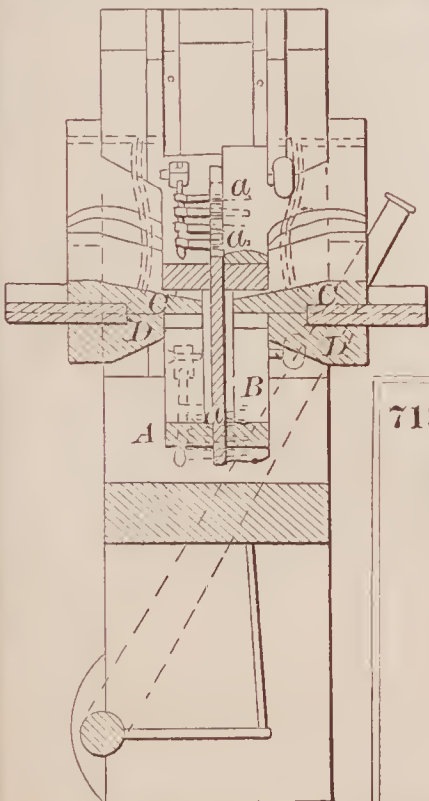


71301—J. Harris—*Gang Plow.*

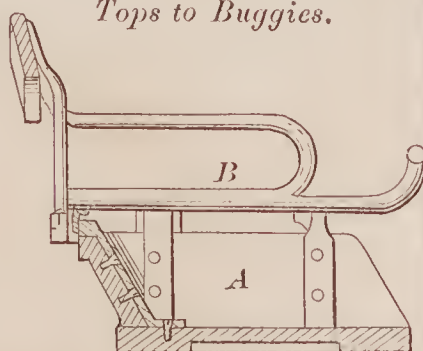


71303—W. H. Hawley—*For Elevating by Horse Power.*

71302—P. Hatch—*Saw Filing Machine.*

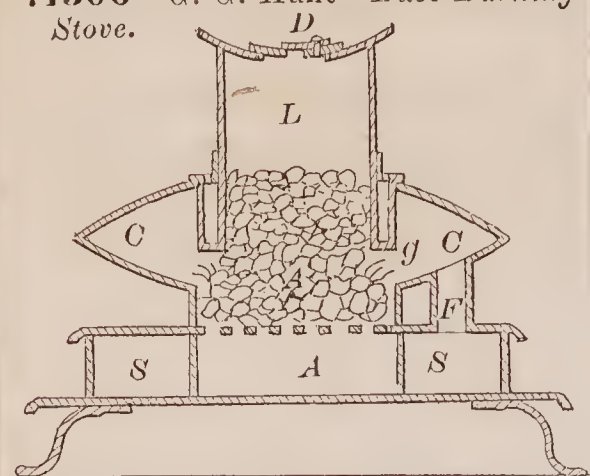
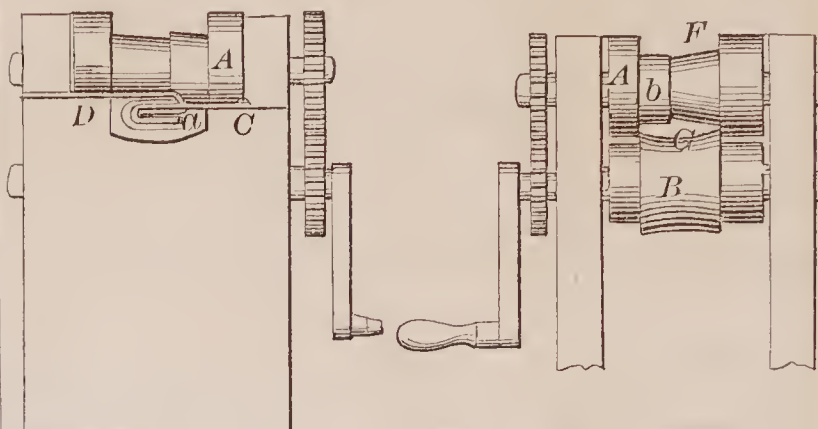
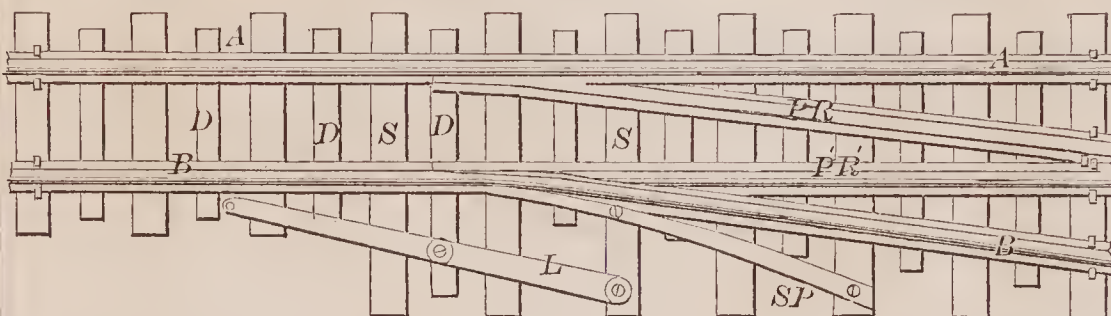
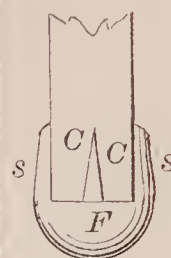
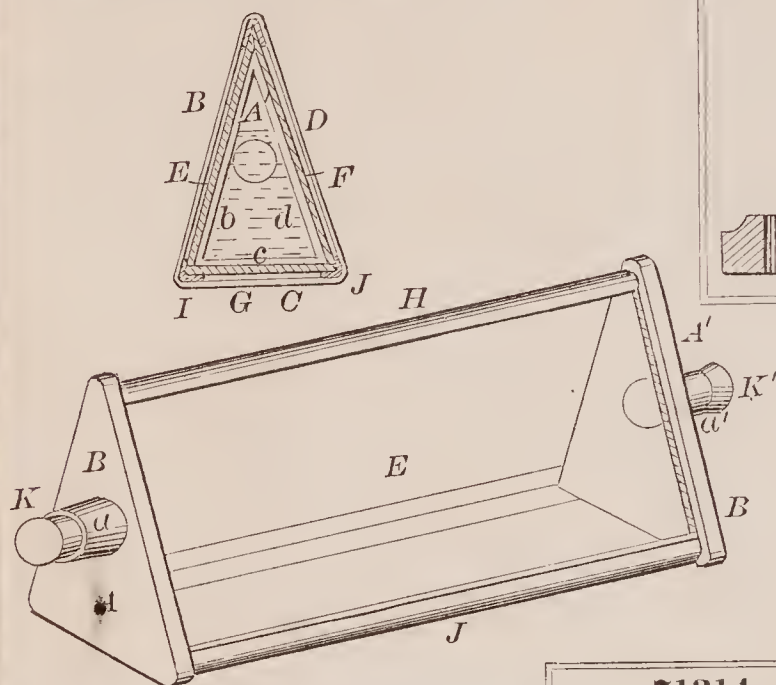
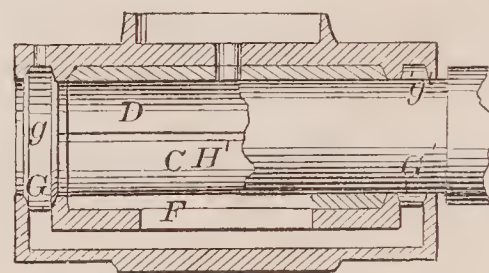
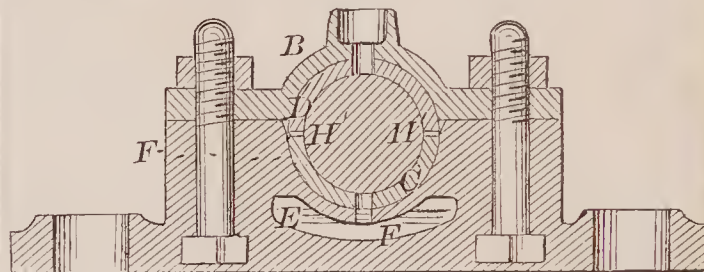
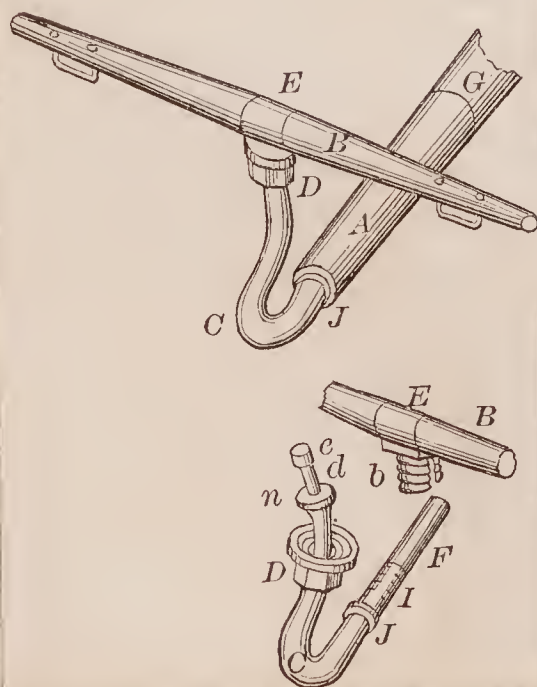
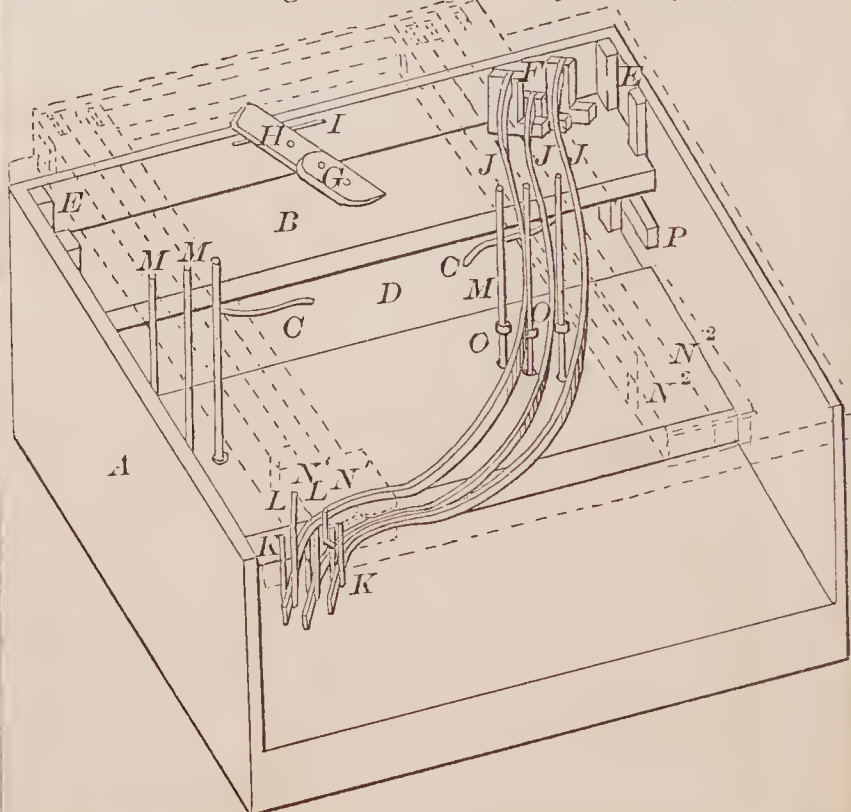


71304—H. F. Holt—*Fastening Tops to Buggies.*



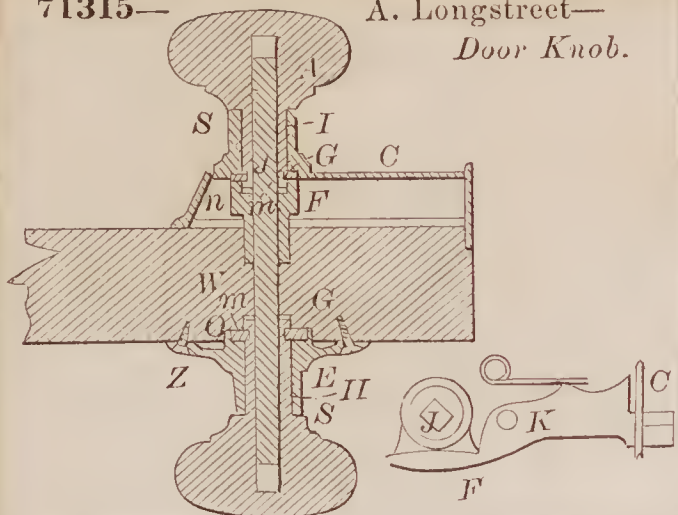
71305—D. Howarth—*Dinner Pail.*



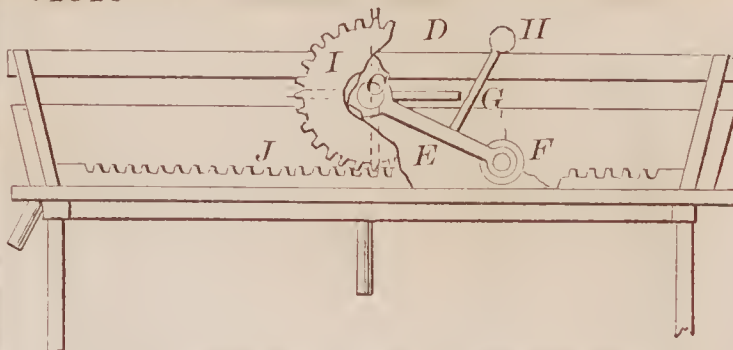
71306—G. G. Hunt—*Base Burning Stove.***71310**—G. H. Kendall—*For Pressing Reins.***71308**—C. W. Jones—*Railway Switch.***71311**—J. W. Kendall—*Foot for Tubs.***71309**—B. Kane—*Water Prism.***71313**—P. P. Lane—*Journal Box.***71312**—H. J. Lamm—*Neck Yoke Fastening.***71314**—Ling & Chandler—*Organ Coupling.*

71315—

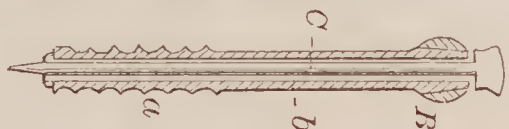
A. Longstreet—*Door Knob.*



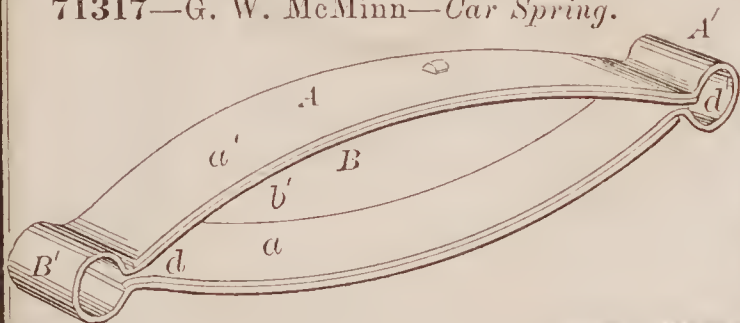
71318—W. C. Moser—*Butter Worker.*



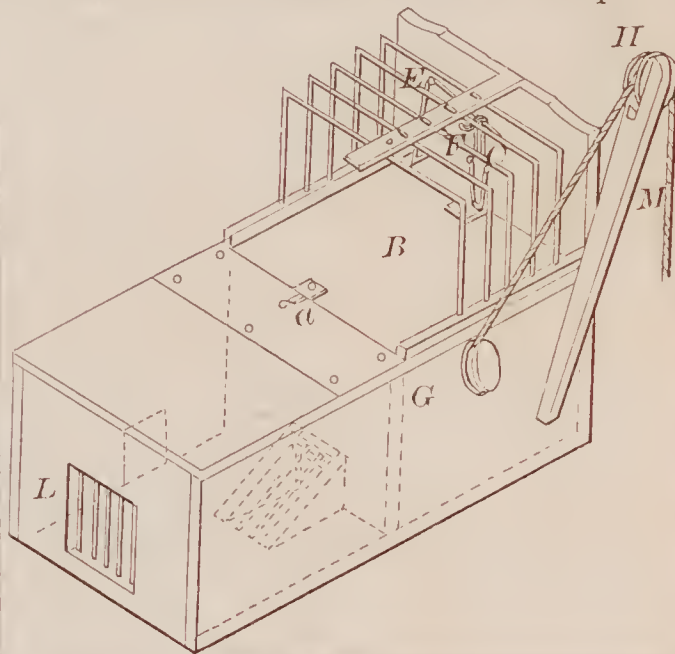
71316—S. McCoun—*Corkscrew.*



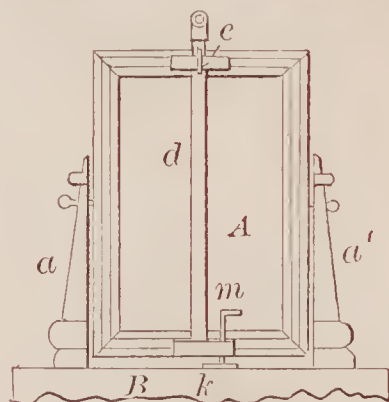
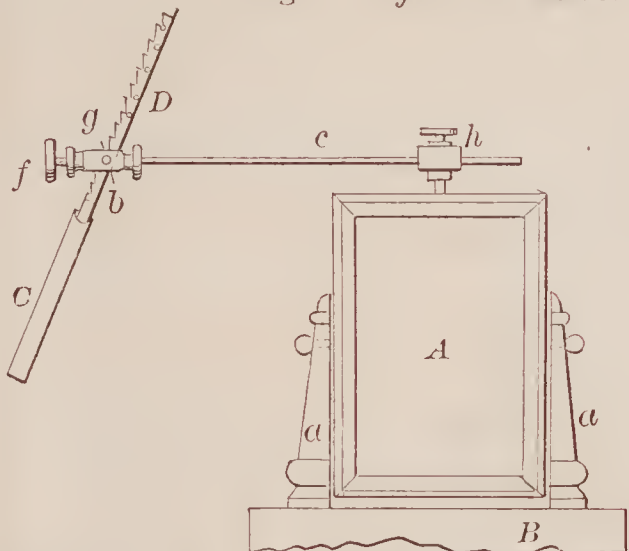
71317—G. W. McMinn—*Car Spring.*



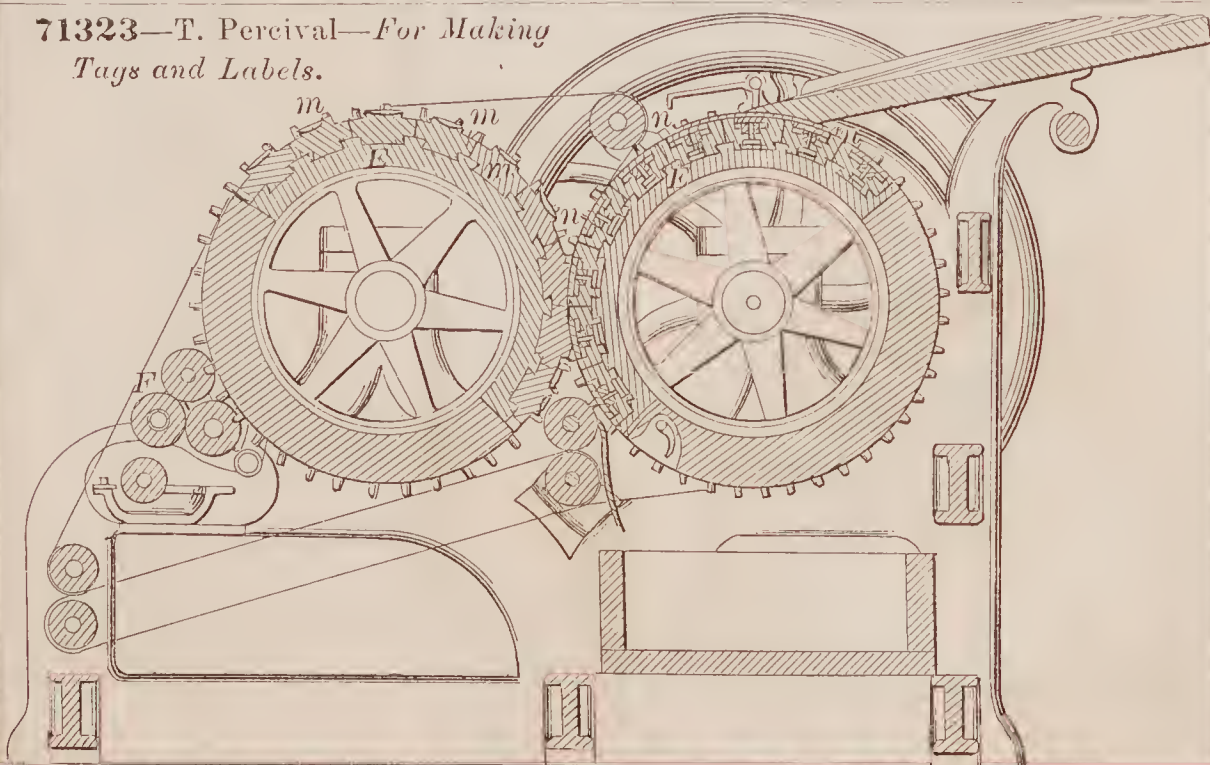
71321—G. J. Parham—*Animal Trap.*



71320—L. F. Neagle—*Adjustable Mirror.*



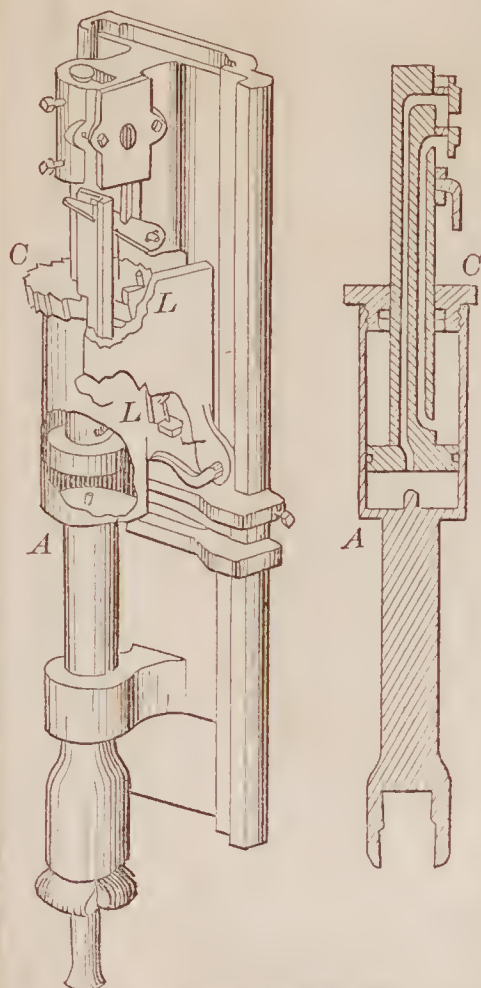
71323—T. Percival—*For Making Tags and Labels.*



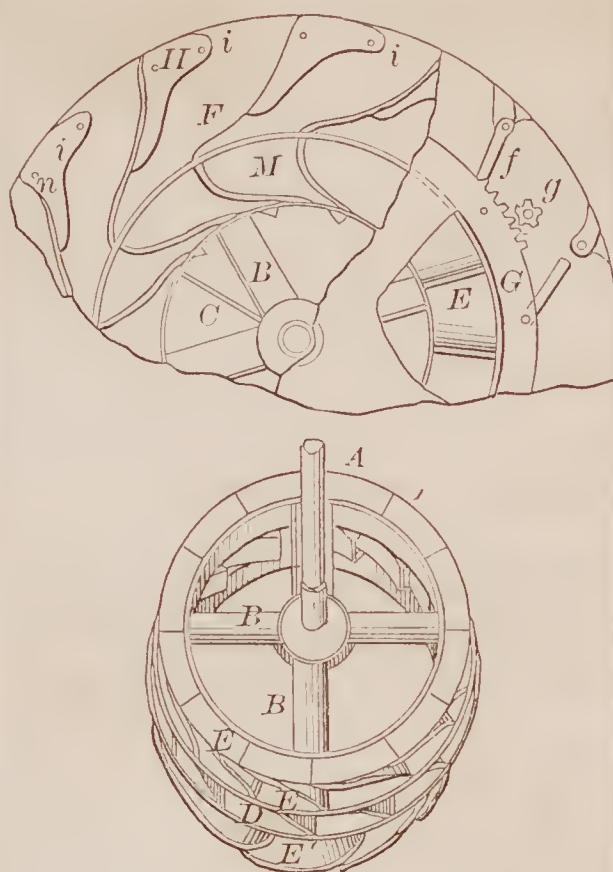
71319—W. Mullally—*Top Spinning Sward.*



71329—Robinson & Wood—*Rock Drilling Machine.*



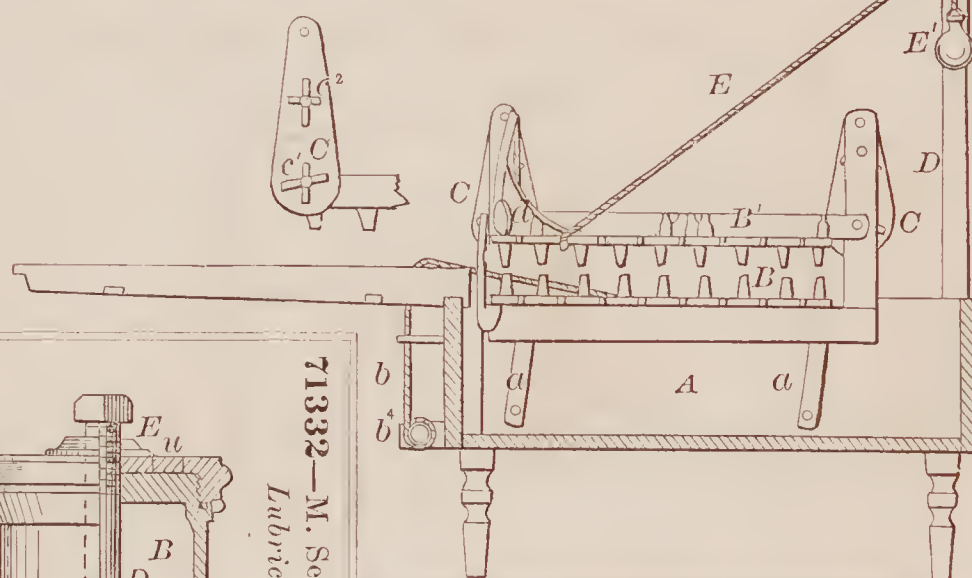
71335—H. W. Shipley—*Water Wheel.*



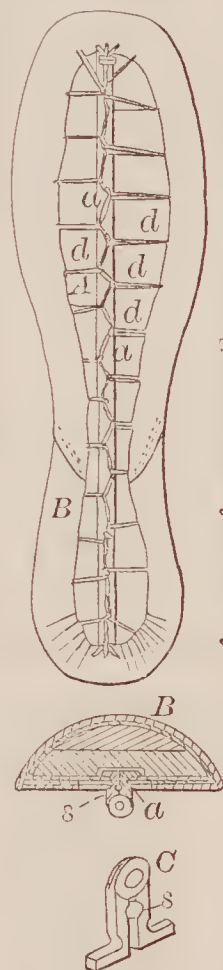
71334—J. Shearer—*Horse Hay Fork.*



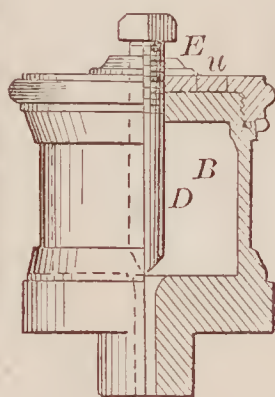
71330—A. J. Rockafellow—*For Tempering Saw Plates.*



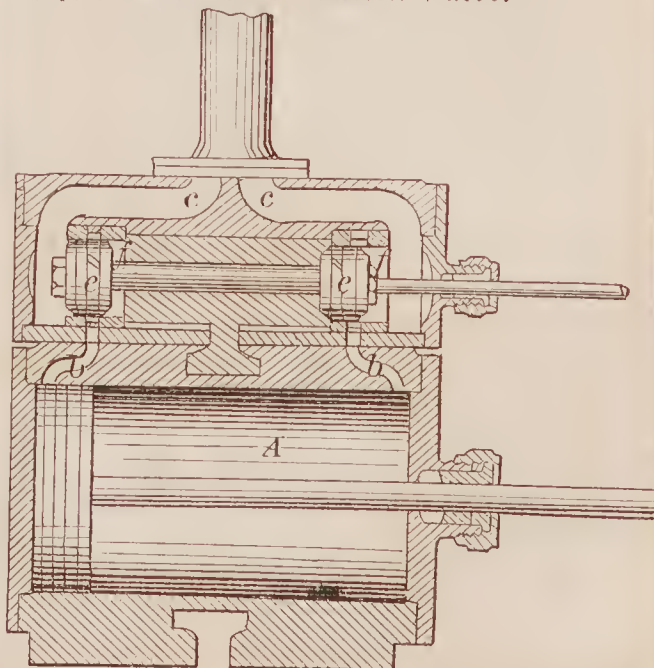
71331—I. R. Rogers—*Manufacture of Shoes.*



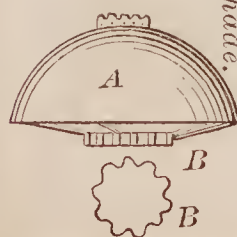
71332—M. Sellers—*Journal Lubricator.*



71337—I. Soule—*Piston Valve.*

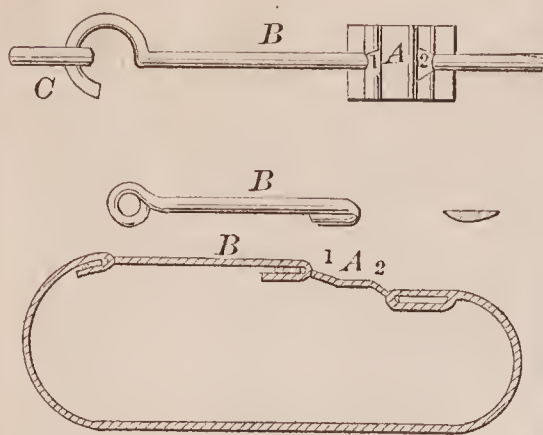
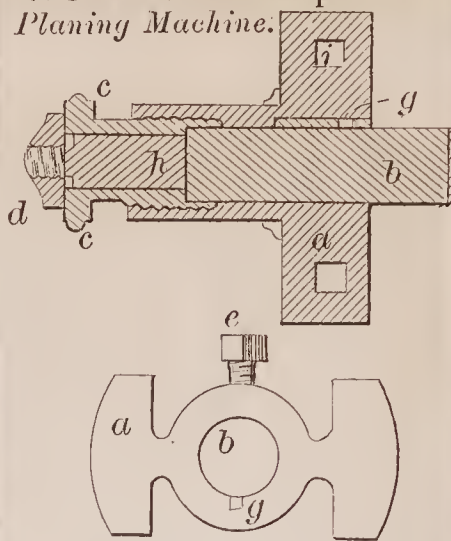
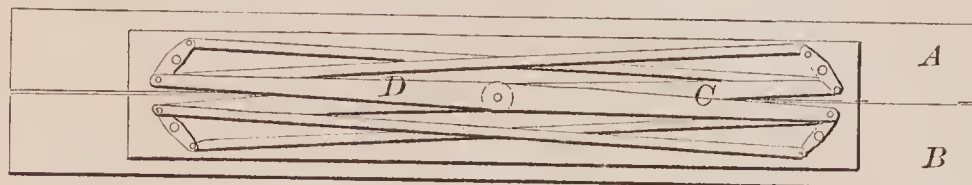
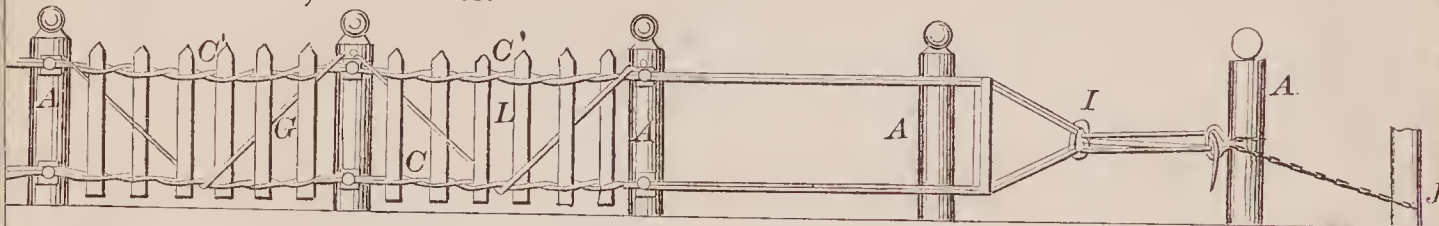
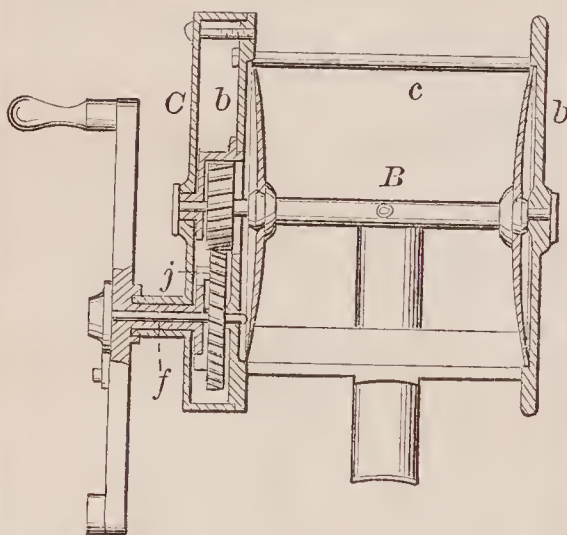
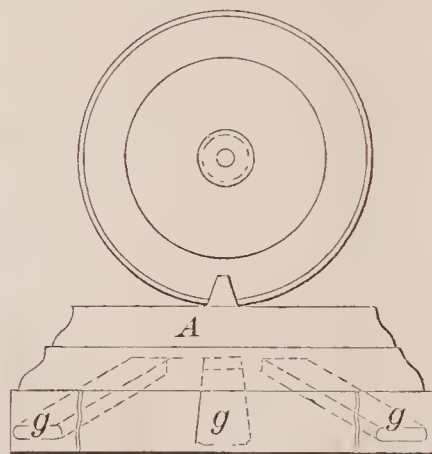
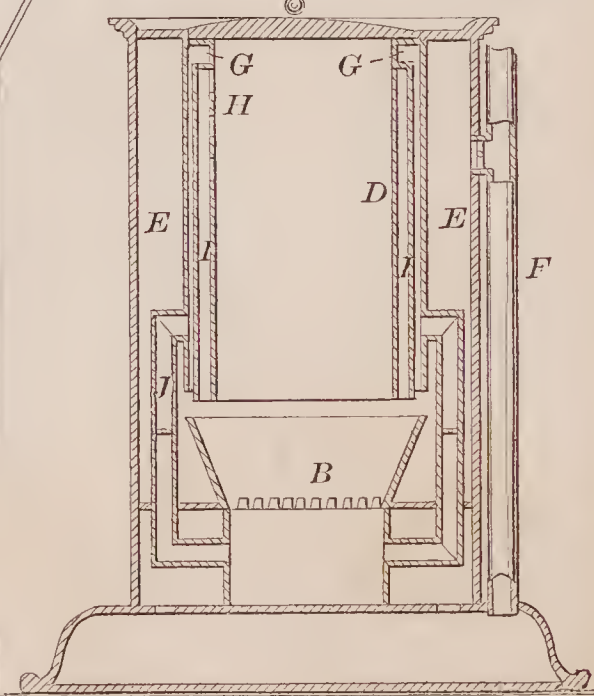
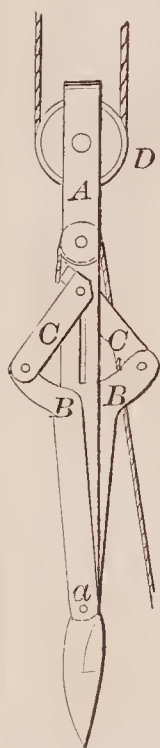
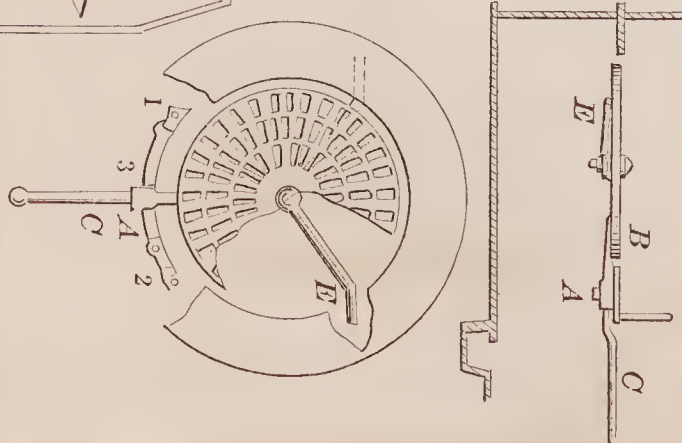
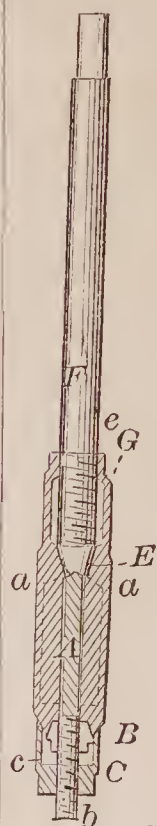


71333—W. F. Shaw—*Lamp Shade.*

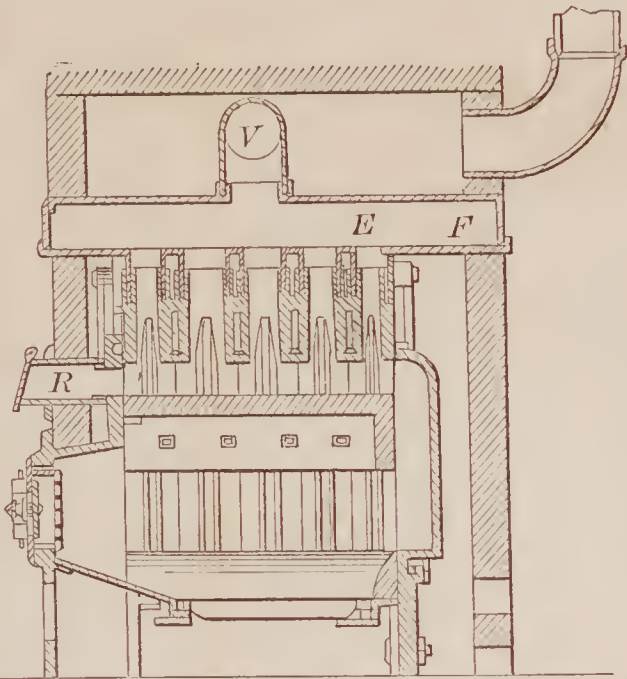


71336—J. M. Smith—*Plate Lifter.*

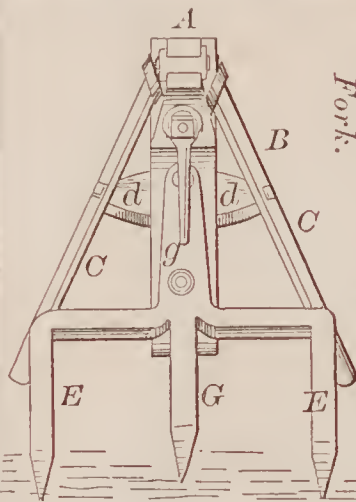
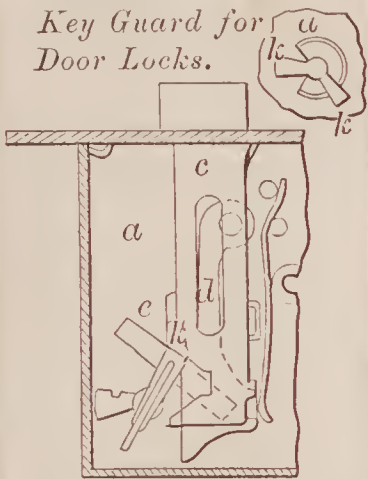


71338—J. R. Speer—*Cotton Bale Tie.***71341**—C. R. Tompkins—*Planing Machine.***71342**—A. J. Vandegrift—*Parallel Movement.***71340**—A. Todd, Jr.—*Fence.***71344**—J. Vom Hofe—*Fishing Reel.***71346**—W. Weaver—*Insect Trap.***71347**—C. M. Whelden—*Stove.***71343**—P. Vanderbilt, Jr.—*Horse Hay Fork.***71345**—Waters & Brown—*Stove Grate.***71339**—Sylvester & Brooks—*Reaming Tool.*

71348—Whitaker & Constantine—*Hot Air Furnace.*

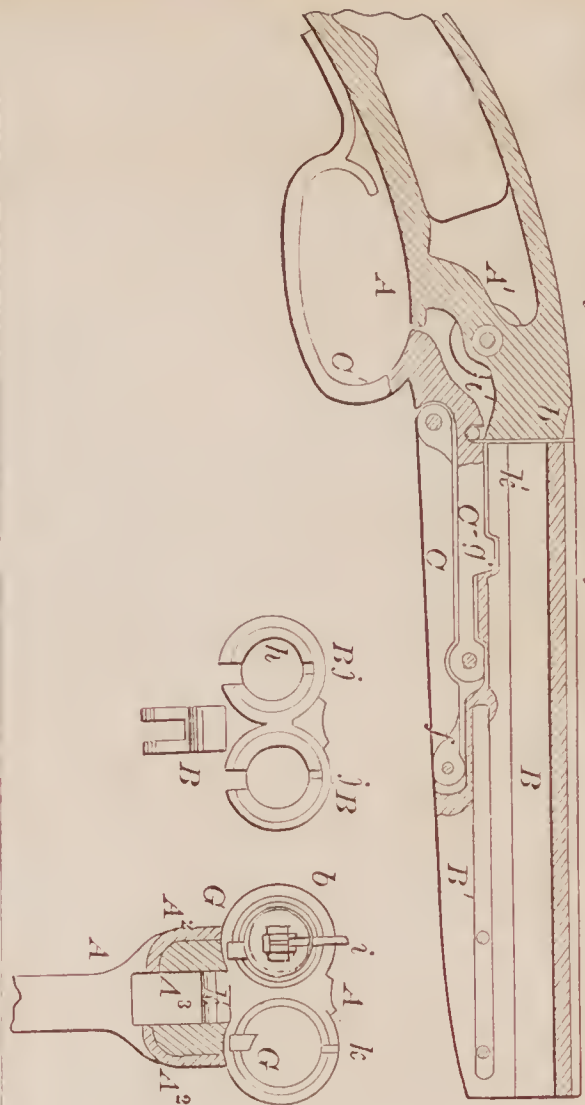


71350—J. Wiard—*Key Guard for Door Locks.*

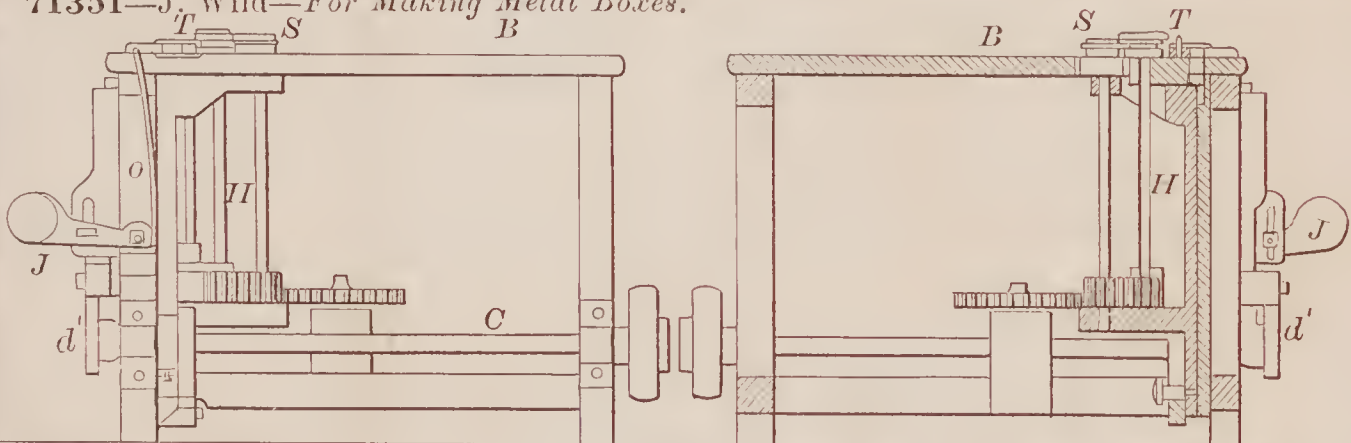


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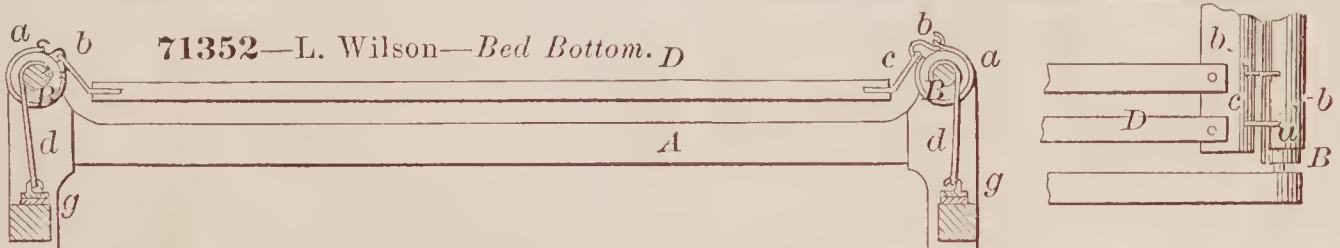
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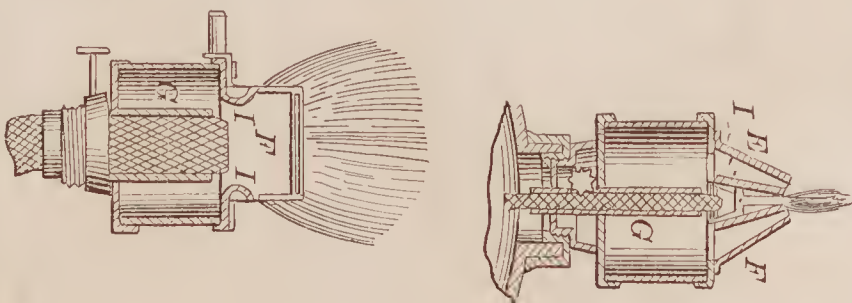
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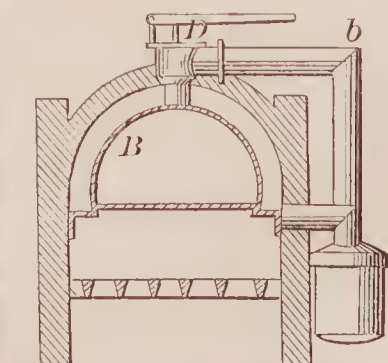
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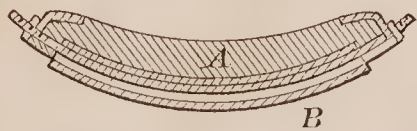
71354—H. Young—*Lamp.*



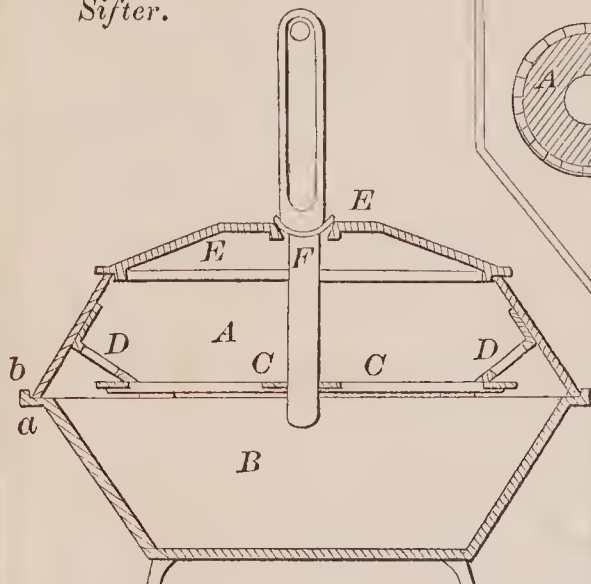
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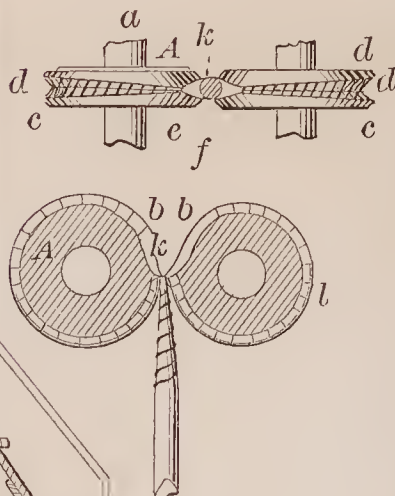
71357—J. Barron—*Elastic Rocker for Chairs.*



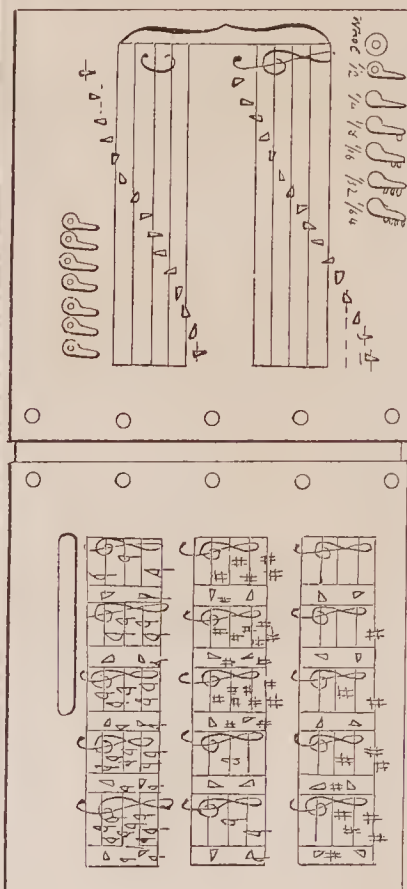
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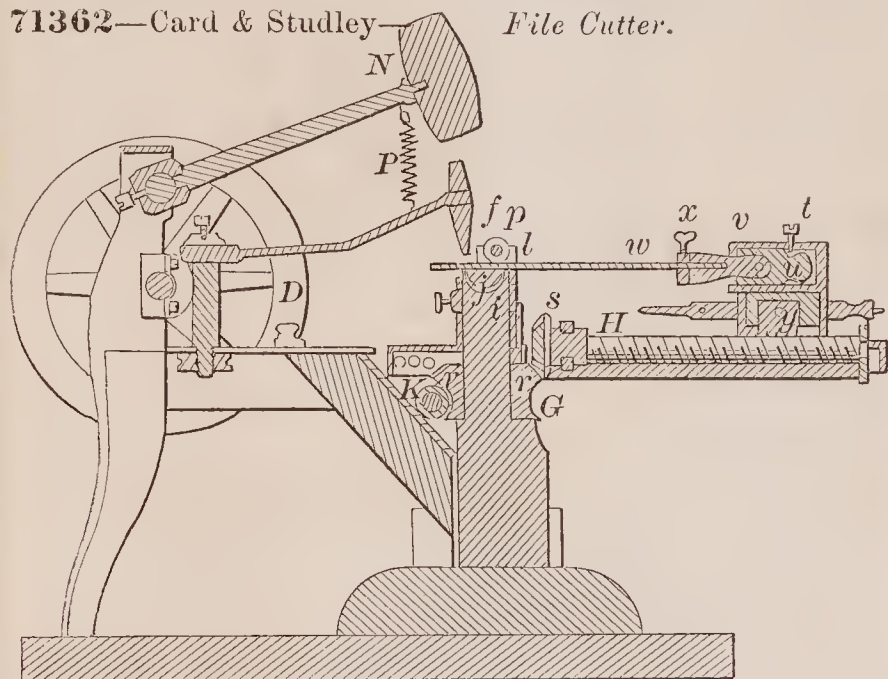
71360—G. B. Brayton—*Dic for Threading Screws.*



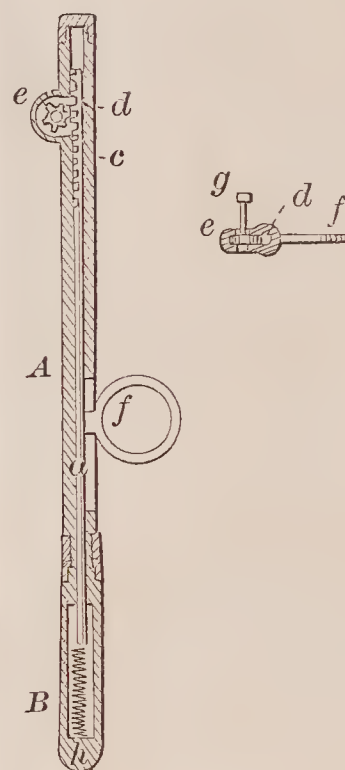
71359—J. Branique—*Musical Tablet.*



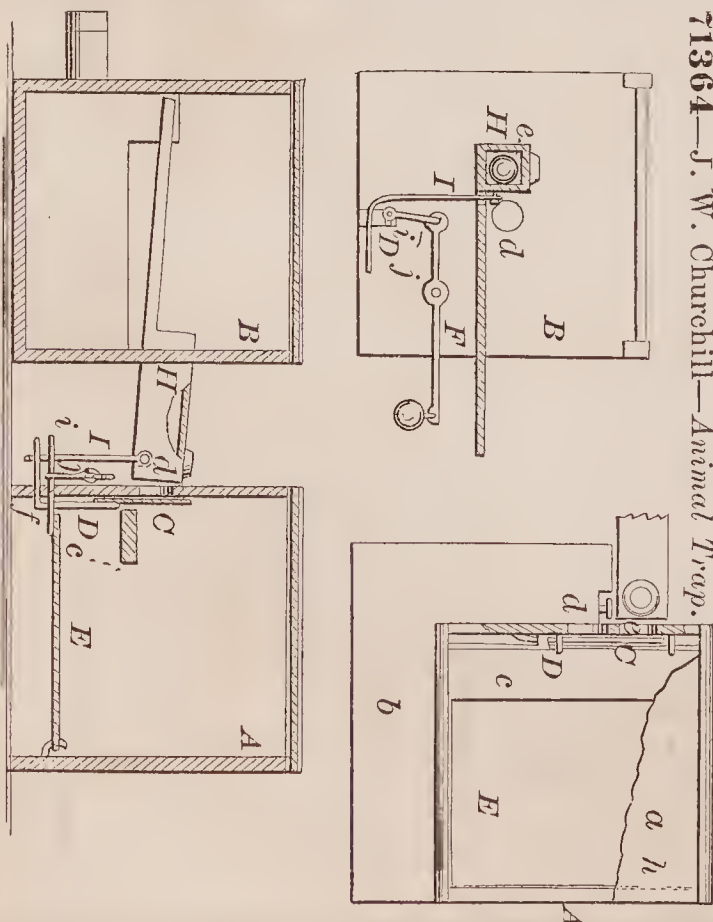
71362—Card & Studley—*File Cutter.*



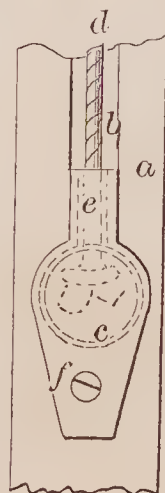
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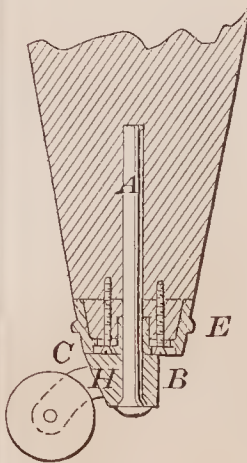
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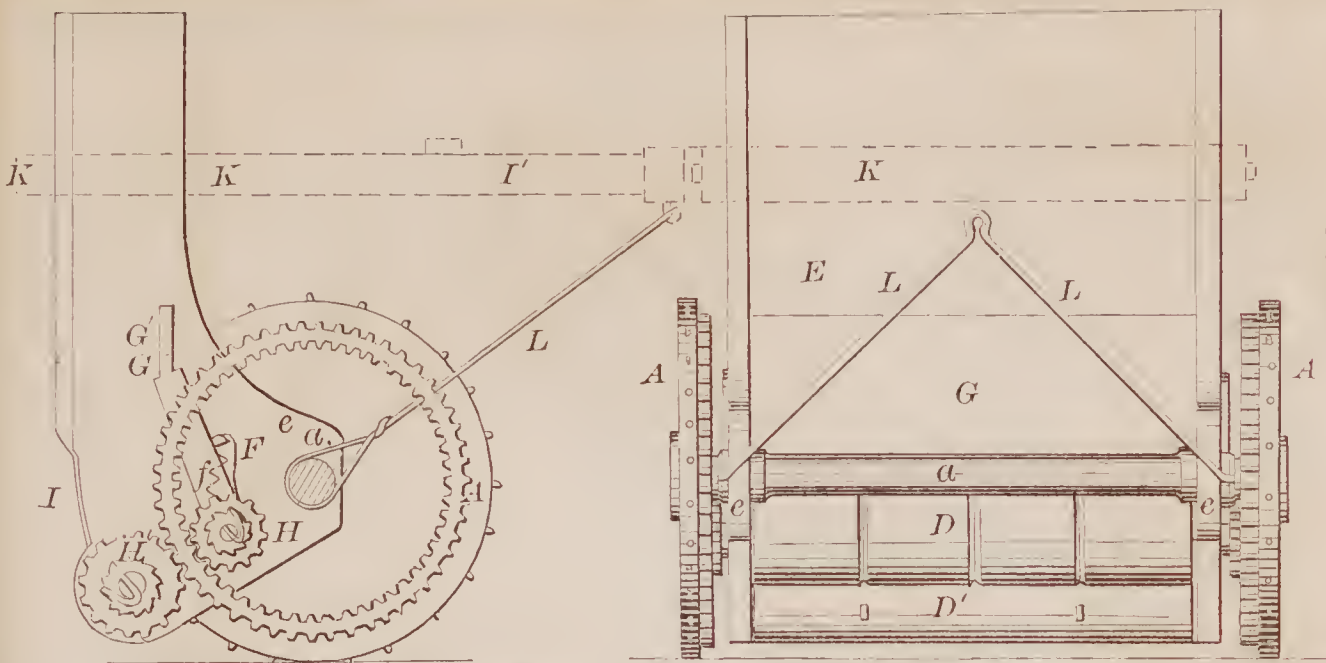
71365—J. Correja—*Sash Cord Fastener.*



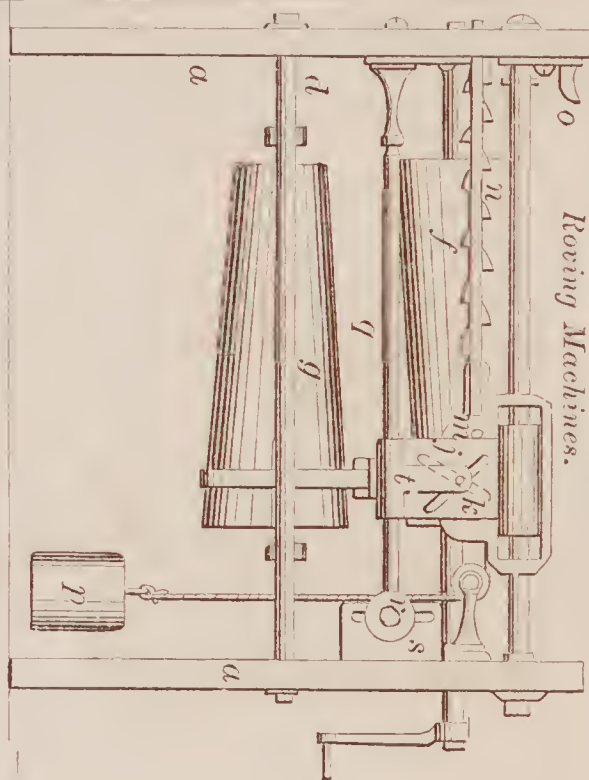
71363—L. F. Cerf—*Furniture Caster.*



71366—E. N. Curtice—*Hay Raker and Loader.*



71369—J. Edwards—*Belt Shifter for Roving Machines.*



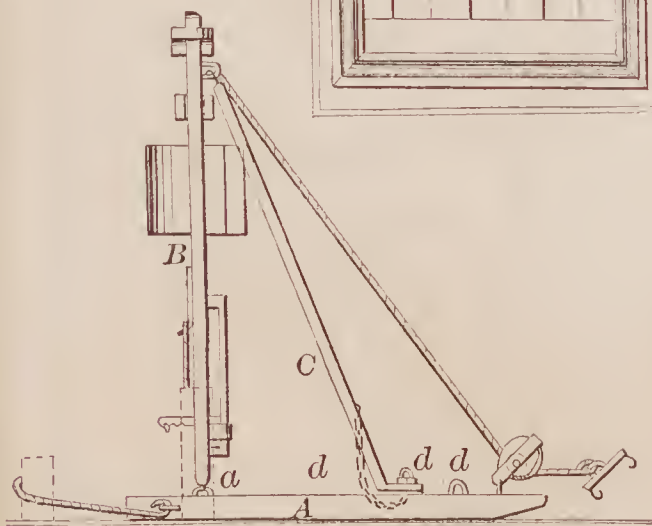
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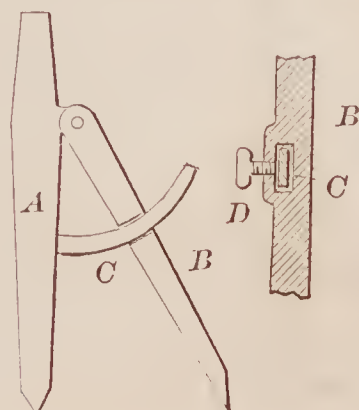
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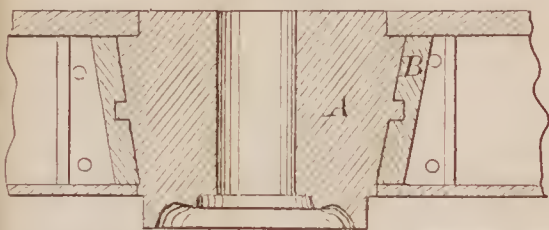
71372—C. T. Fitch—*Post Driver.*



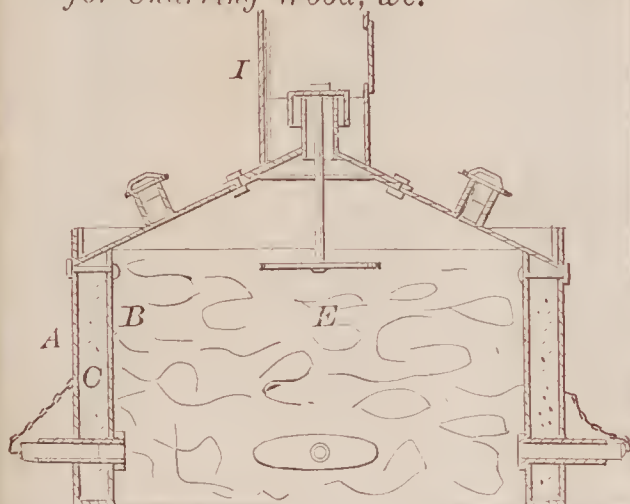
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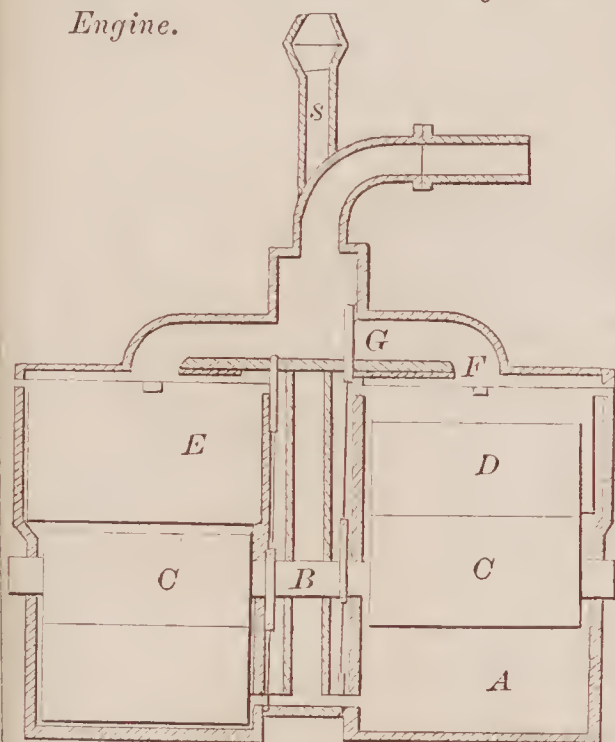
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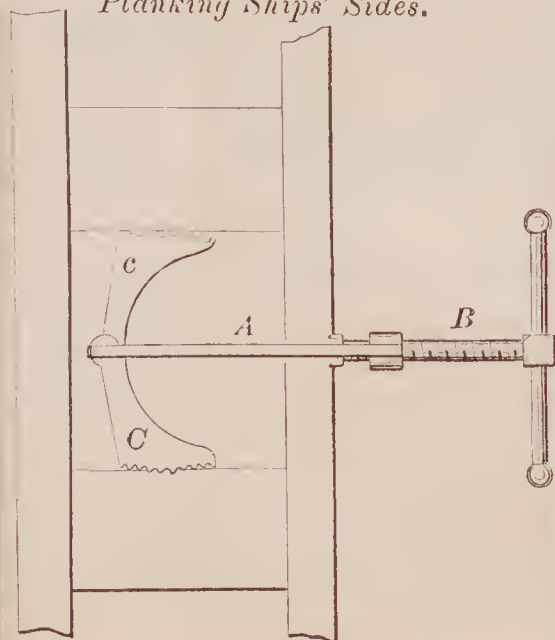
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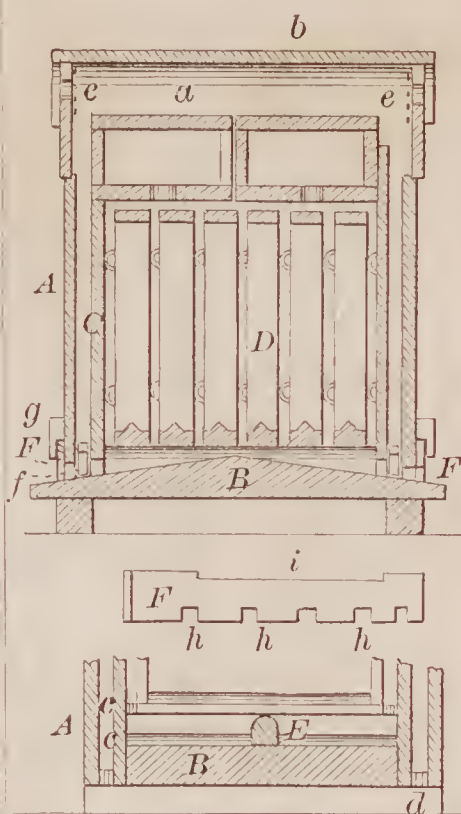
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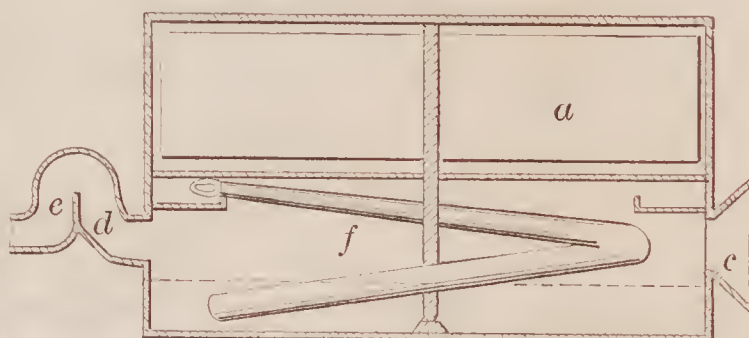
71387—J. J. Hill—Clamp for Planking Ships' Sides.



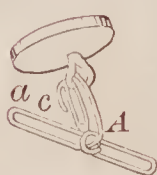
71381—A. Gray—Beehive.



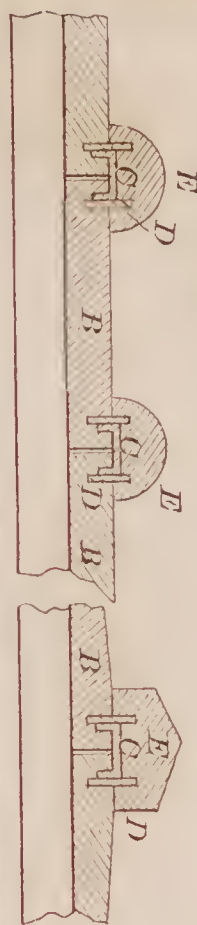
71385—C. H. Haskins—Car Ventilator.



71382—R. B. Griffin, Jr.—Button Fastener.



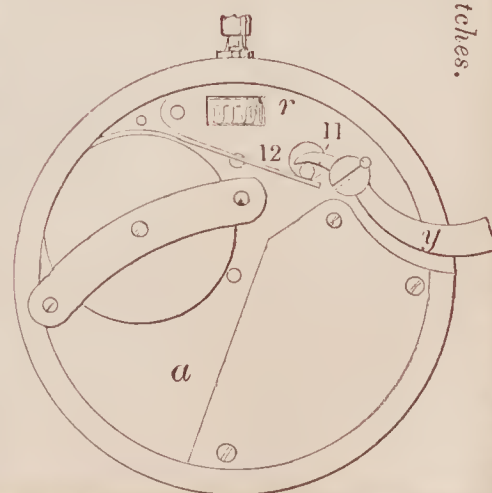
71386—R. P. Henry—Roofing.



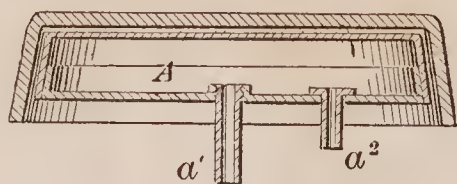
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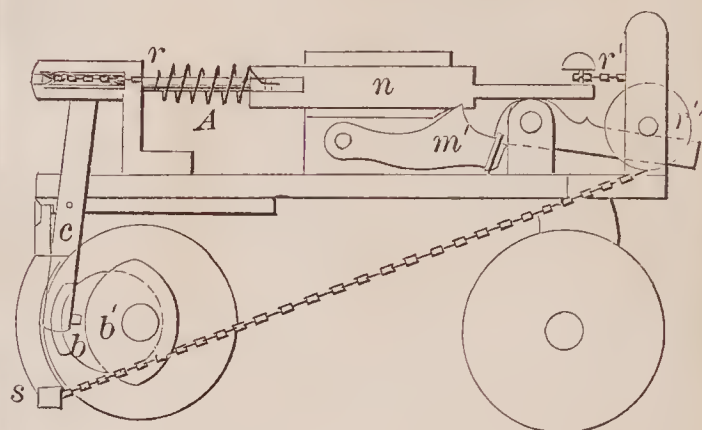
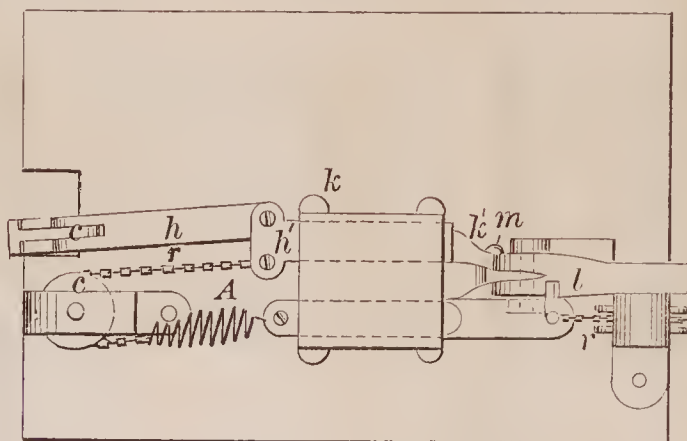
71388—G. W. Hunt—Stove Corner Lifter.



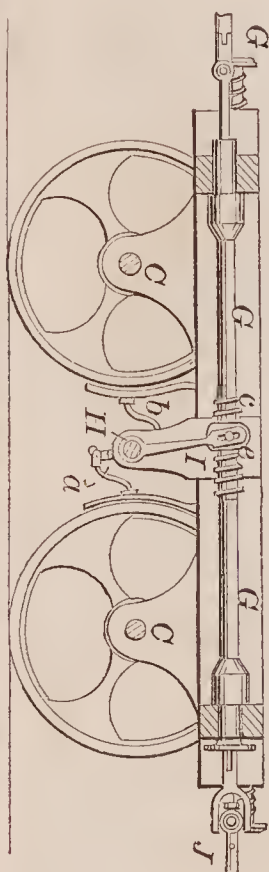
71390—A. & I. Jennings—*Manufacture of Paper Vessel.*



71391—T. A. Kelley—*Car Brake.*



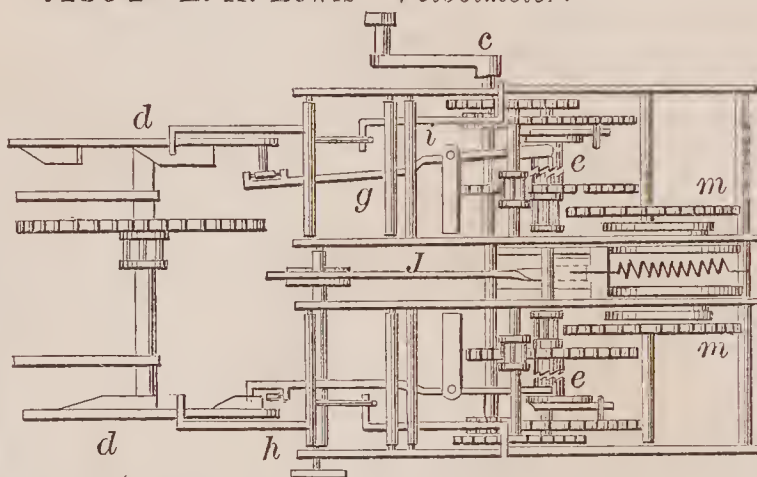
71392—Kitchen, Kitchen & Samuels—*Car Brake.*



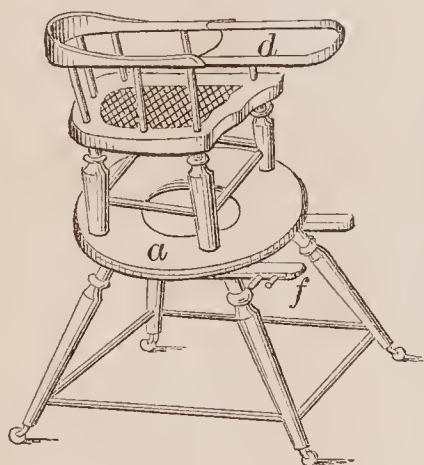
71393—W. H. Kuntz—*Hoisting Apparatus.*



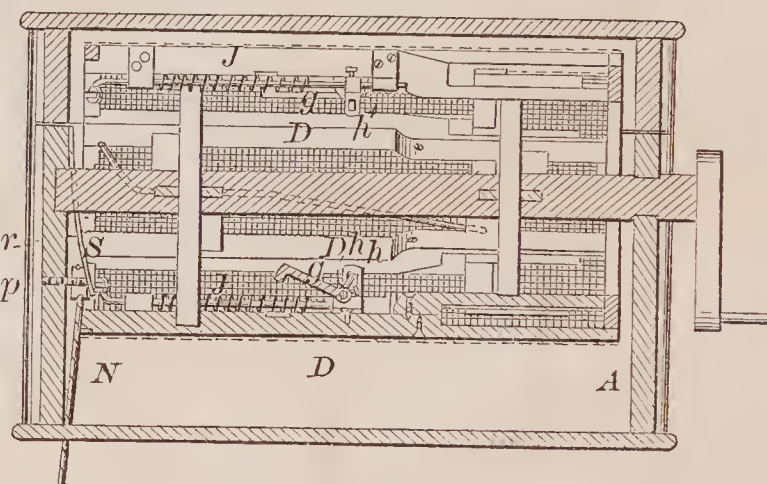
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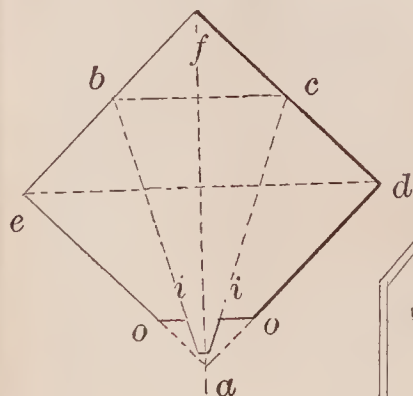
71397—Loring & Averell—*Nursery Chair.*



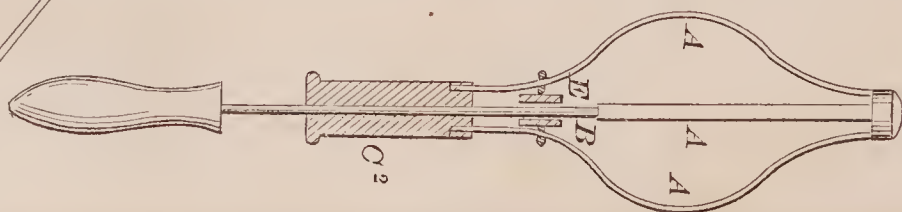
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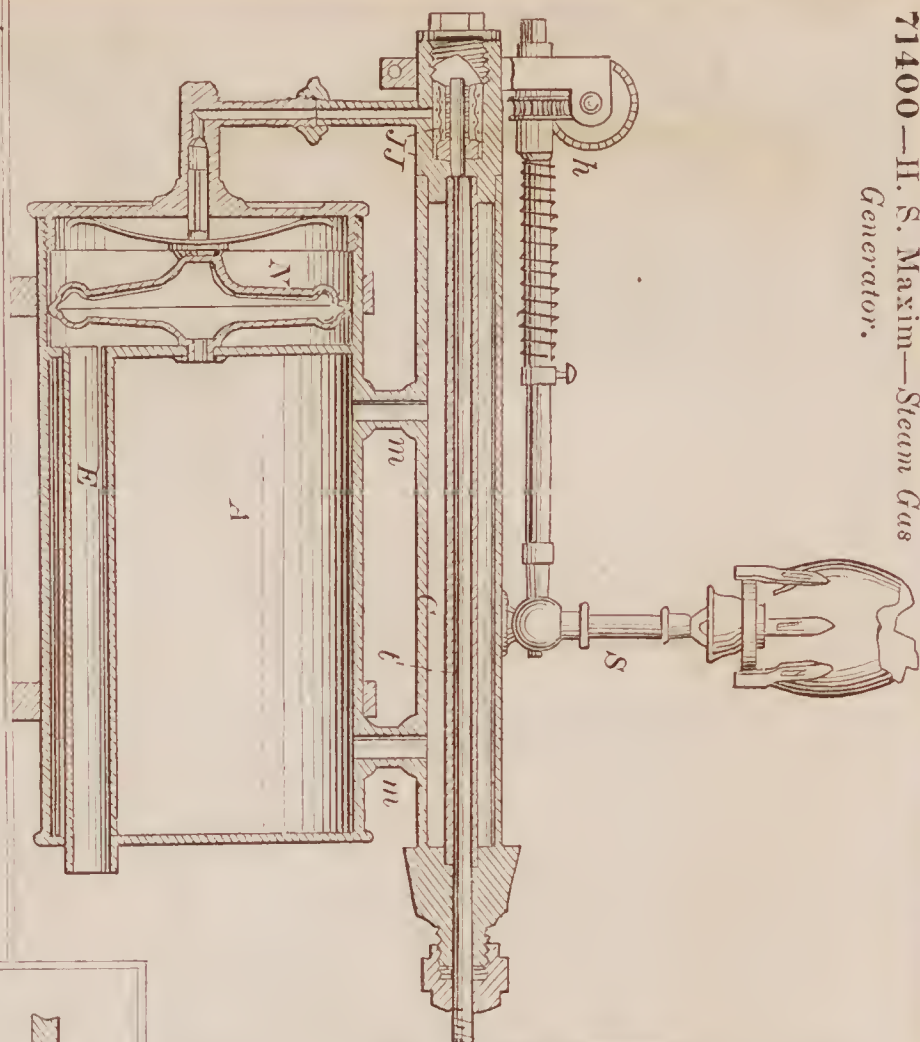
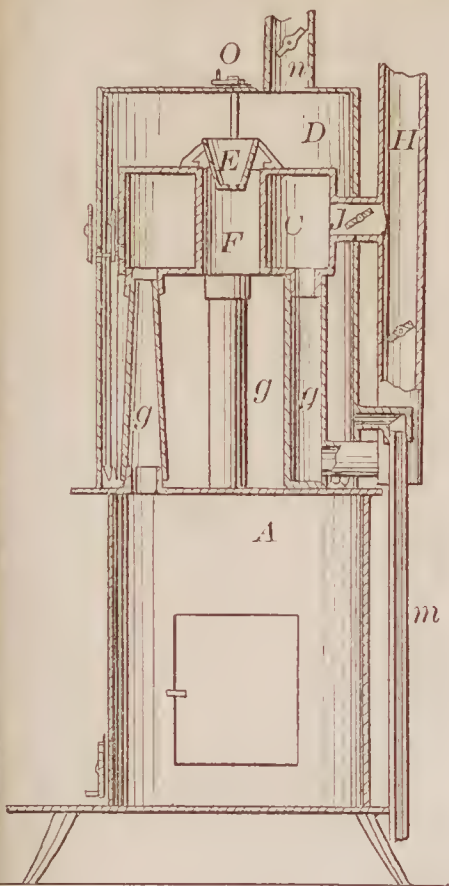
71398—D. & C. F. Manuel—*Paper Bag.*



71396—J. H. Lightner—*Lamp Chimney Cleaner.*

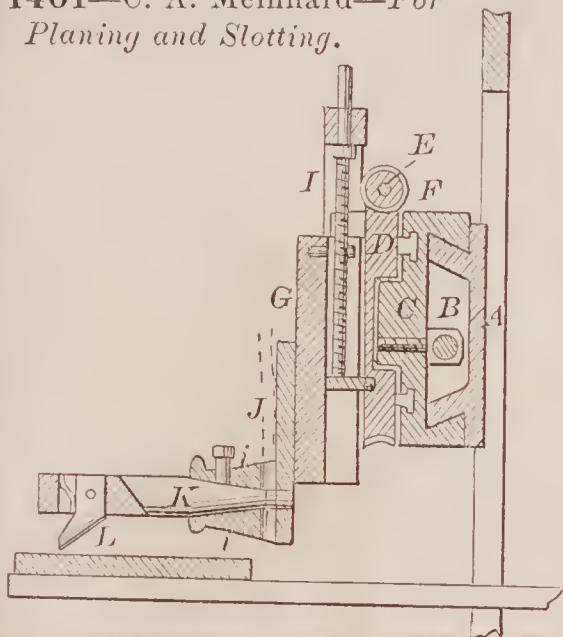


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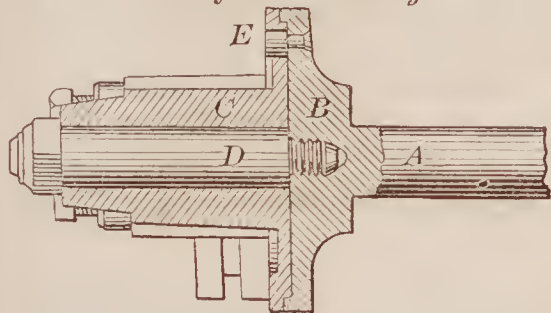


71400—H. S. Maxim—Steam Gas Generator.

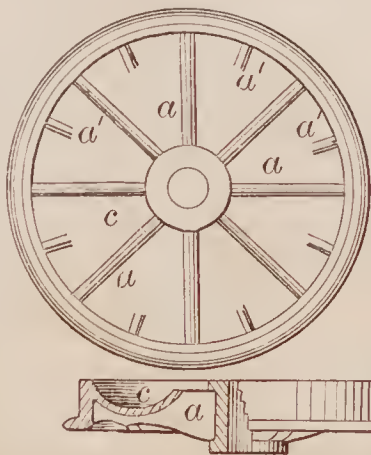
71401—C. A. Meinhard—For Planing and Slotting.



71403—E. Myers—Planing Machine.



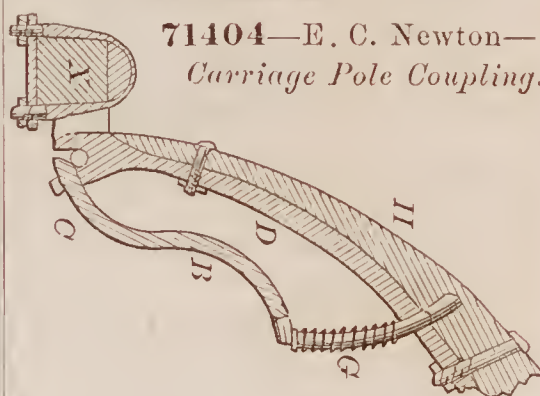
71408—G. Peacock—Cast Iron Car Wheel.



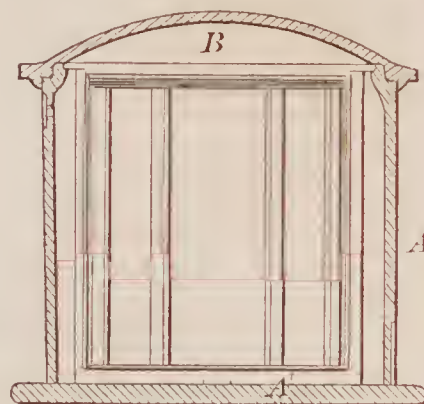
71402—Miller & Pernot—Bung Extractor.



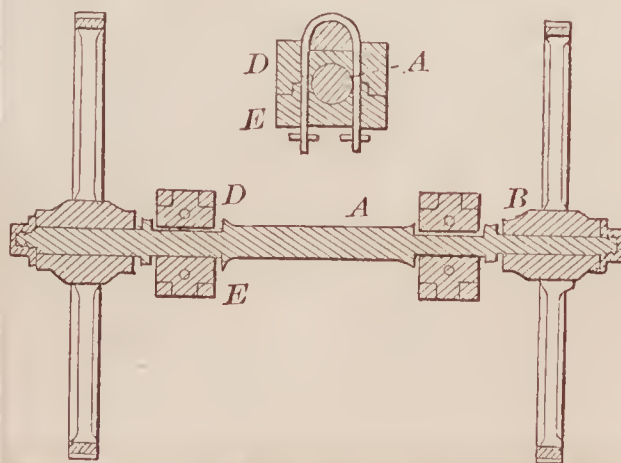
71404—E. C. Newton—Carriage Pole Coupling.



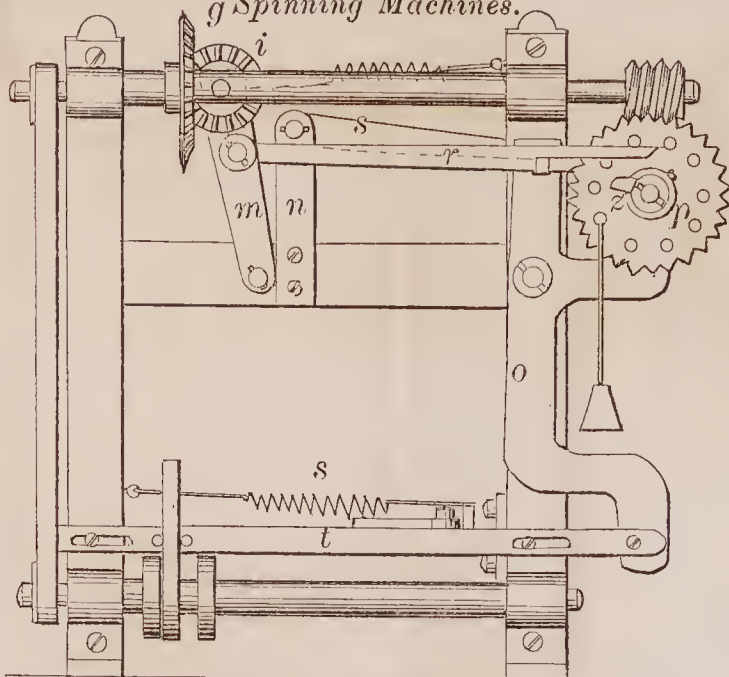
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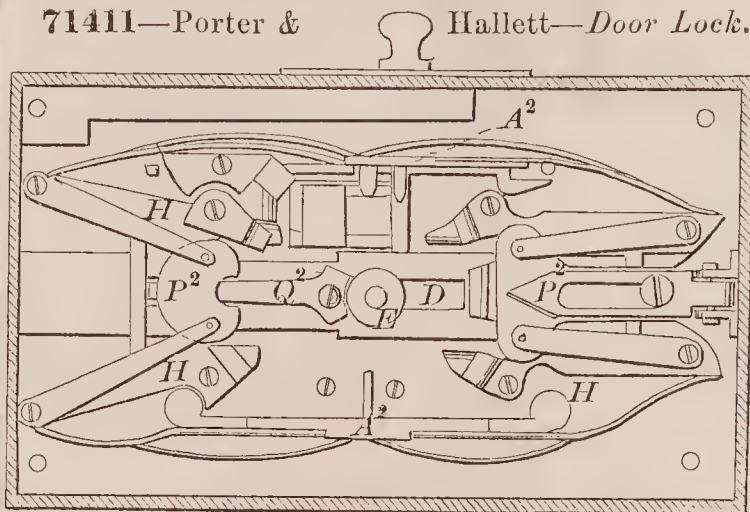
71406—H. Parker—Wagon.



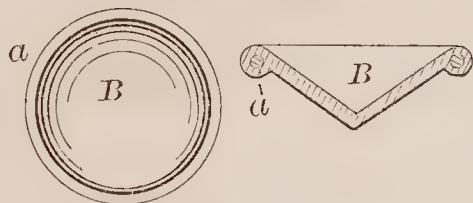
71409—F. R. Pearson—*Jack Centre for g Spinning Machines.*



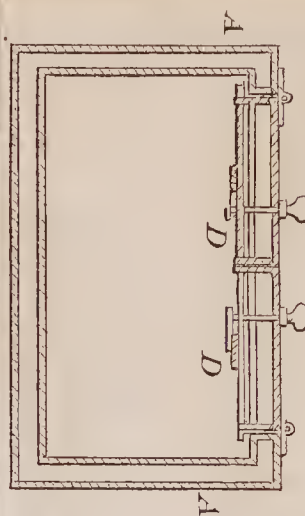
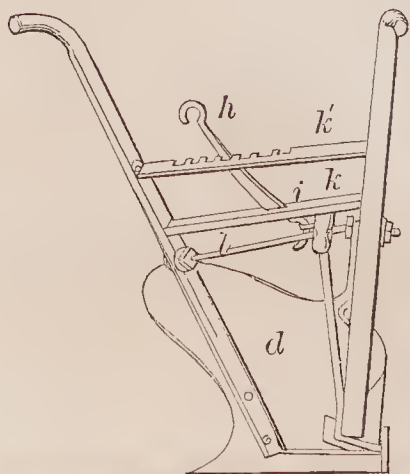
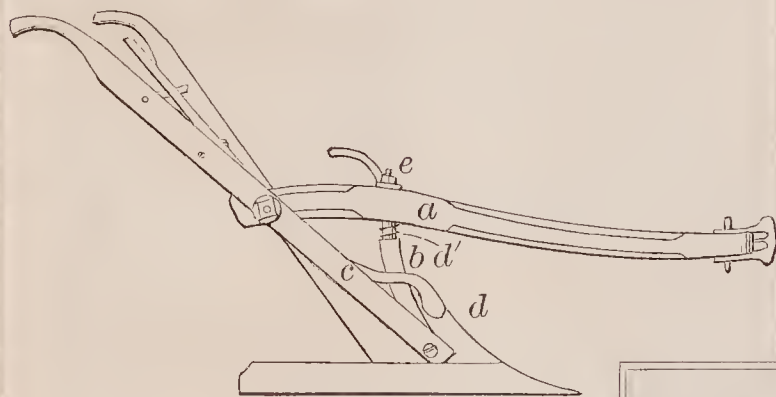
71411—Porter & Hallett—*Door Lock.*



71414—A. C. Rohleder—*Uterine Supporter.*



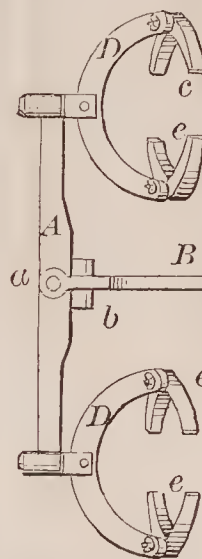
71419—S. S. Starnes—*Plow.*



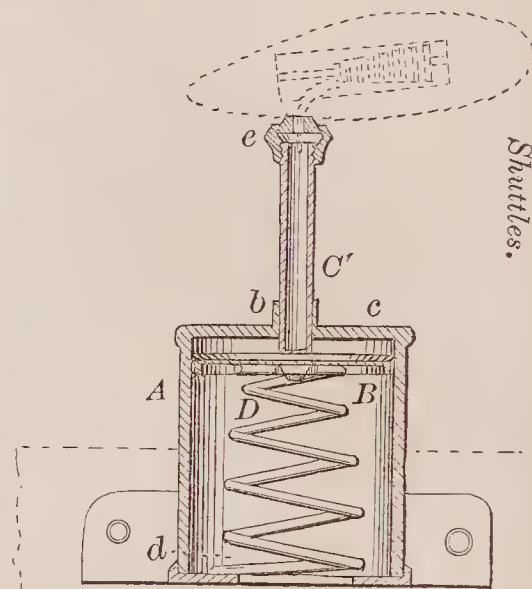
71410—J. R. Pierson—*Safe Door Bolt.*



71412—J. G. Pugsley—*Elastic Rein Pull.*



71415—E. Sanford—*Draught Attachment for Horses.*

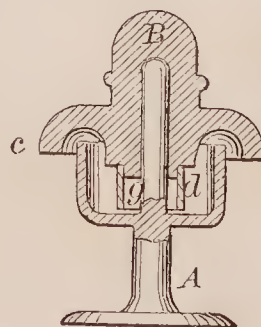


71413—L. Ripley—*For Threading Shuttles.*

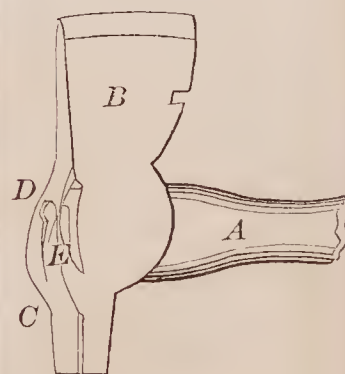
71417—Sheffield & Whitcomb—*Railroad Rail.*



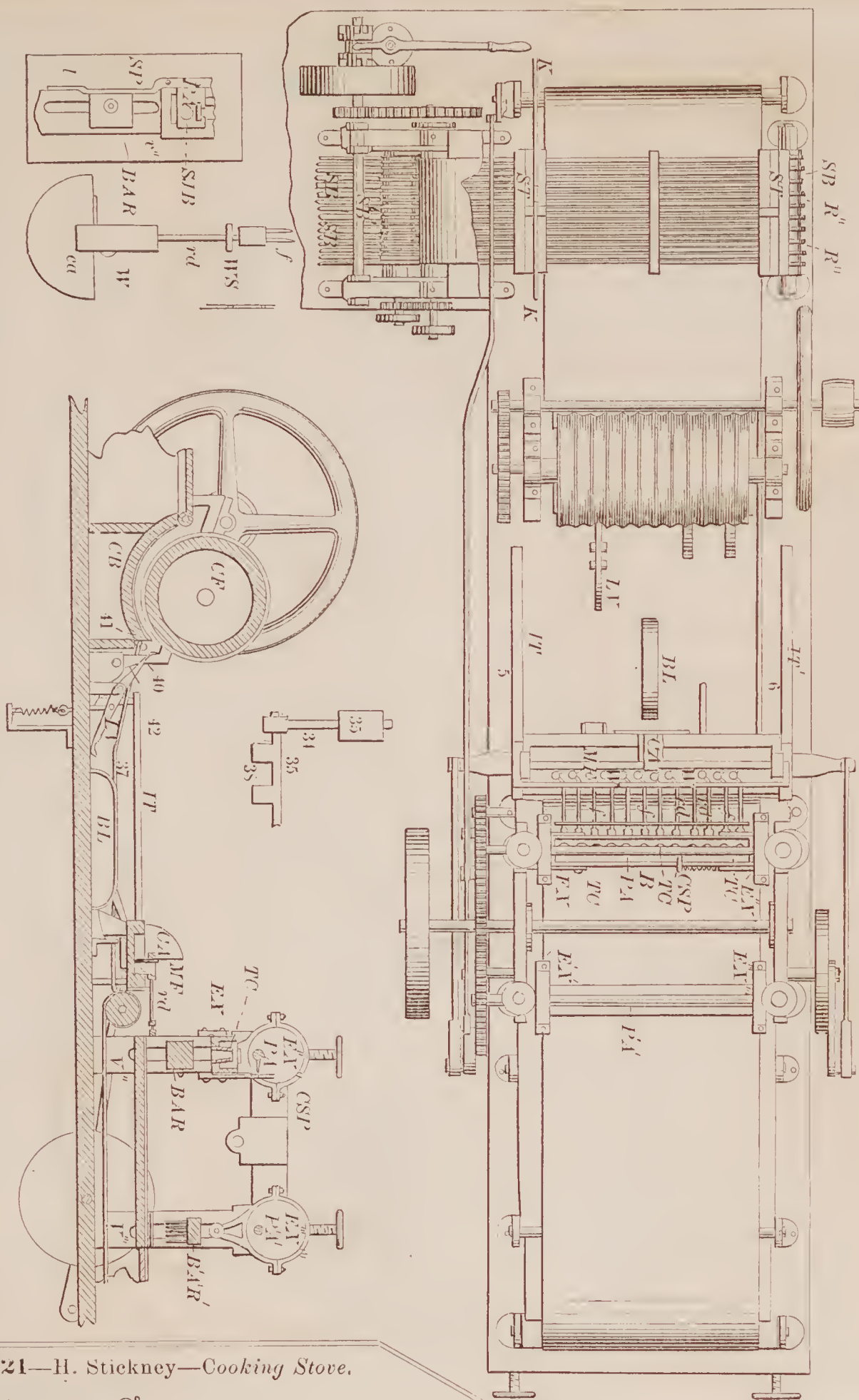
71418—W. E. Simonds—*Telegraph Insulator.*



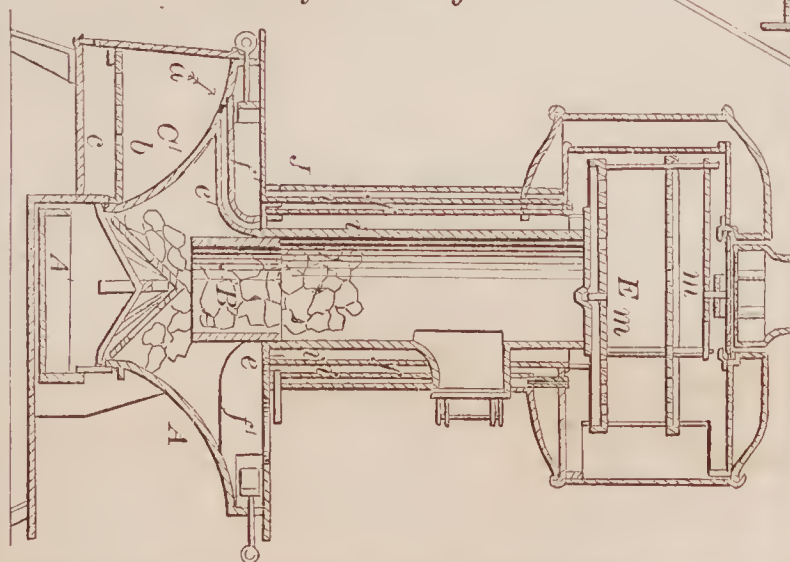
71416—J. T. Shank—*Hatchet.*



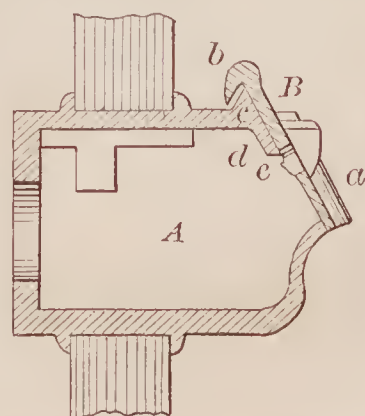
71420—D. Steward—Cracker Machine

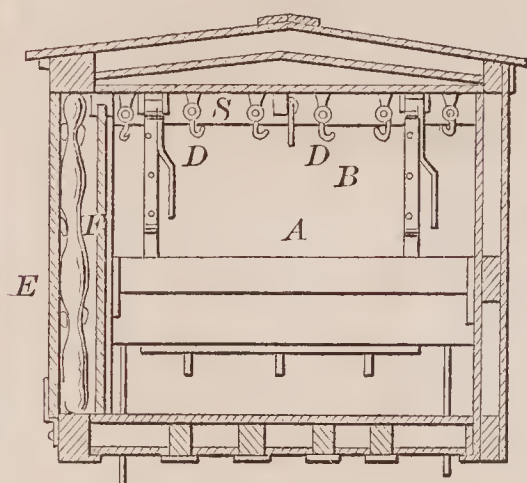
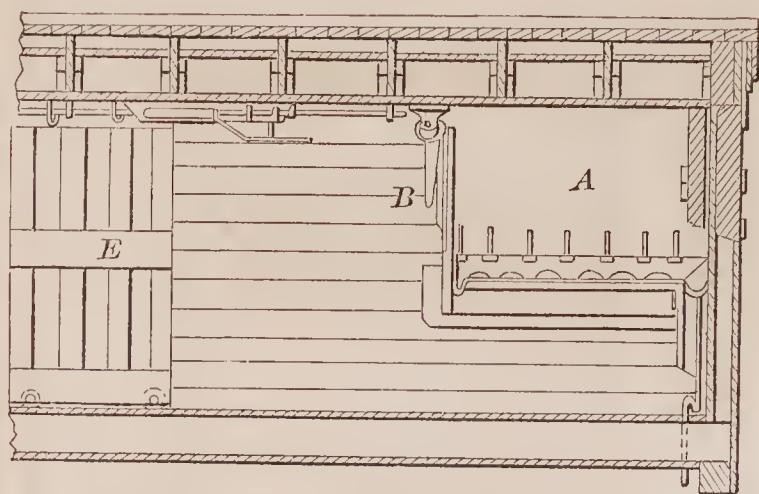
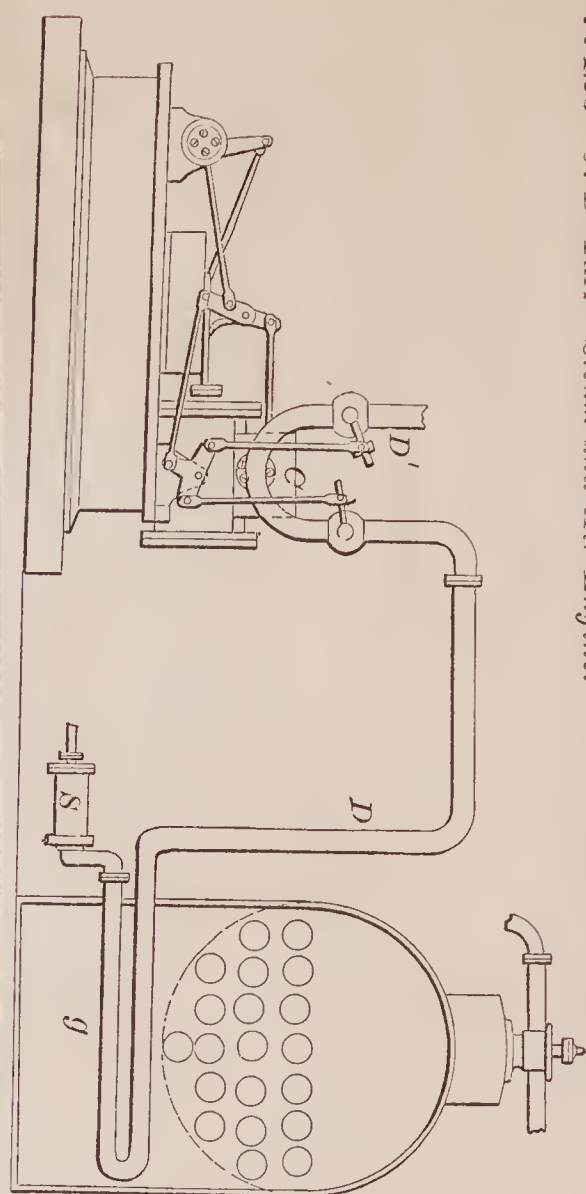
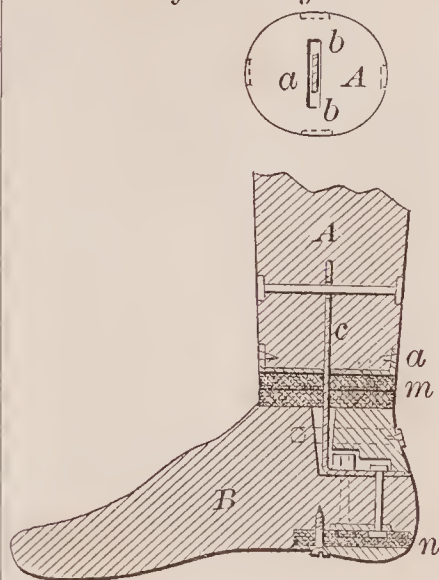
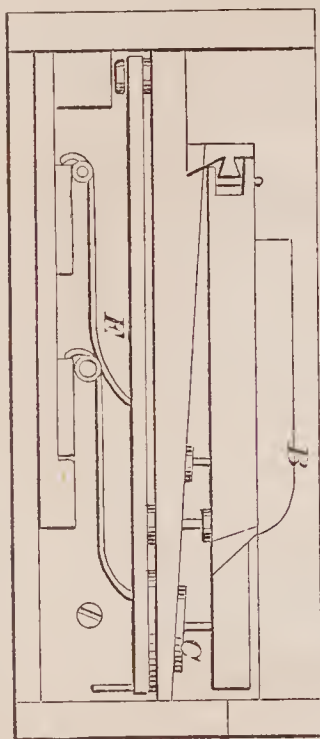
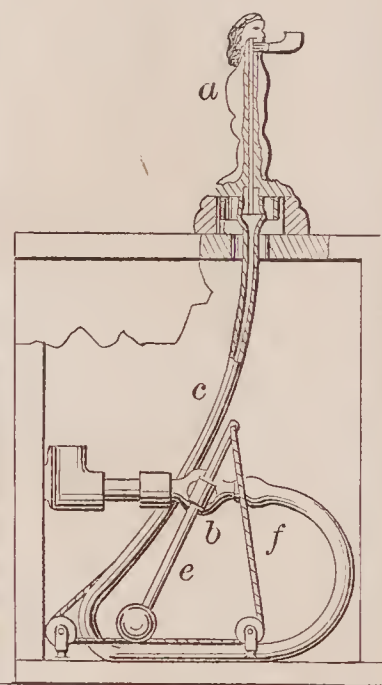
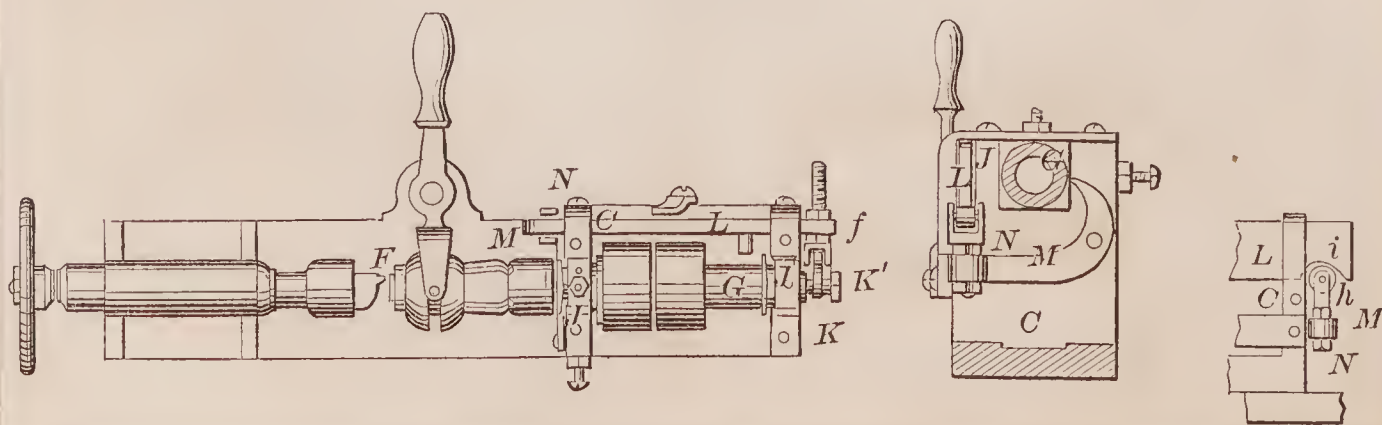


71421—H. Stickney—Cooking Stove.

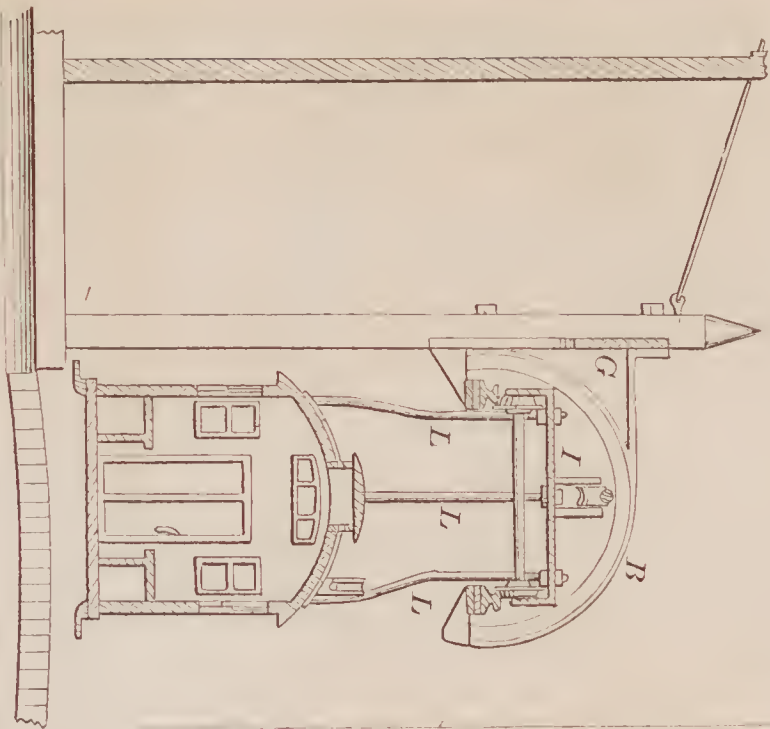


71422—W. Stone—Car Axle Box.

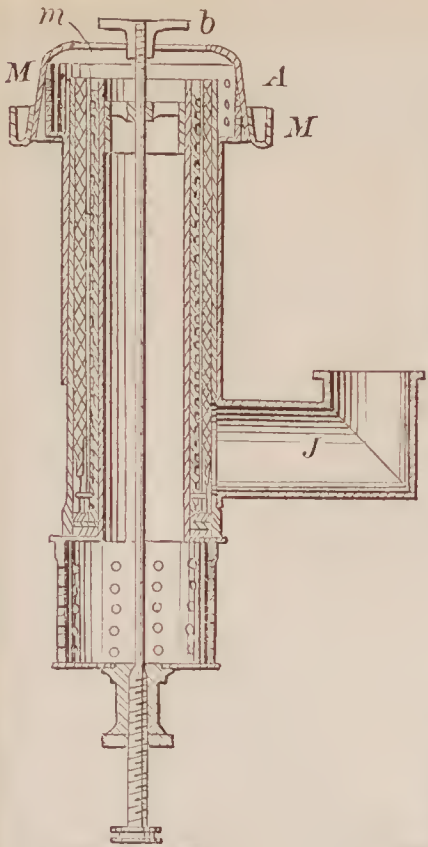


71423—J. B. Sutherland—*Refrigerator Car.*71425—J. B. Tarr—*Steam and Air Engine.*71424—C. Swett—*Artificial Leg.*71427—E. Tourjee—*Key Board Attachment.*71428—J. W. Tracy—*Gas Cigar Lighter.*71429—Tunnicliff & Cahill—*For Ornamenting Buttons.*

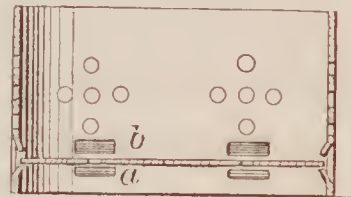
71432—Warren & Blume—Elevated Railway.



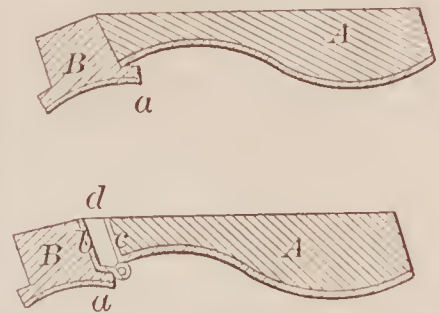
71430—A. C. Vaughan—Burner for Locomotive Head Lights.



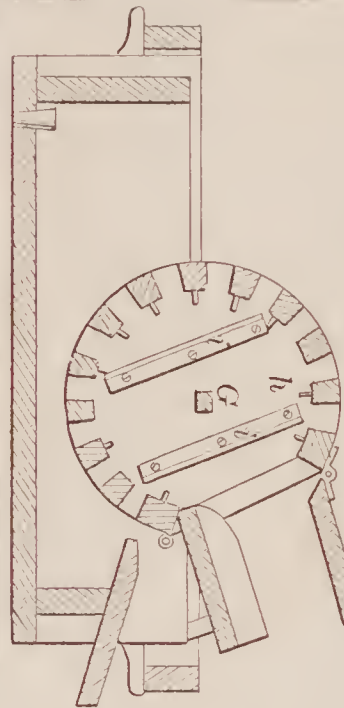
71435—H. B. Willecox—Fruit Box.



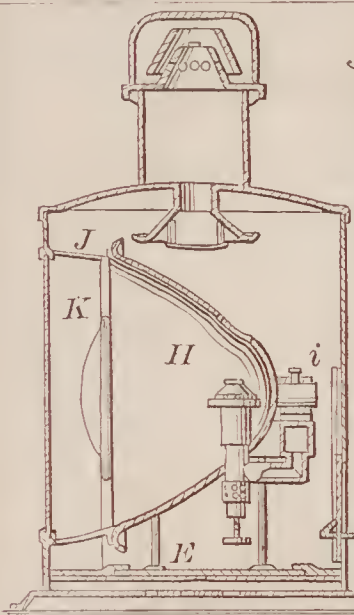
71438—A. Allen—Hinging Clock Fronts.



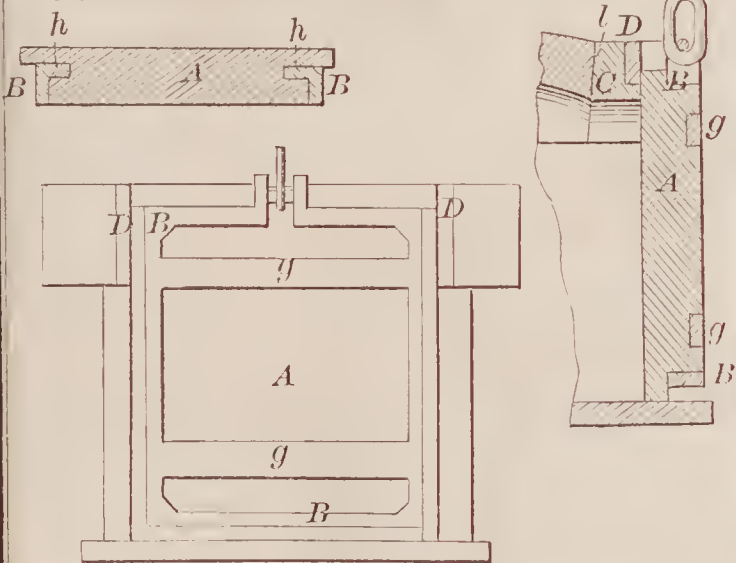
71434—N. B. White—For Sealing Fish.



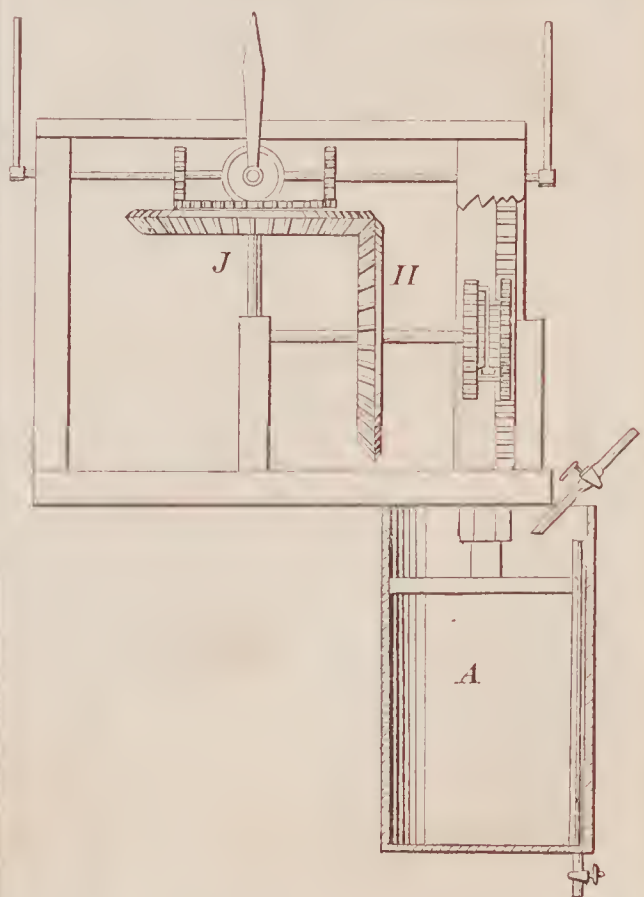
71431—A. C. Vaughan—Head Light for Locomotives.



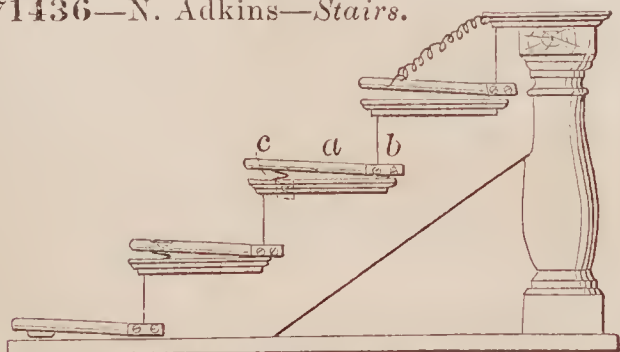
71433—J. Watson—Furnace Door.

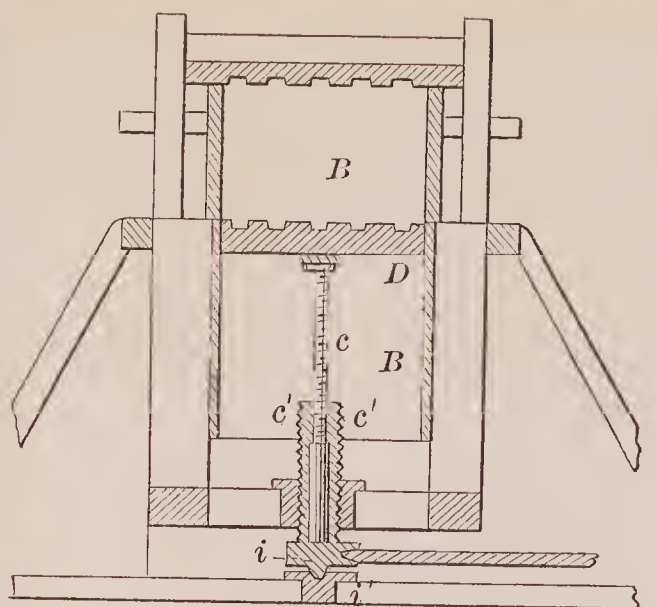


71437—O. Abbruzzo—Hydraulic Clock.



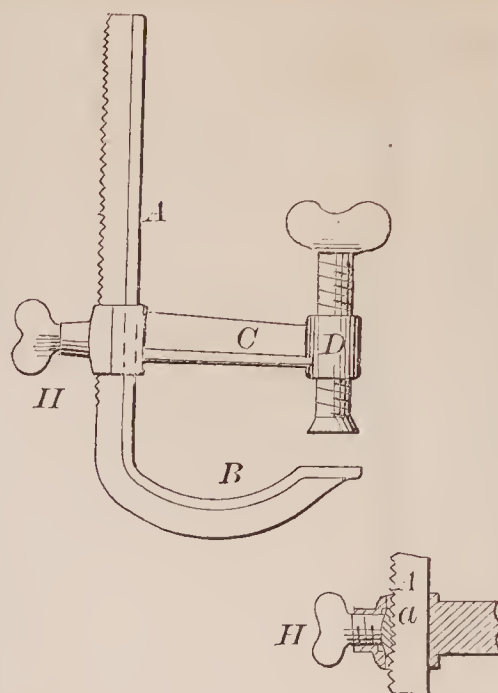
71436—N. Adkins—Stairs.



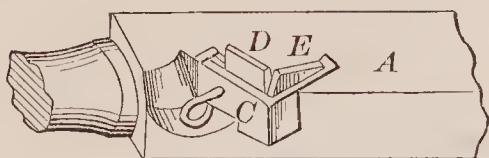


71439—B. B. Alfred—*Cotton and Hay Press.*

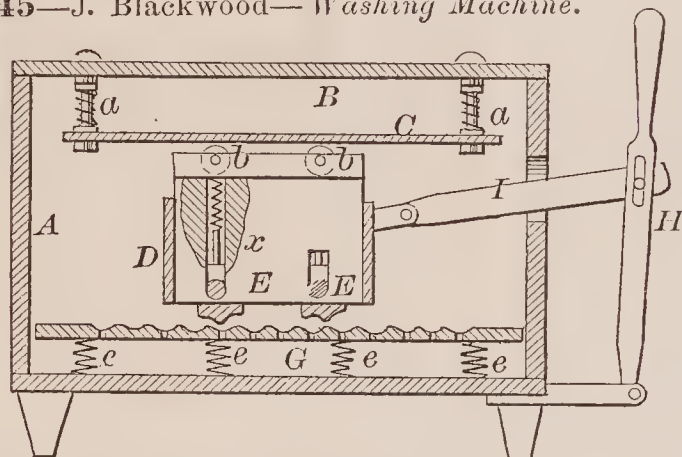
71440—H. D. Barnes—*Floor Clamp.*



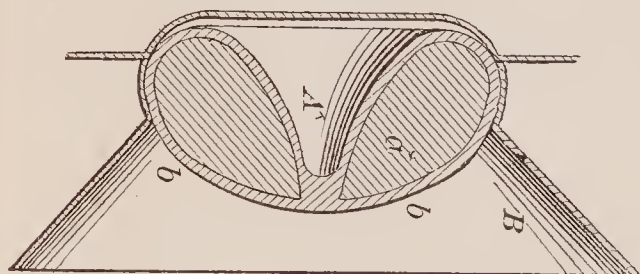
71442—A. B. Bean—*Knife Sharpener.*



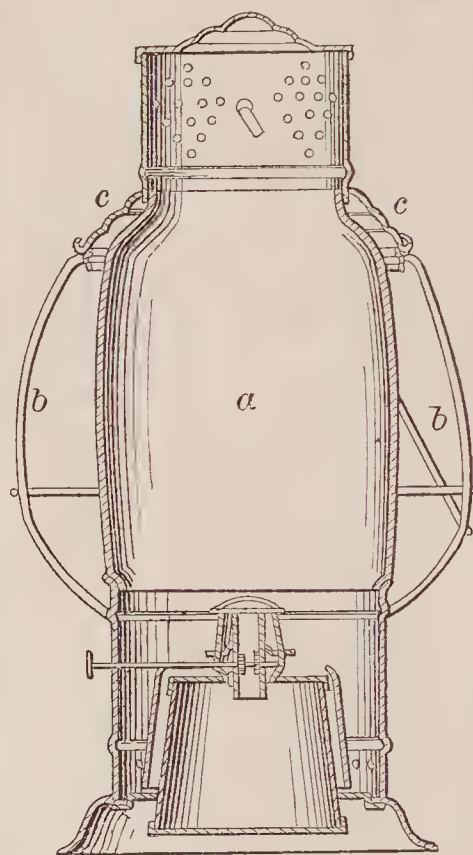
71445—J. Blackwood—*Washing Machine.*



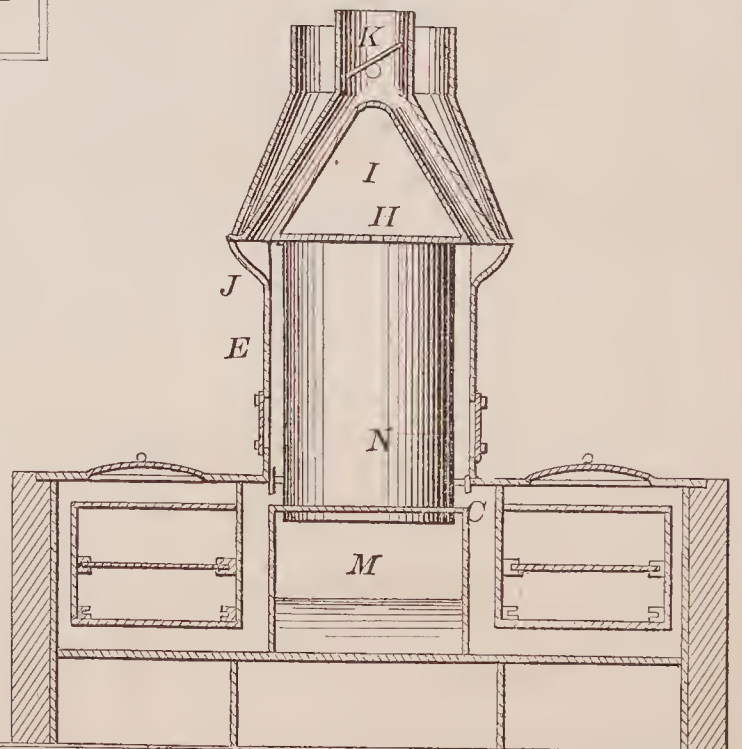
71441—E. Barrett—*Lens for Lanterns.*



71444—L. F. Betts—*Lantern.*



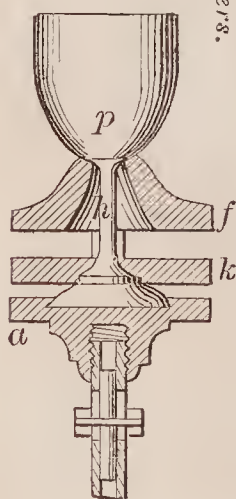
71446—N. A. Boynton—*Range and Heater.*



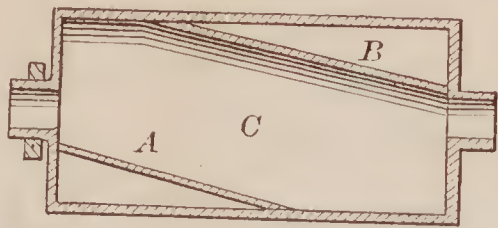
71443—E. O. Bennett—*Inkstand.*



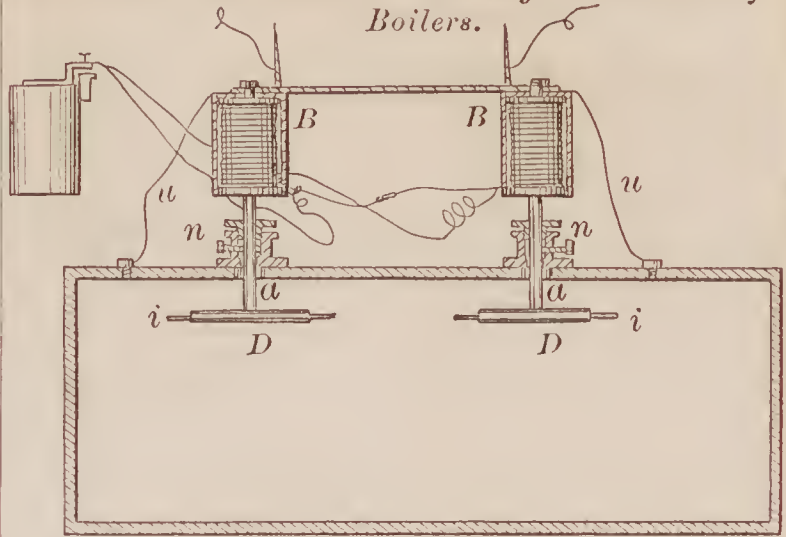
71447—O. B. Brigham—*Snop for Glassware Makers.*



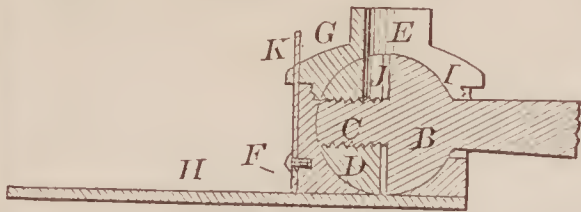
71448—W. Bruckner—Ore Roasting Furnace.



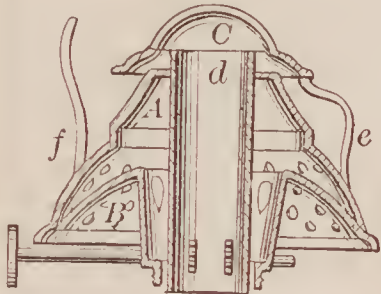
71451—S. G. Cabell—Preventing Incrustation of Boilers.



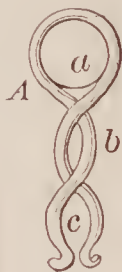
71450—J. Butter—Pitman.



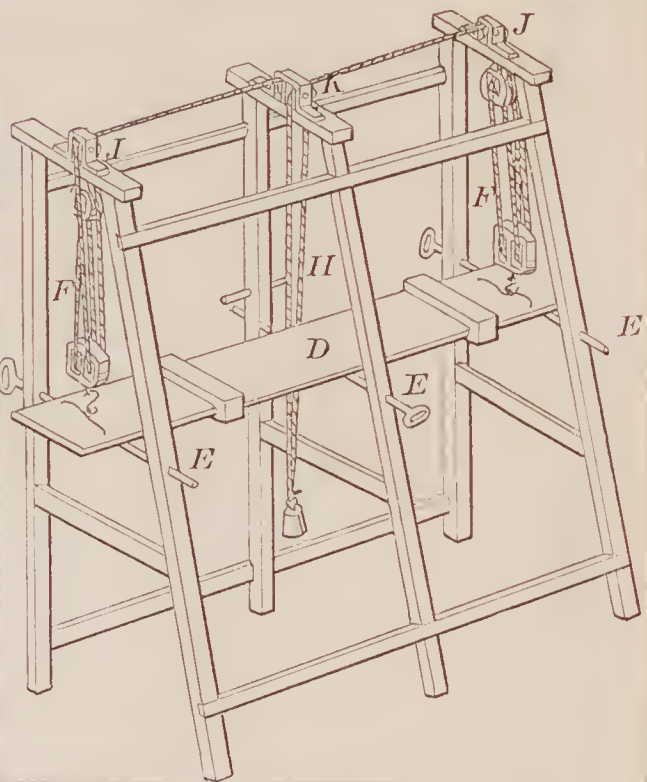
71449—H. E. Burton—Lamp.



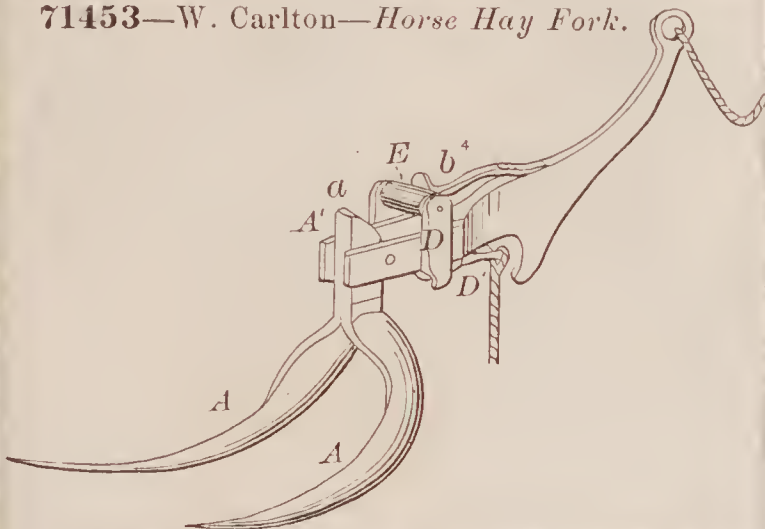
71457—N. B. Cooper—Clothes Pin.



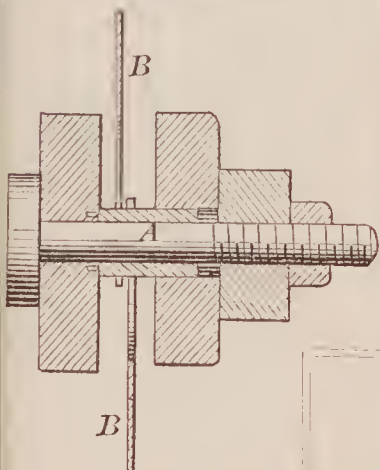
71454—P. Cavalier—Adjustable Scaffold.



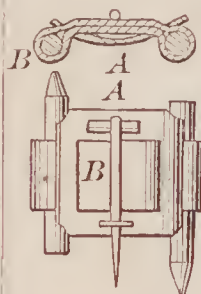
71453—W. Carlton—Horse Hay Fork.



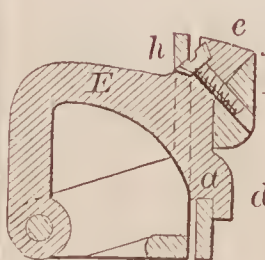
71455—W. H. Christie—Planing Machine.



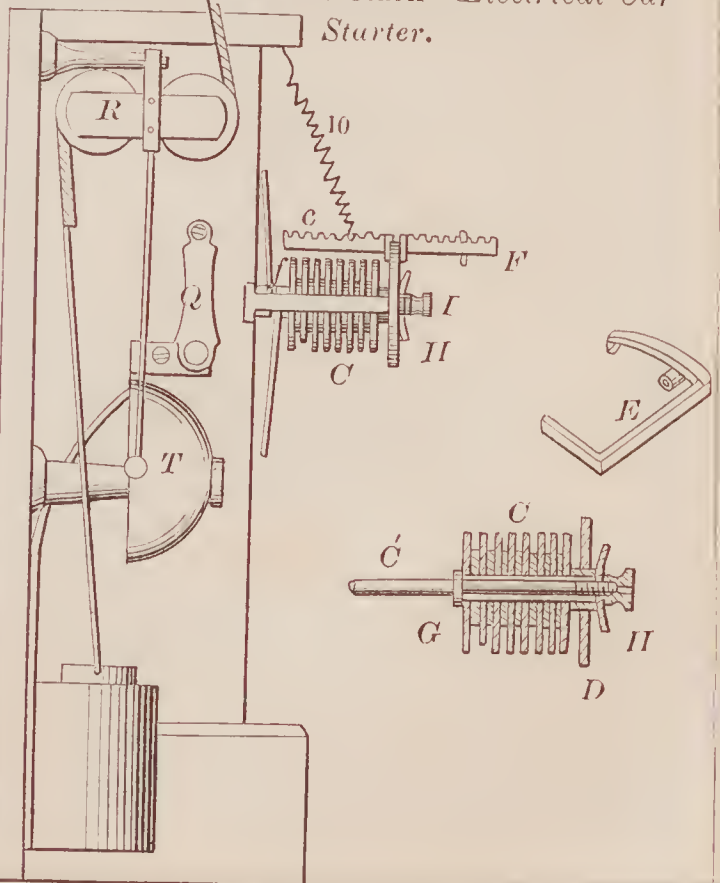
71456—N. B. Cooper—Pencil Holder.



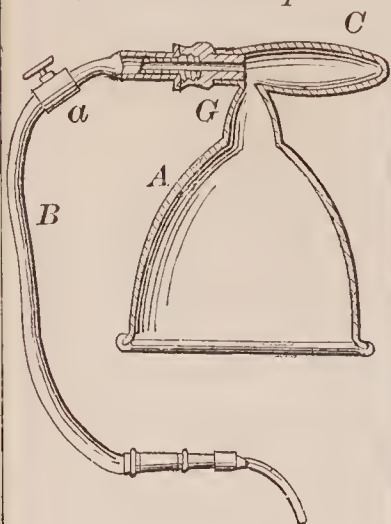
71452—Cady & Cooper—Concealed Hinge.



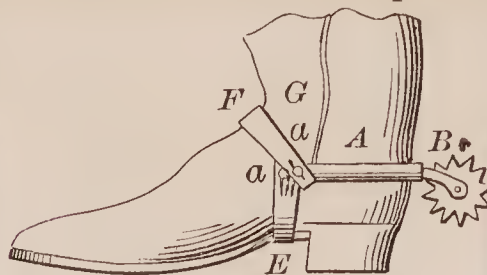
71458—J. & W. H. Clark—Electrical Car Starter.



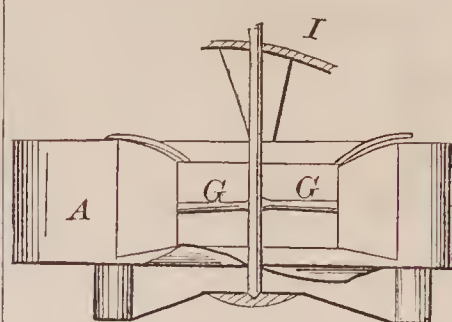
71459—J. M. Clark—*Breast Developer.*



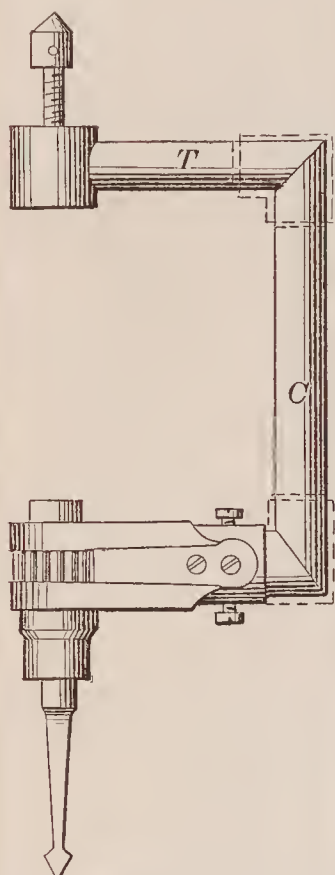
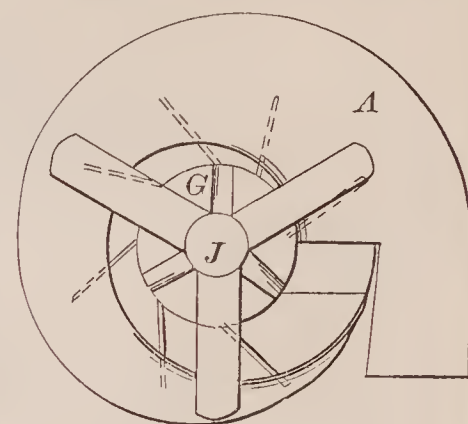
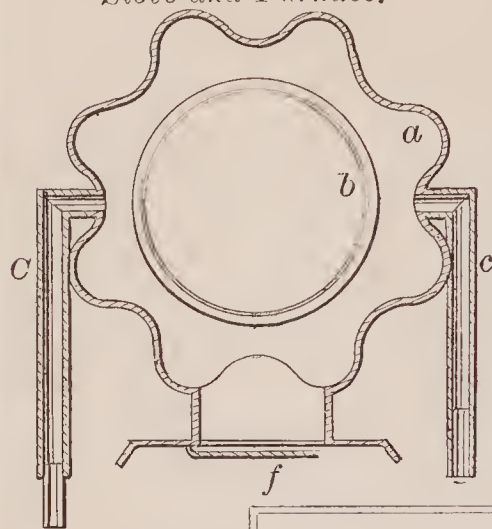
71462—B. A. Davis—*Spur*



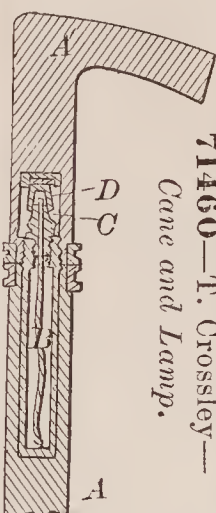
71461—A. H. Crozier—*Water Wheel.*



71465—J. B. Driscoll—*Stove and Furnace.*

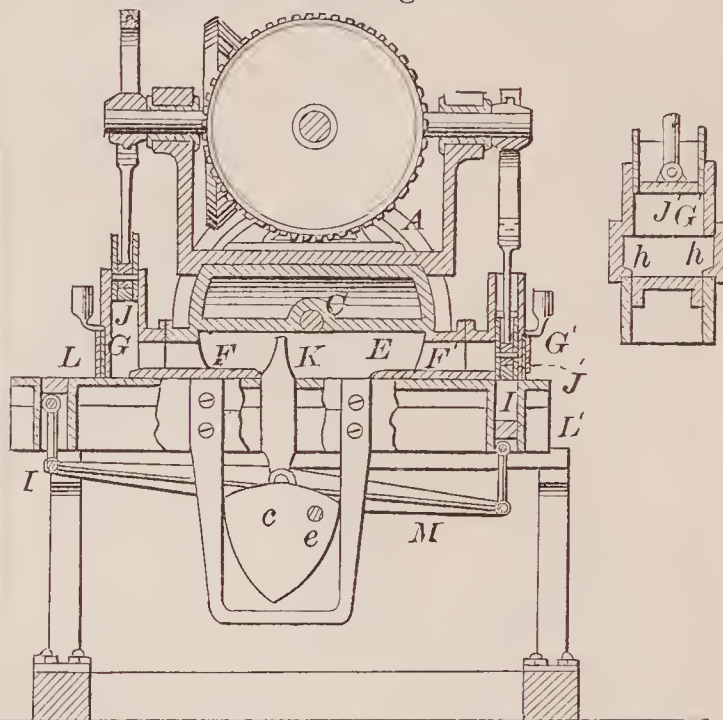


71463—Davies & Taunton—*for Drilling Metals.*

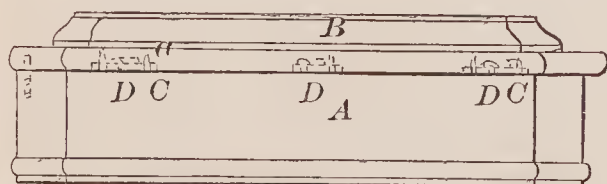


71460—T. Crossley—*Cane and Lamp.*

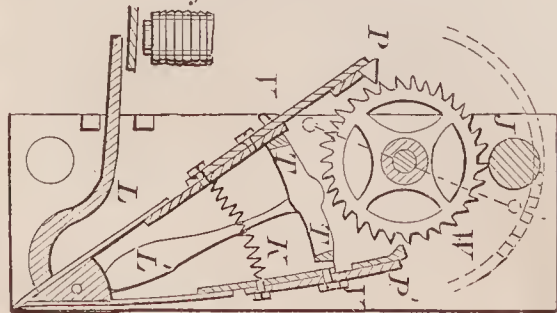
71466—H. Dueberg—*Brick Machine.*



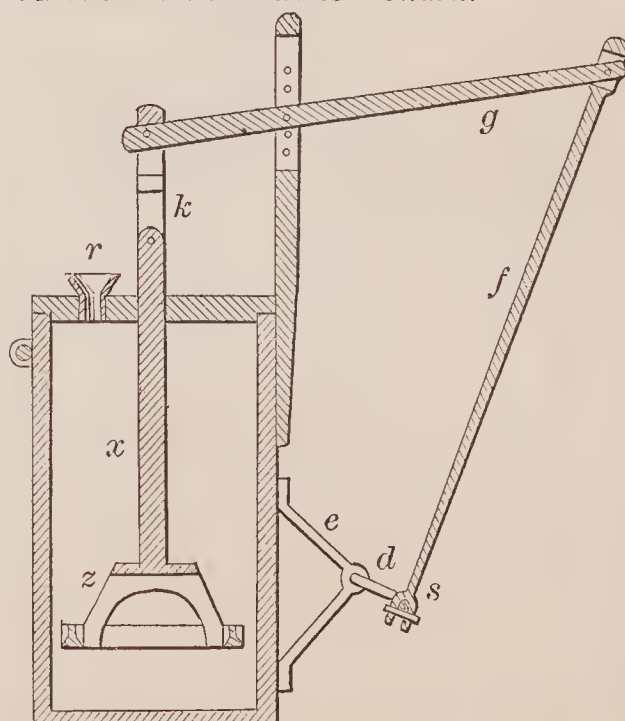
71468—E. S. Earley—*Fastening for Burial Caskets.*



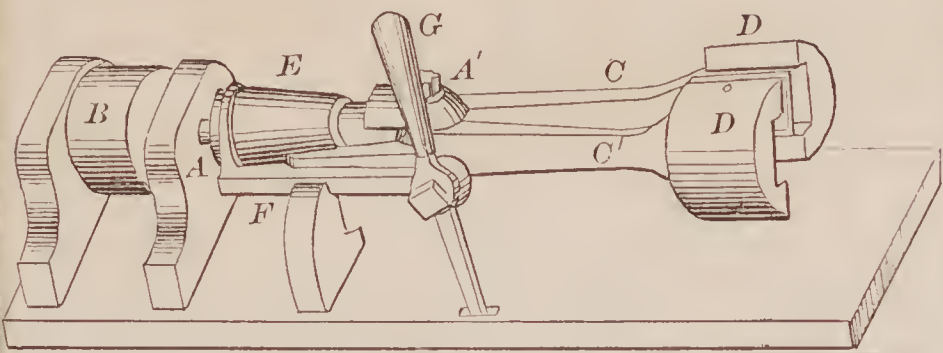
71470—Edmands & Hamblet—*Escapement for Electric Clocks.*



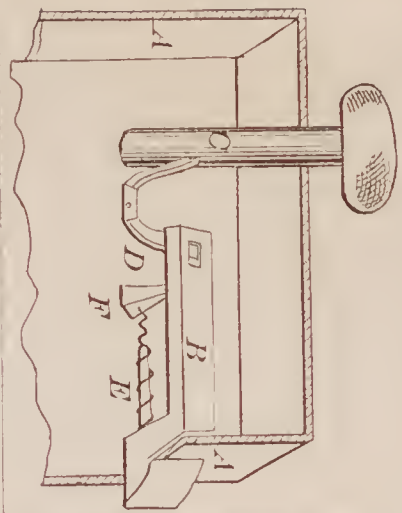
71469—W. T. Eastes—*Churn.*



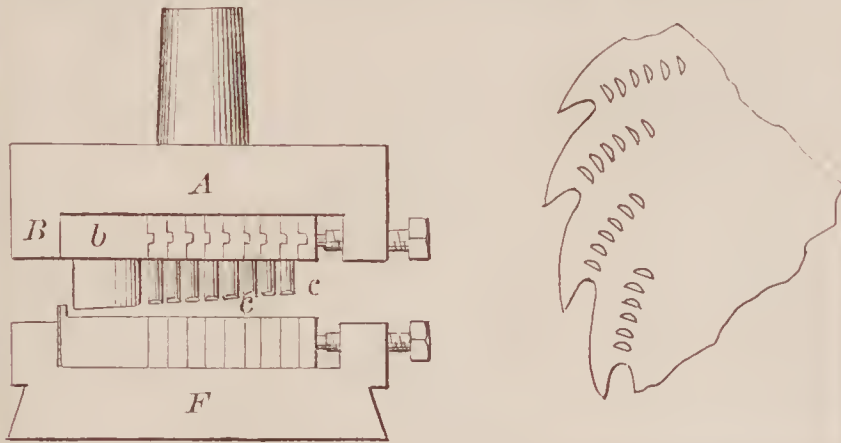
71471—L. Egleston—*For Polishing Tubes.*



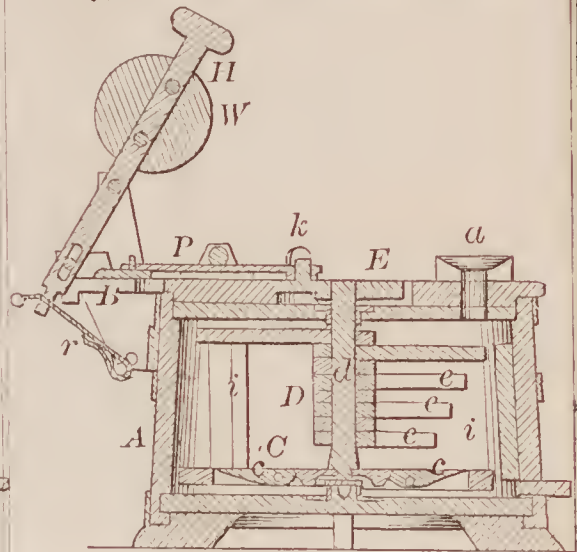
71474—J. B. Evans—*Door Latch.*



71473—J. E. Emerson—*For Punching Saw Teeth.*



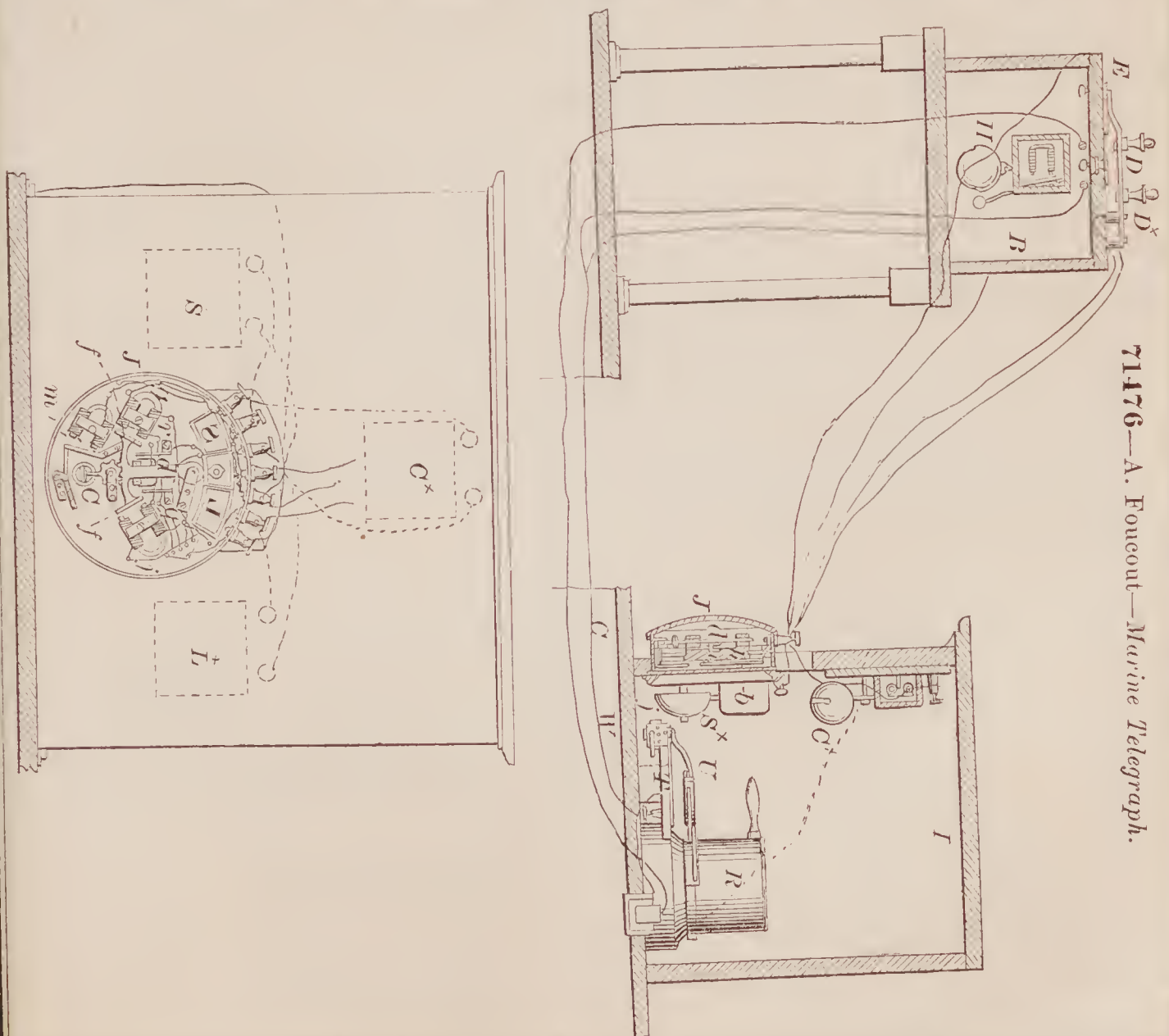
71472—J. J. Everst—*Churn.*

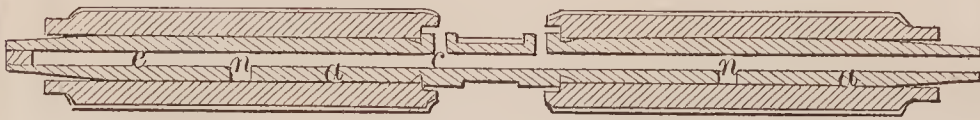
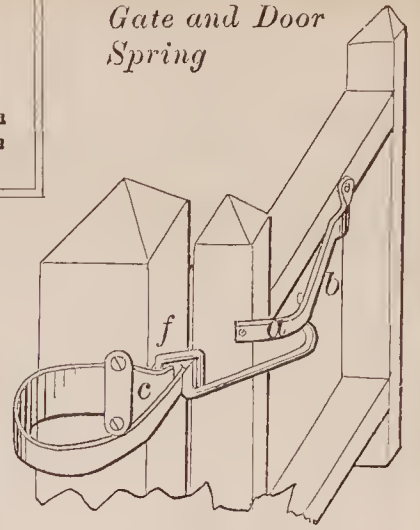
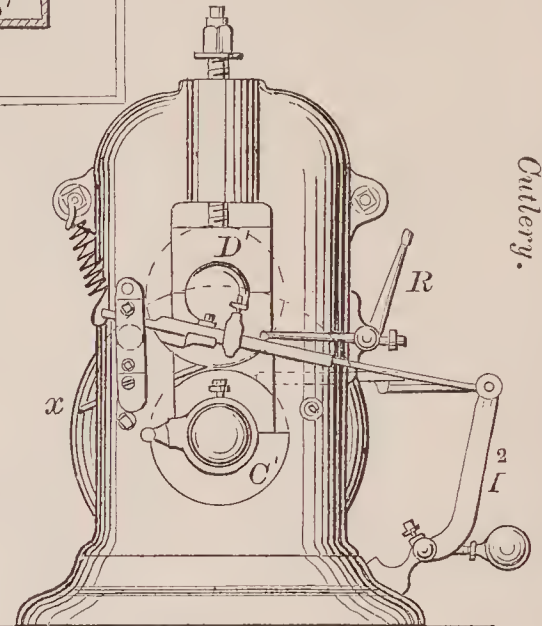
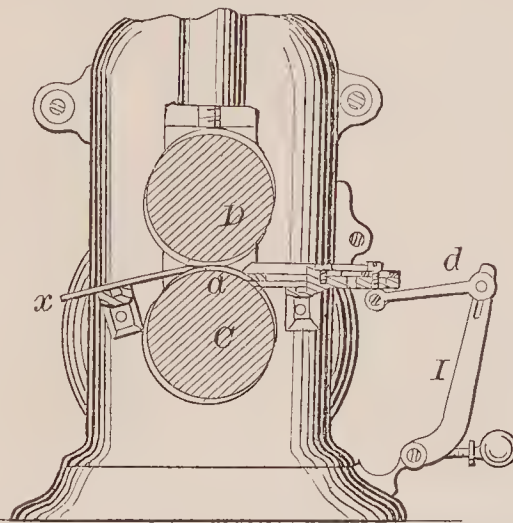
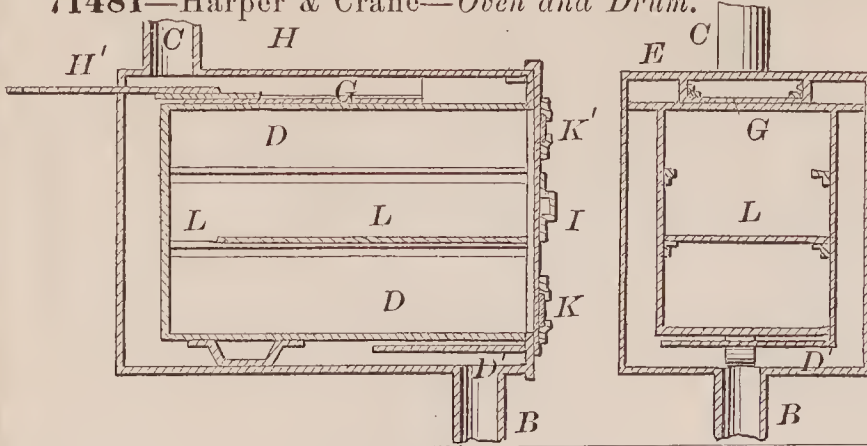
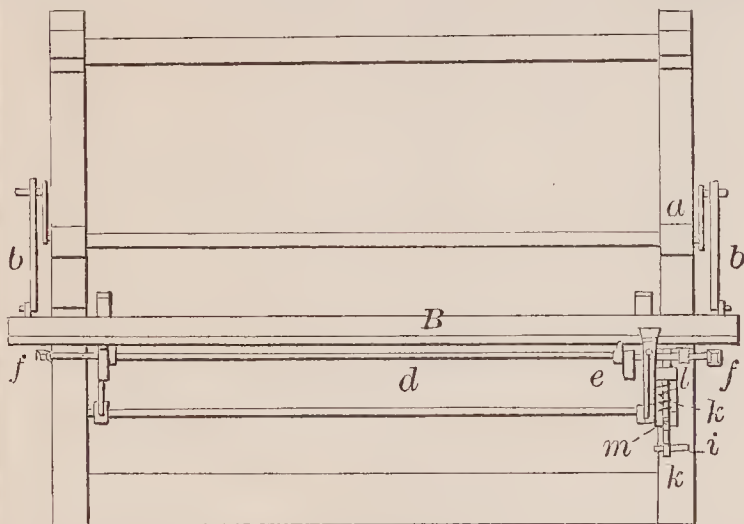
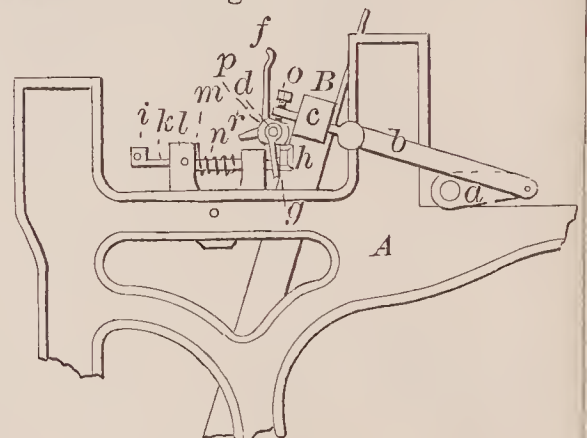
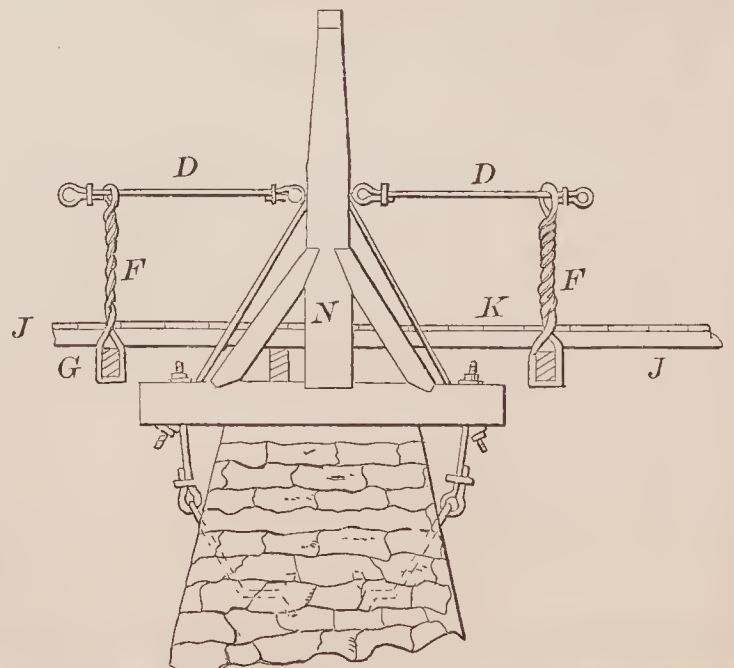
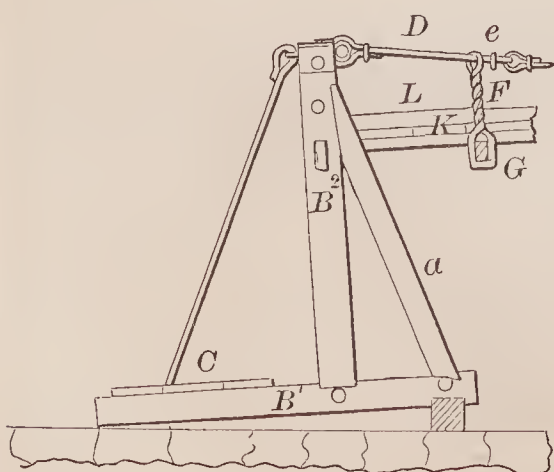


71475—F. Fitzgerald—*Vault Light.*

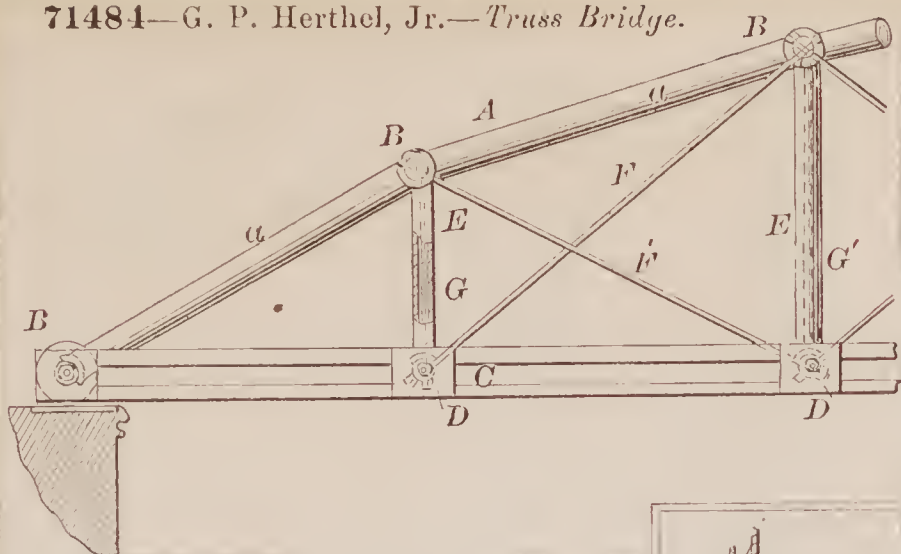


71476—A. Foucalt—*Marine Telegraph.*

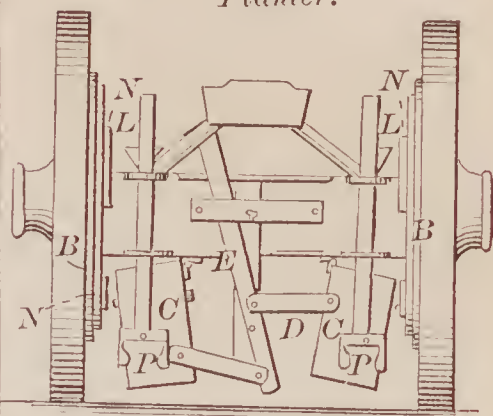


71477—F. C. Fuller—*Lubricating Roller in Spinning Machines.*71478—J. C. Gould—*Gate and Door Spring*71481—Harper & Crane—*Oven and Drum.*71482—H. B. Harvey—*Forging Cutlery.*71480—F. Haigh—*Loom.*71483—P. Hendricks—*Bridge.*

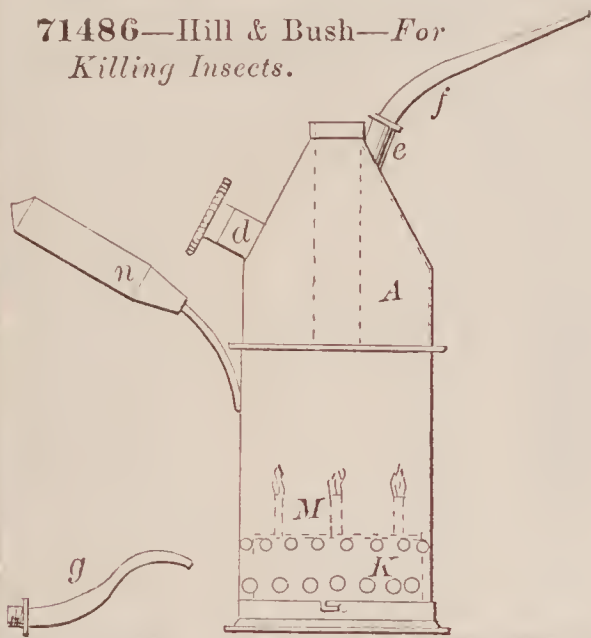
71484—G. P. Herthel, Jr.—*Truss Bridge.*



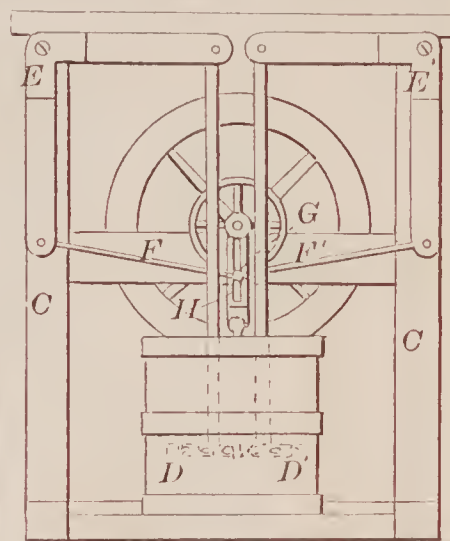
71488—S. C Hunter—*Seed Planter.*



71486—Hill & Bush—*For Killing Insects.*

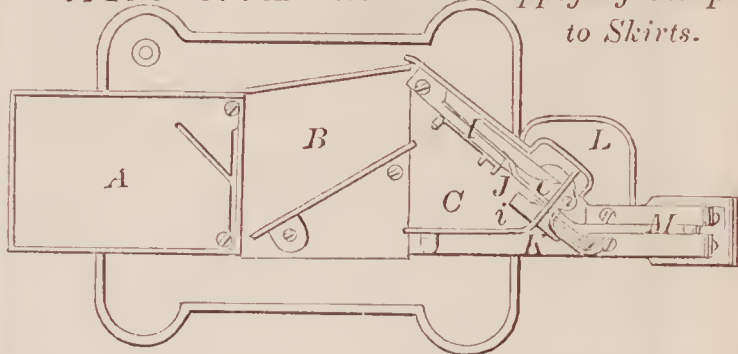


71487—F. Hull—*Loop Skirt.*

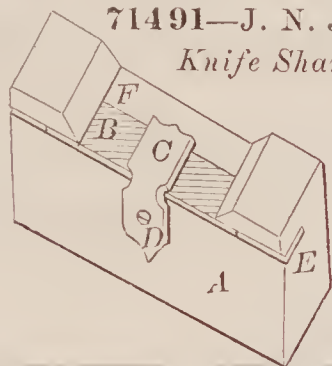


71486—P. Hutchinson—*Churn.*

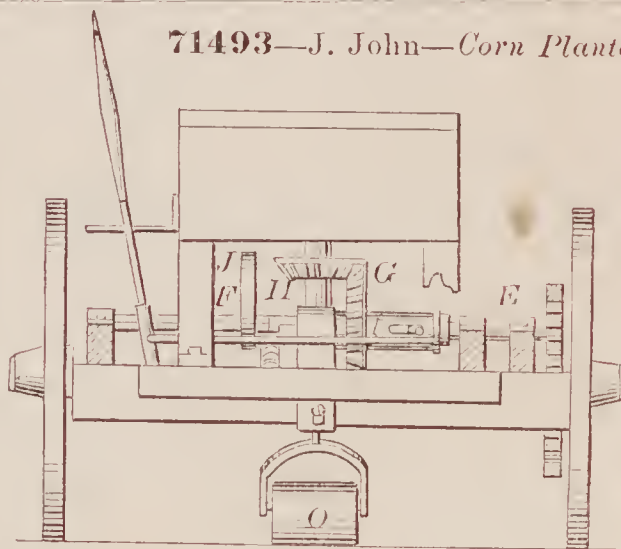
71492—J. Jenkinson—*For Applying Clasps to Skirts.*



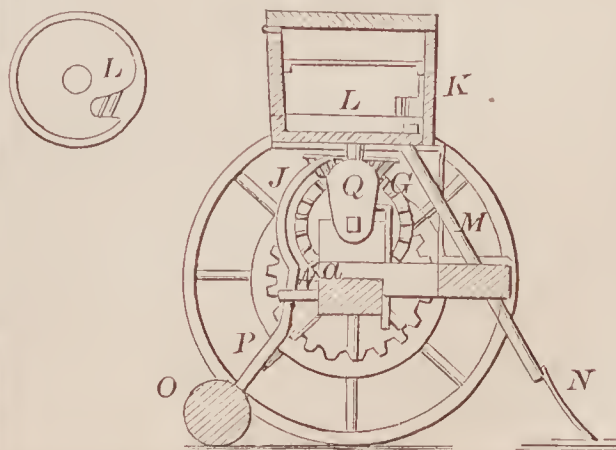
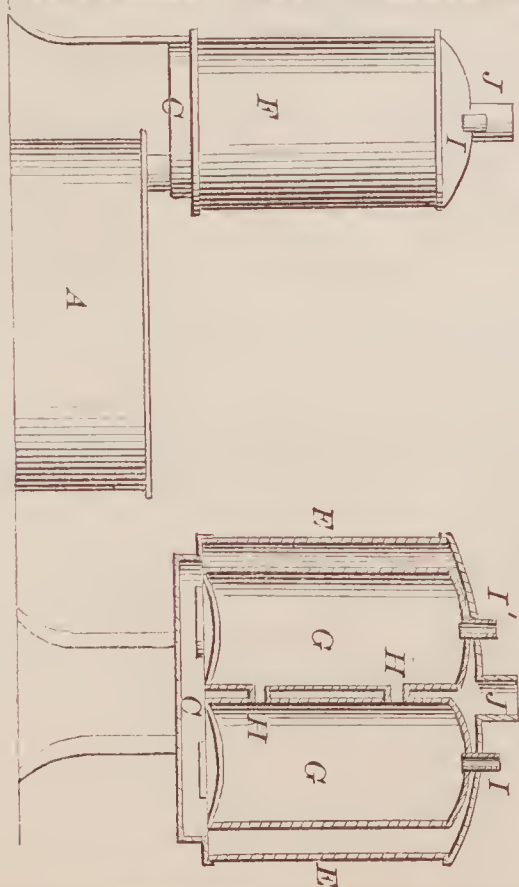
71491—J. N. Jacobs—*Knife Sharpener.*

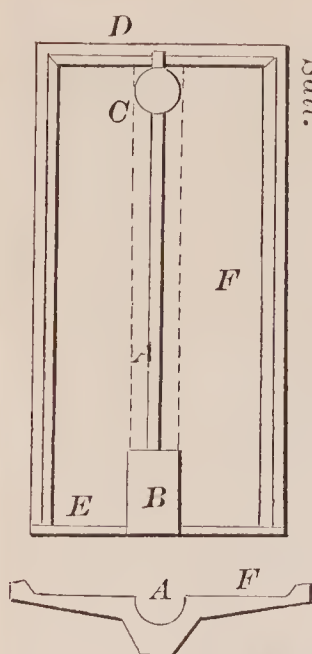


71493—J. John—*Corn Planter.*

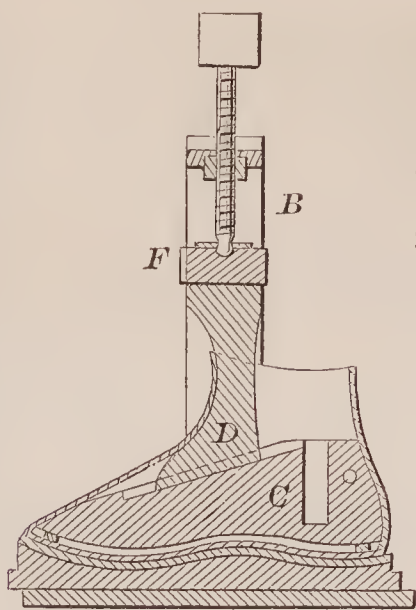


71490—G. L. Ingersoll—*Water Heater for Stoves.*



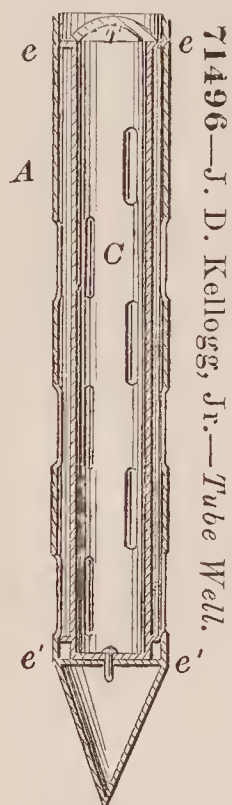
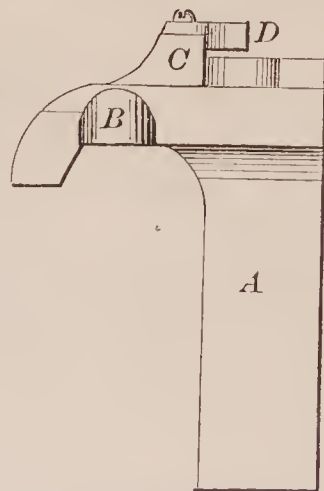


71494—C. F. Johnson—*Manufacture Salt.*



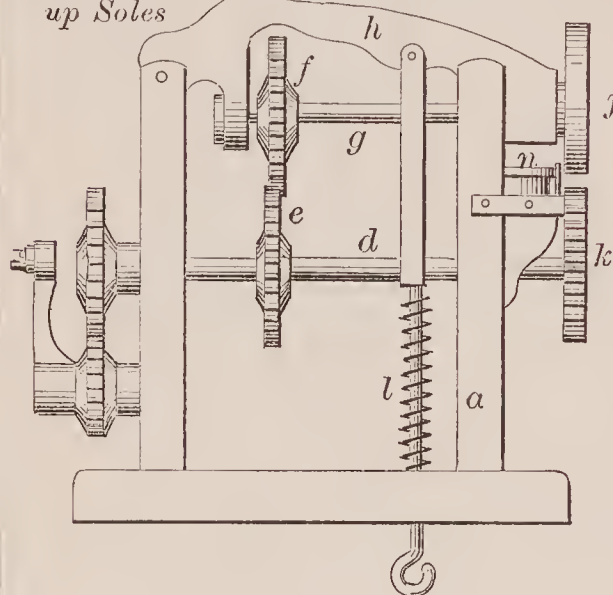
71495—J. B. Johnson—*Shaping Soles of Boots and Shoes.*

71498—C. L. Kingsley—*Vise.*



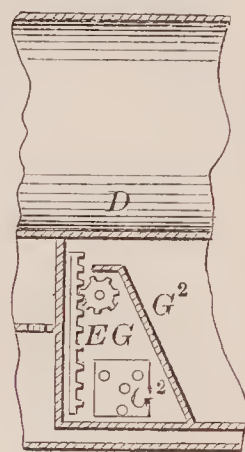
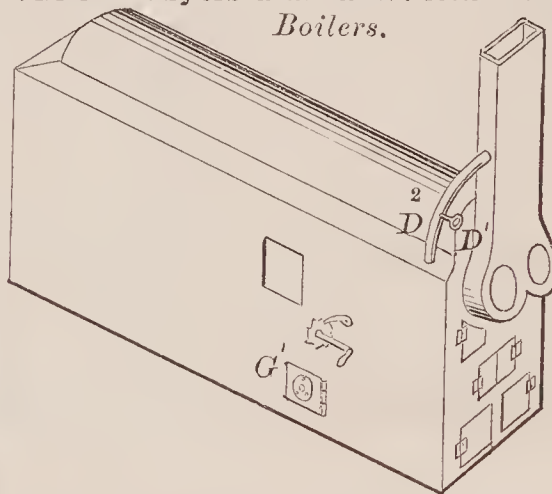
71496—J. D. Kellogg, Jr.—*Tube Well.*

71497—W. H. N. Kimball—*For Rounding up Soles*

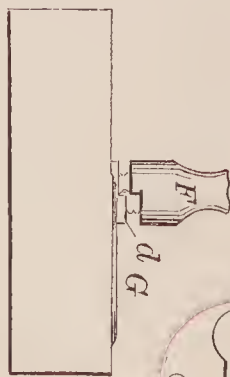
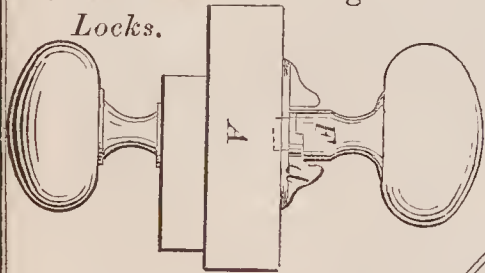


71500—W. J. Mace—*For Cleaning Stove Pipes.*

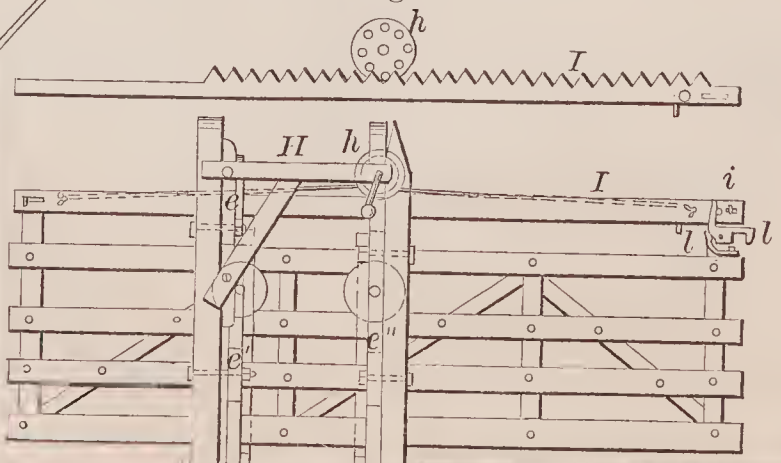
71501—Myers & N. & W. Lea —*Furnace for Steam Boilers.*



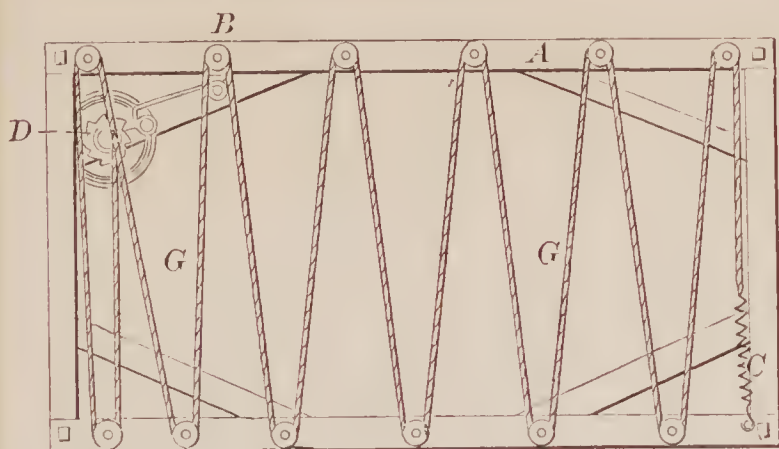
71502—W. P. Munger—*Door Locks.*



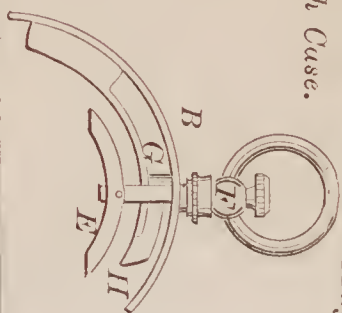
71503—T. Munger—*Gate.*



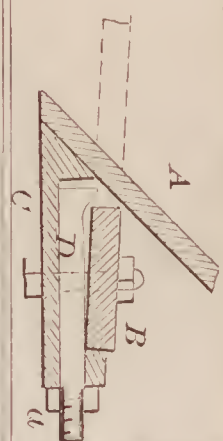
71504—L. Mudge—*Bed Bottom.*



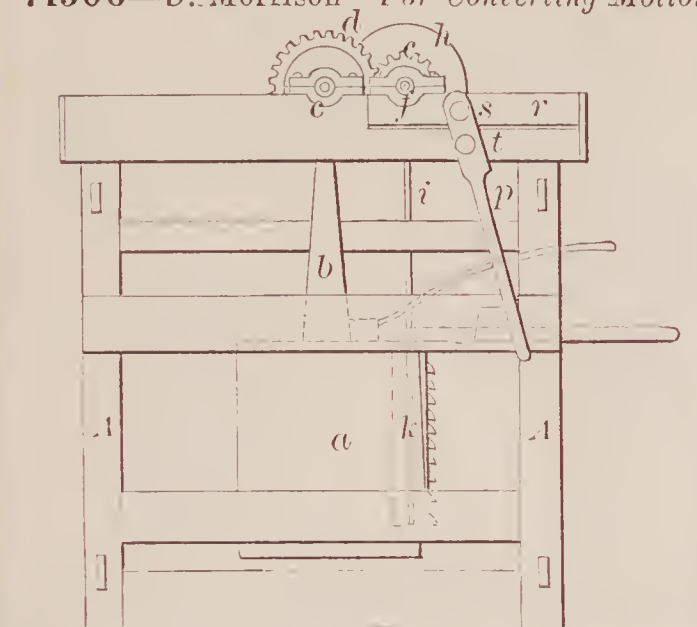
71505—E. A. Muckle—*Magie Watch Case.*



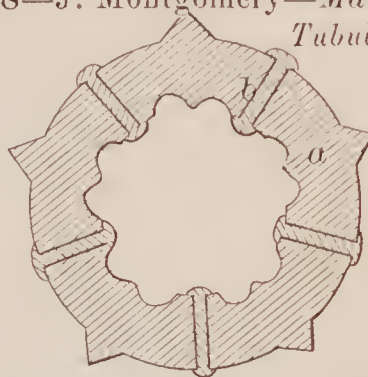
71507—G. Moore—*Plow.*



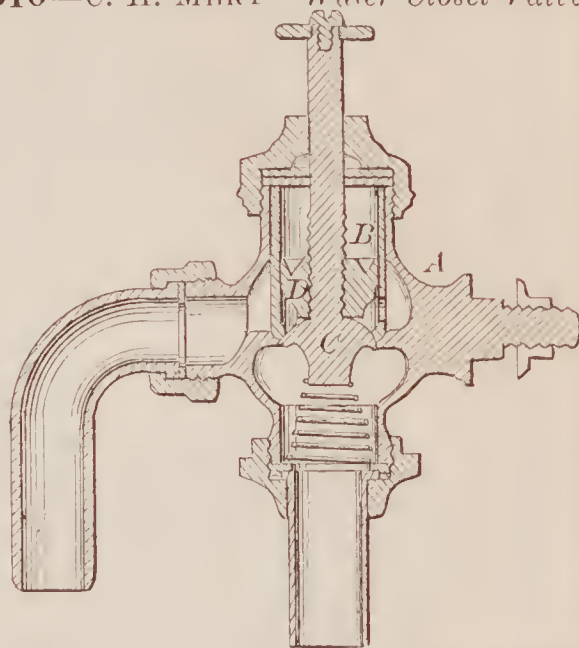
71506—D. Morrison—*For Converting Motion.*



71508—J. Montgomery—*Manufacturing Tubular Bodies.*



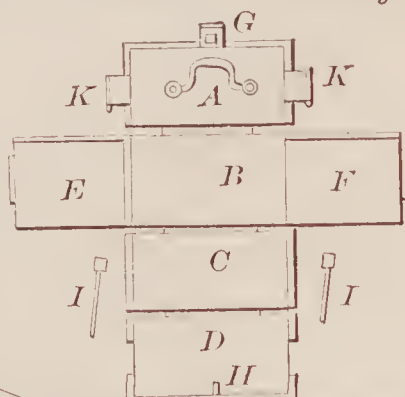
71510—C. H. Miller—*Water Closet Valve.*



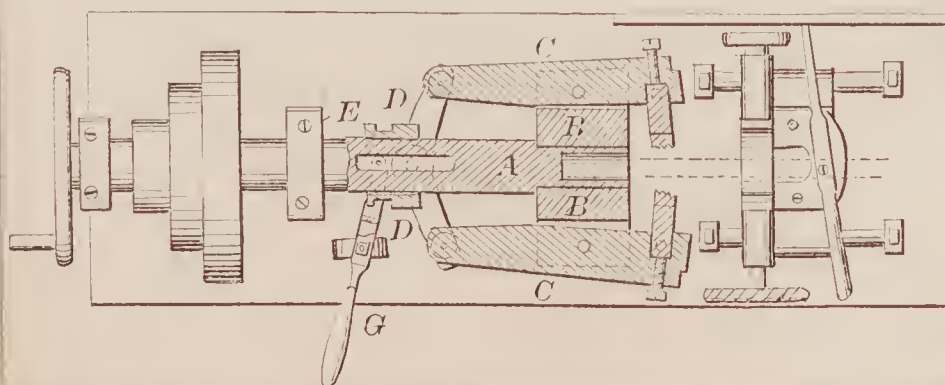
71509—Miller & McClellan—*Awning*



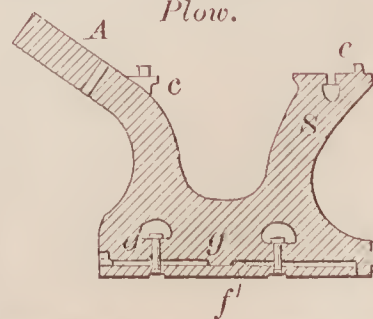
71511—G. B. Mershon—*Folding Box.*



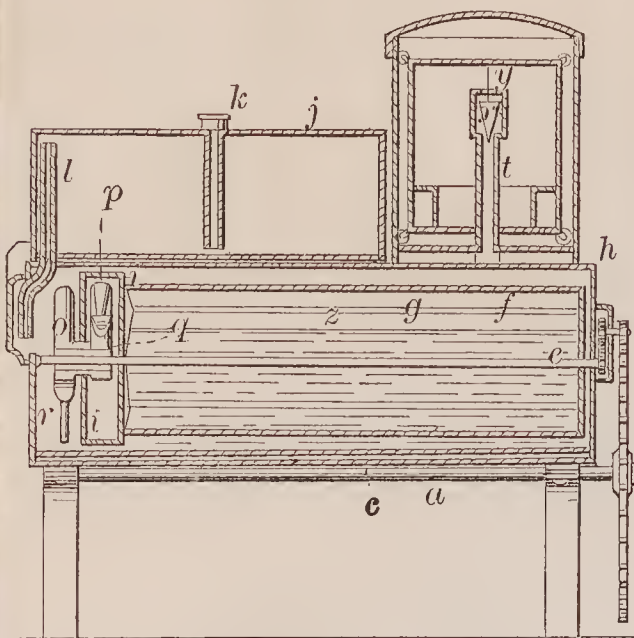
71512—E. M. Mayo—*For Tapping Bolts.*



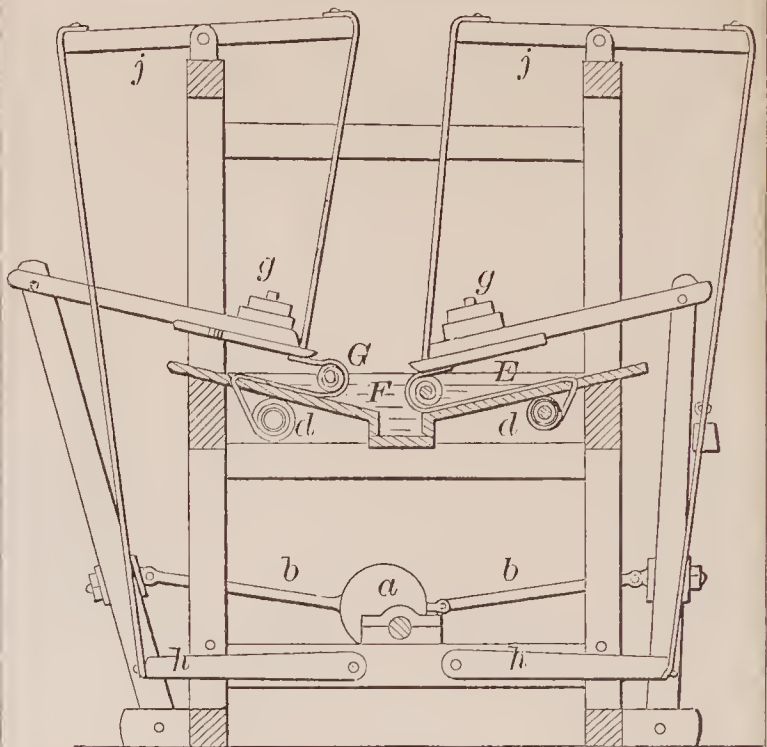
71513—E. G. Matthews—*Plow.*



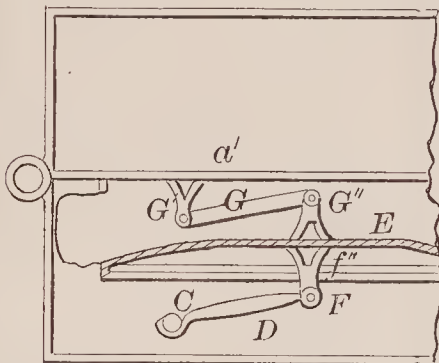
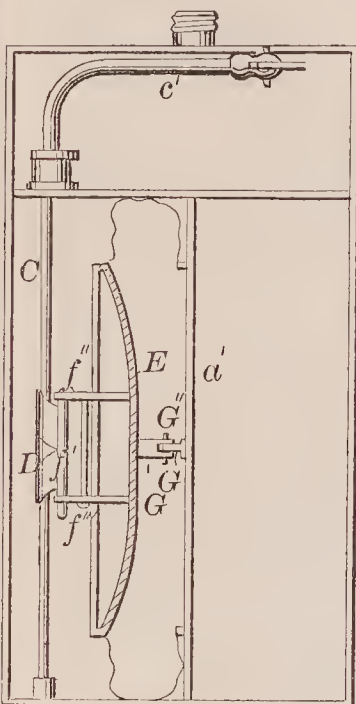
71514—J. Mac Dougall—*Gas Apparatus and Carburettor.*



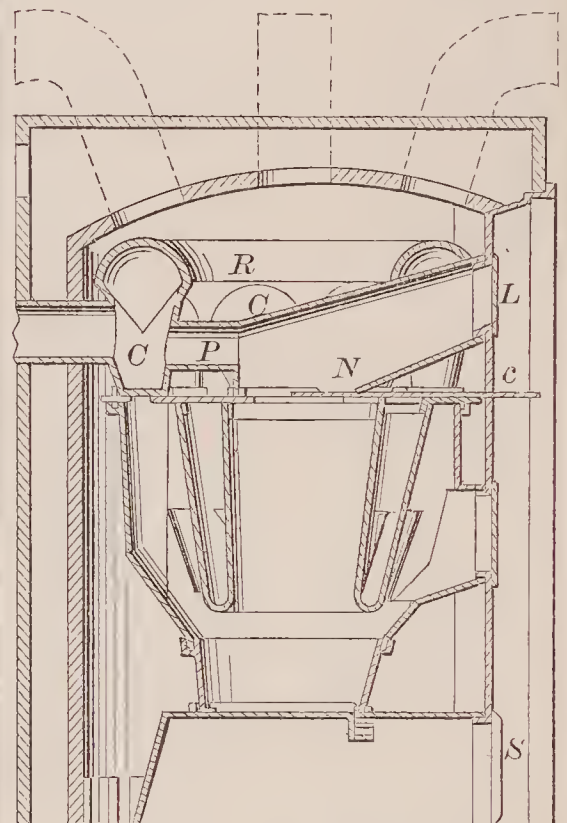
71516—Lodge & Platner—*Felting Machine.*



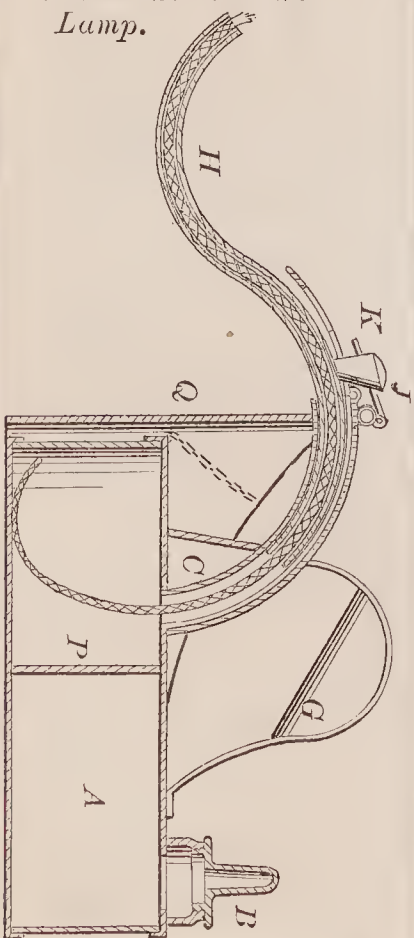
71518—C. C. Lloyd—*Dry Gas Meter.*



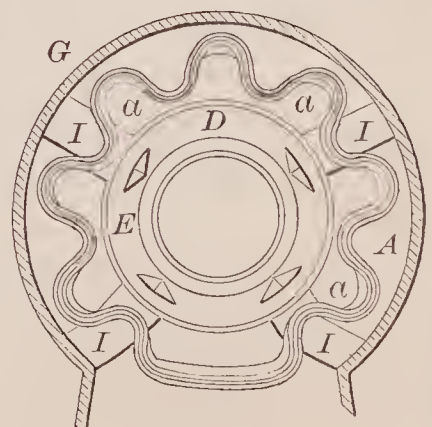
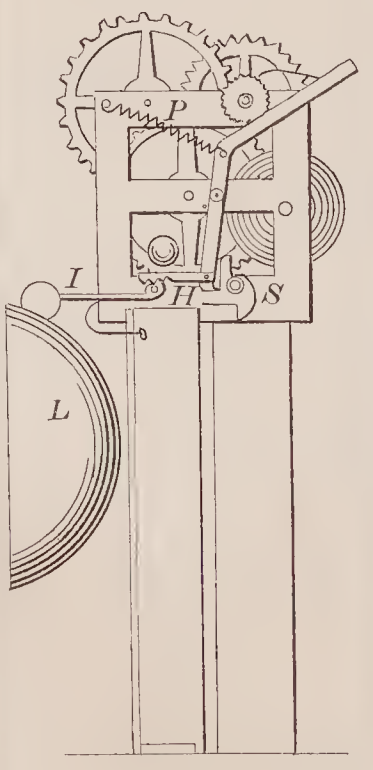
71517—R. Z. Liddle—*Hot Air Furnace.*



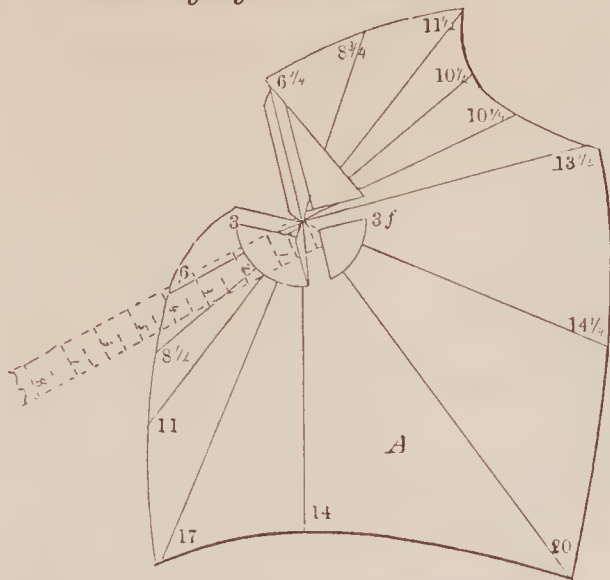
71515—S. J. Lowe—*Lump.*



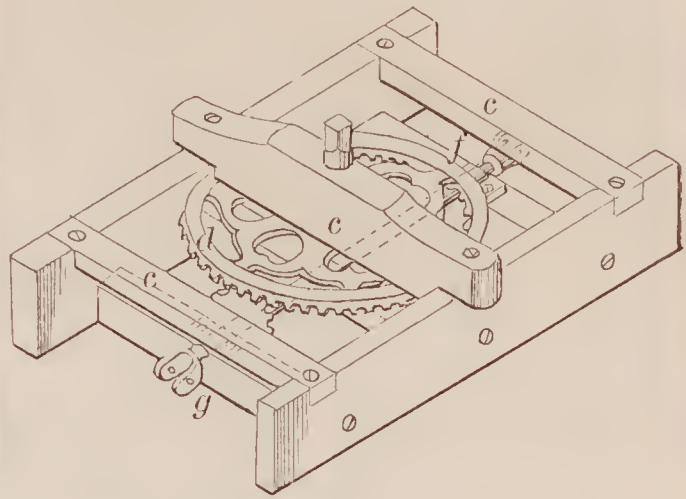
71519—W. Lindon—*Clock.*



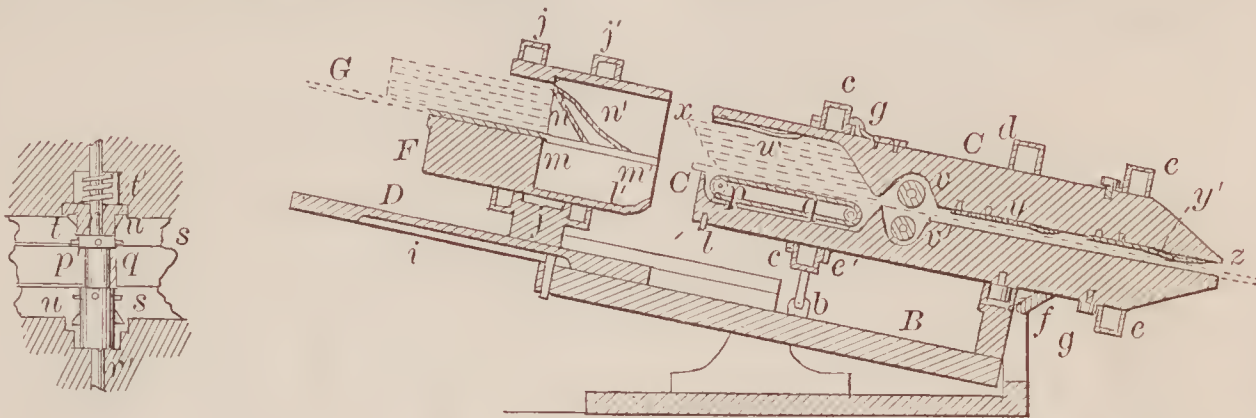
71520—J. Lemley, Jr.—*For Measuring and Laying out Garments.*



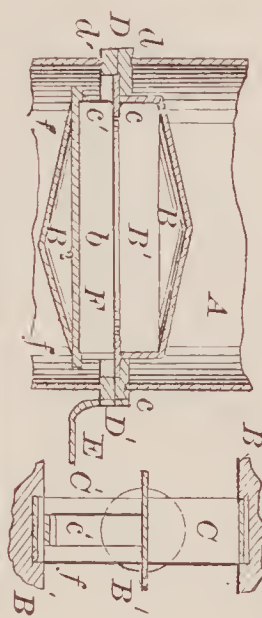
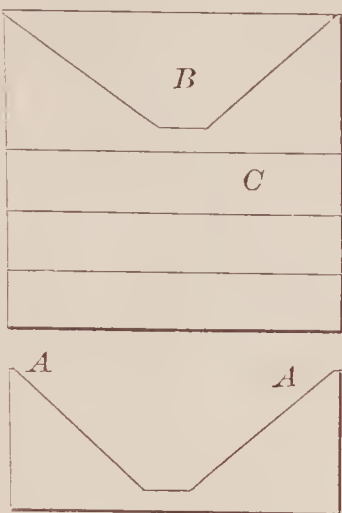
71522—J. A. Leibey—*Horse Power.*



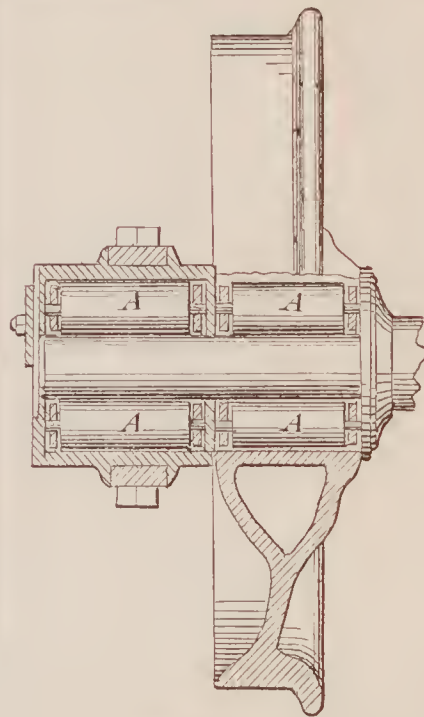
71521—E. B. Lake—*Nail Plate Feeder.*



71523—W. Leighton—*Fagot for Railroad Rails.*

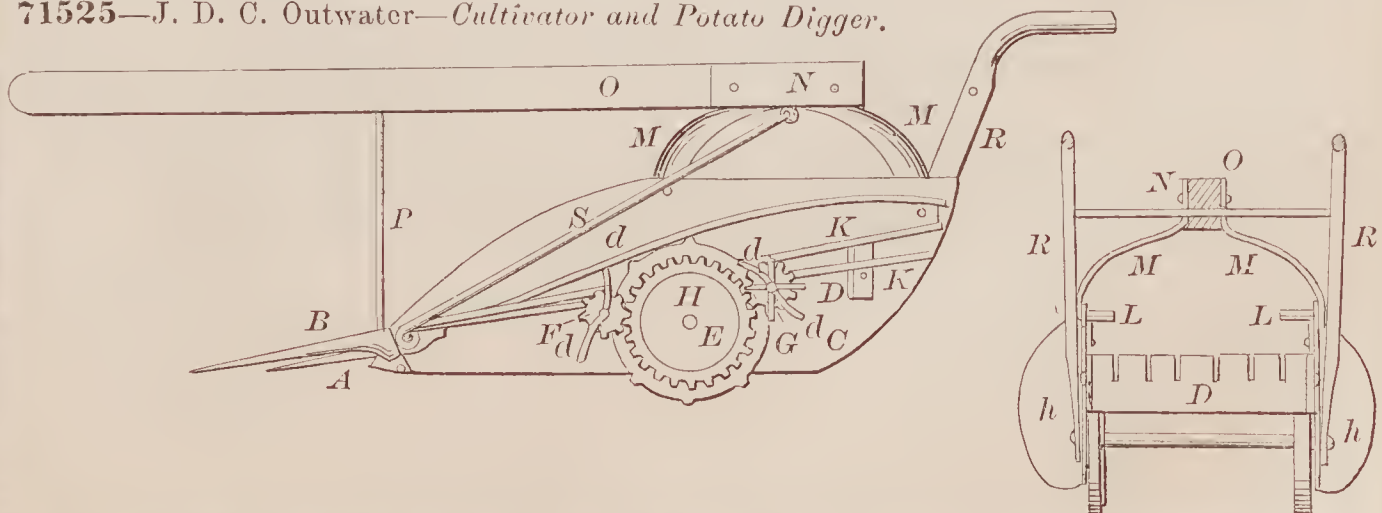


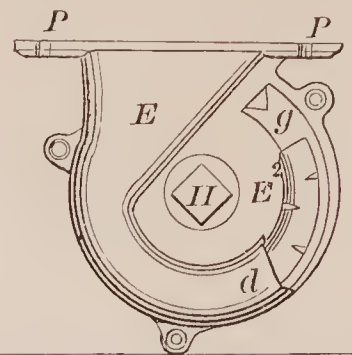
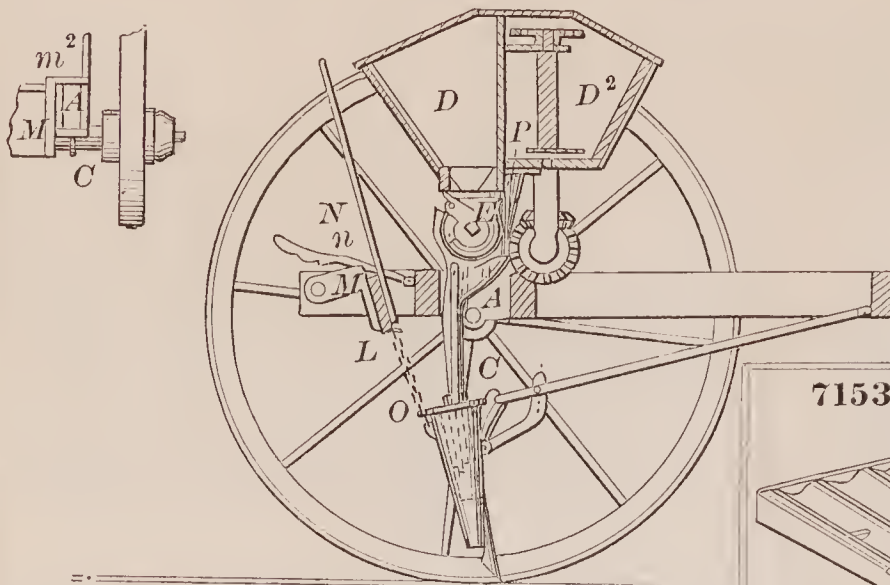
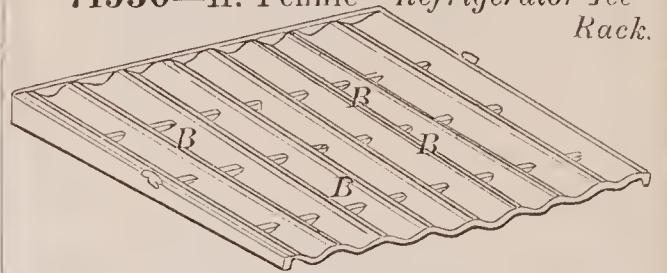
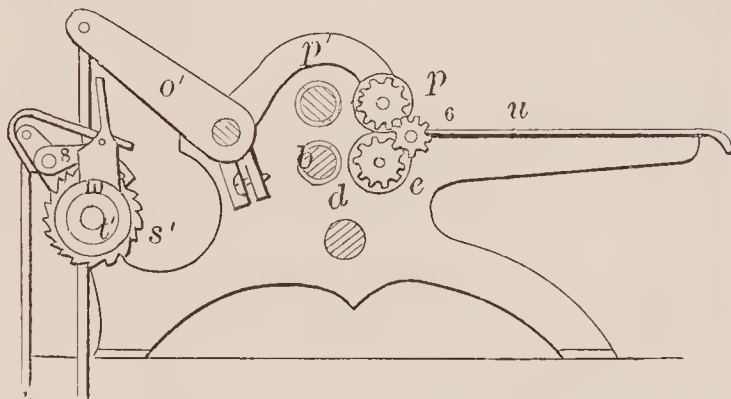
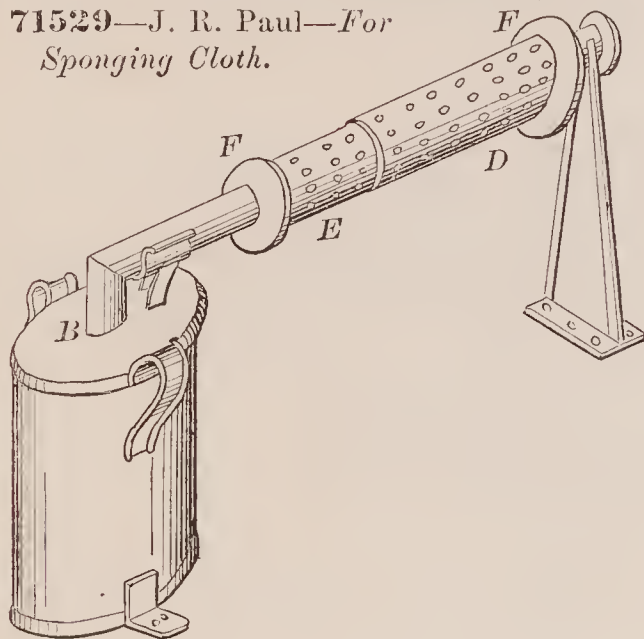
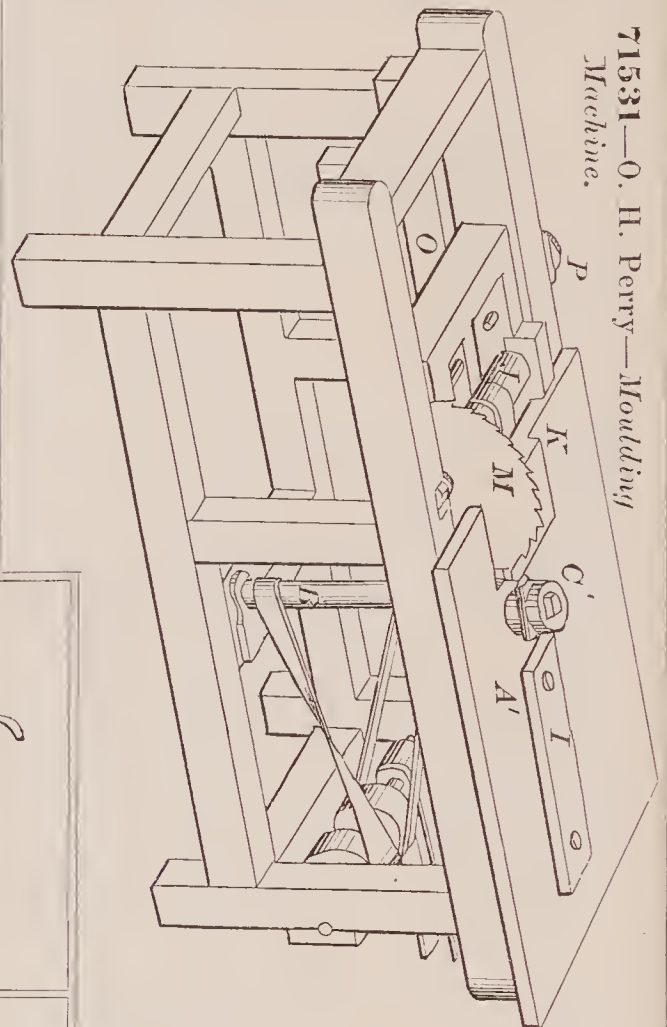
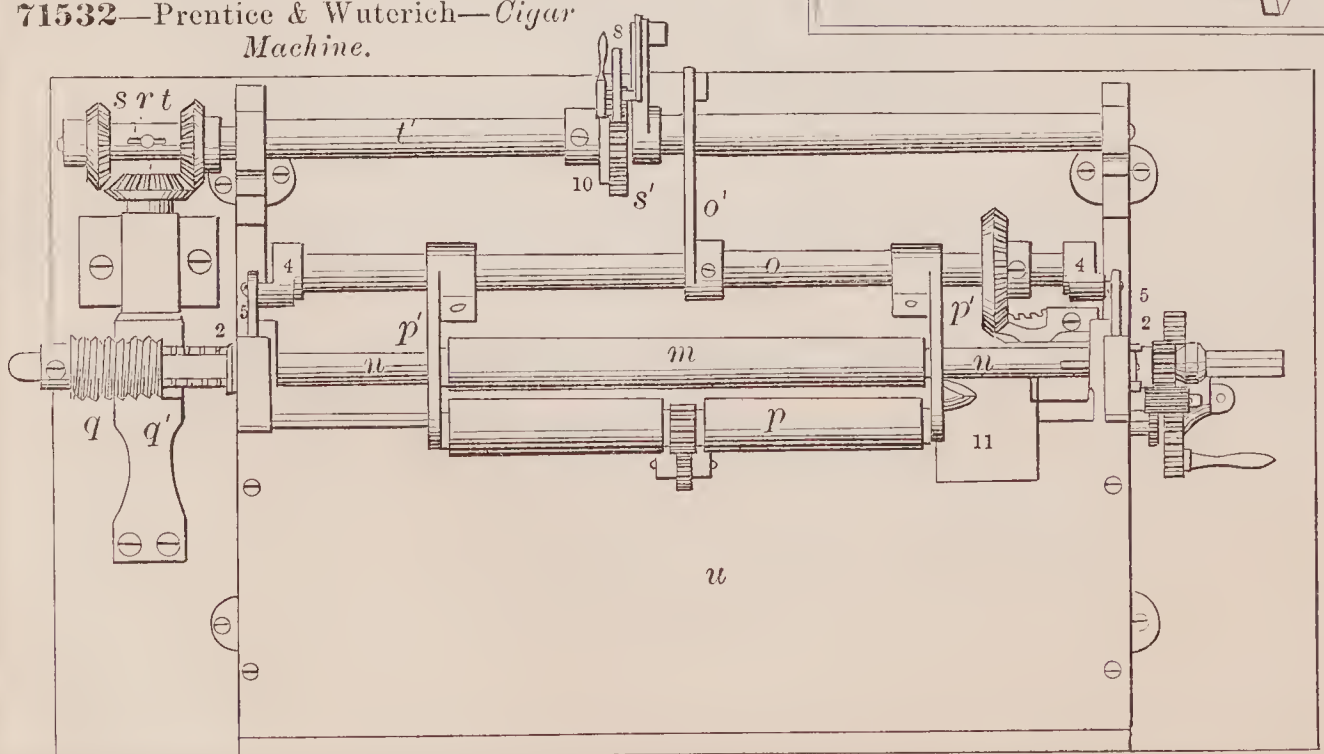
71524—H. Ogborn—*Store Pipe Dumper.*



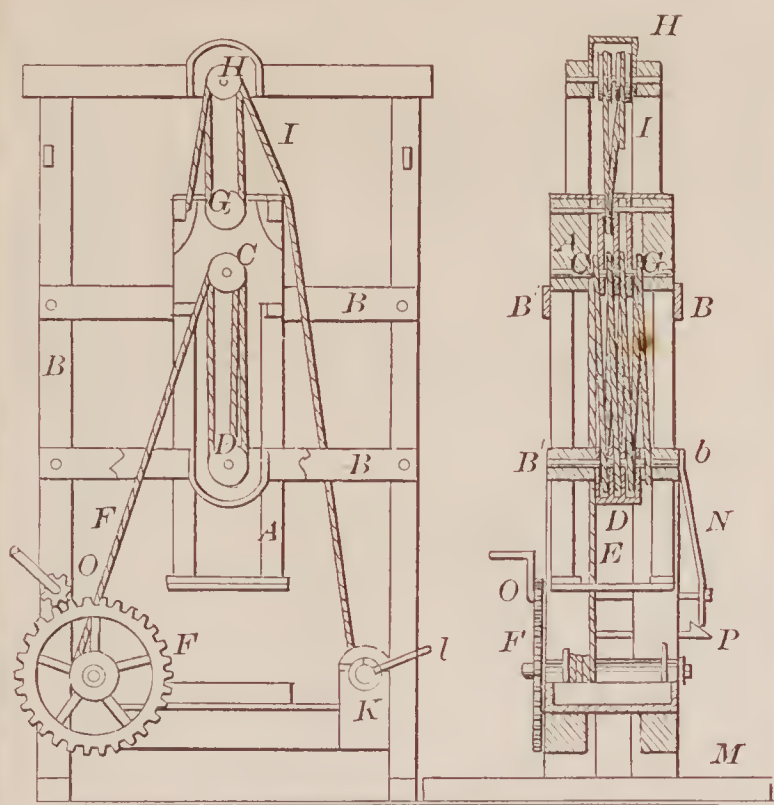
71527—C. H. Parshall—*Anti-Friction Journal for Car Wheels.*

71525—J. D. C. Outwater—*Cultivator and Potato Digger.*

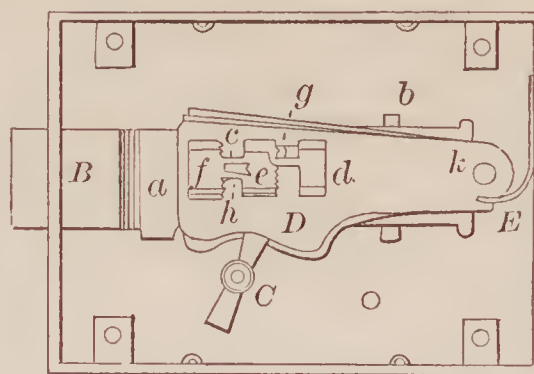


71528—Patric & Bickford—*Grain Drill*71530—H. Pennie—*Refrigerator Ice Rack.*71529—J. R. Paul—*For Sponging Cloth.*71531—O. H. Perry—*Moulding Machine.*71532—Prentice & Wuterich—*Cigar Machine.*

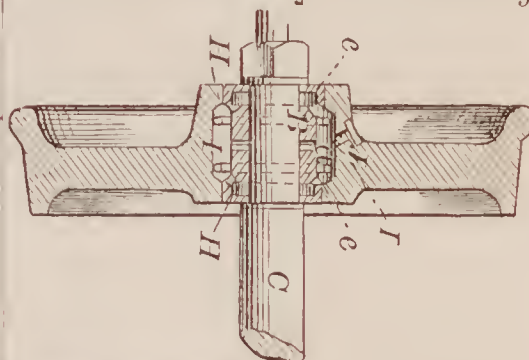
71533—E. Primm—Cider Press.



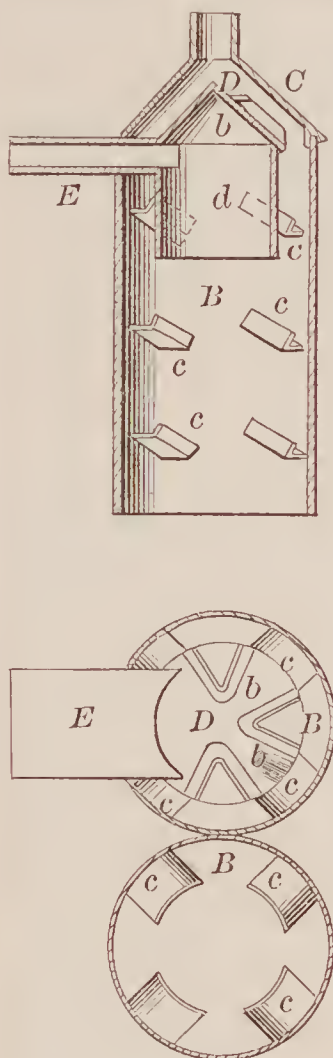
71534—R. Schade—Door Lock.



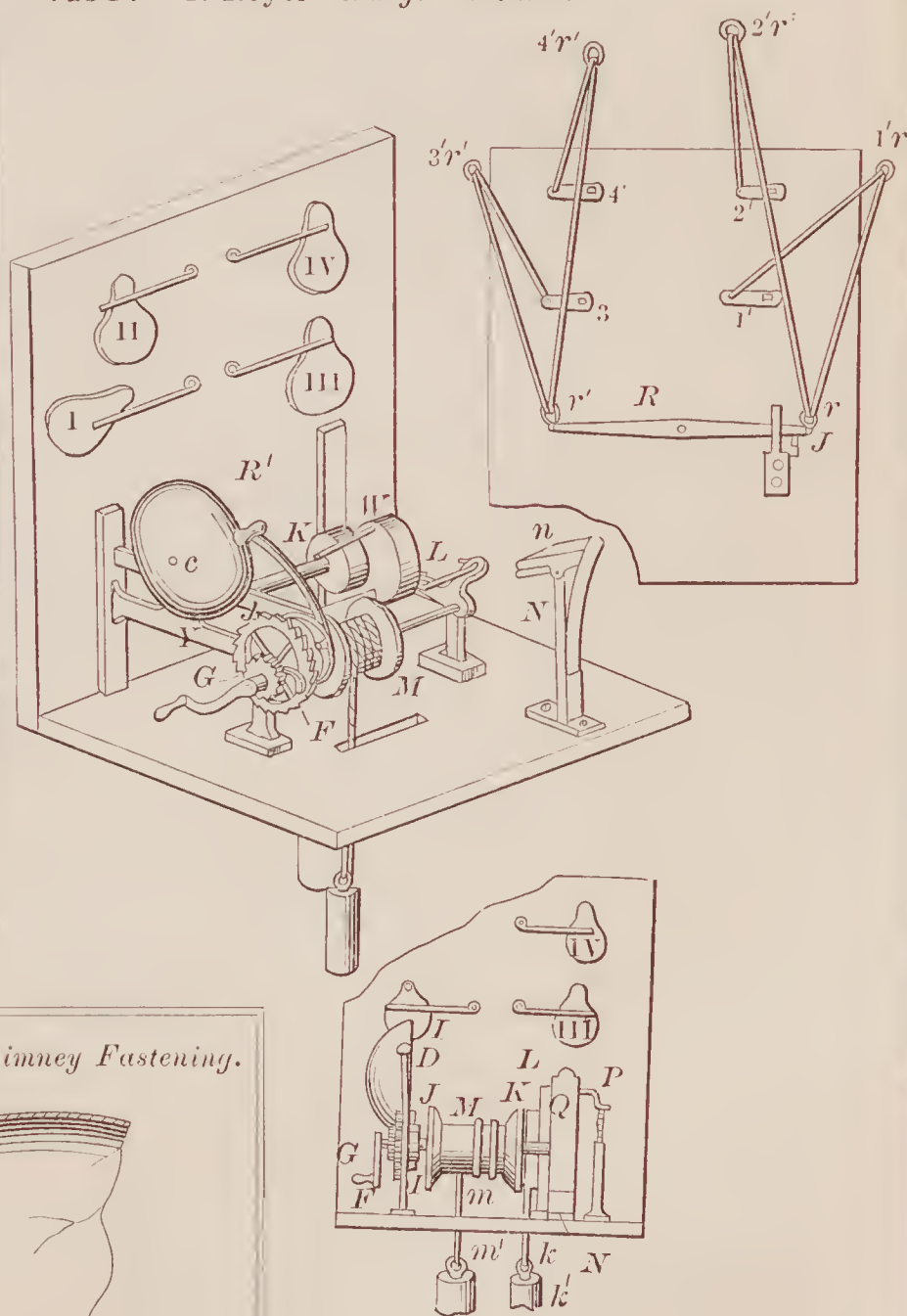
71535—C. Purdy—Loose Pulley Box.



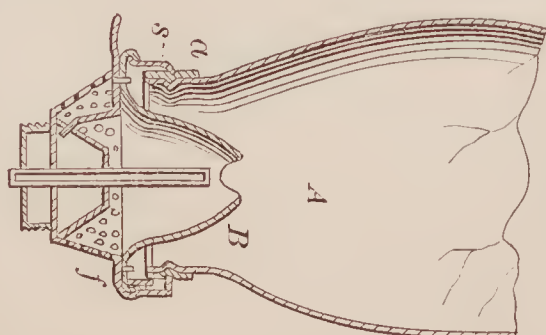
71536—T. H. Quick—Purifying Bone Black.

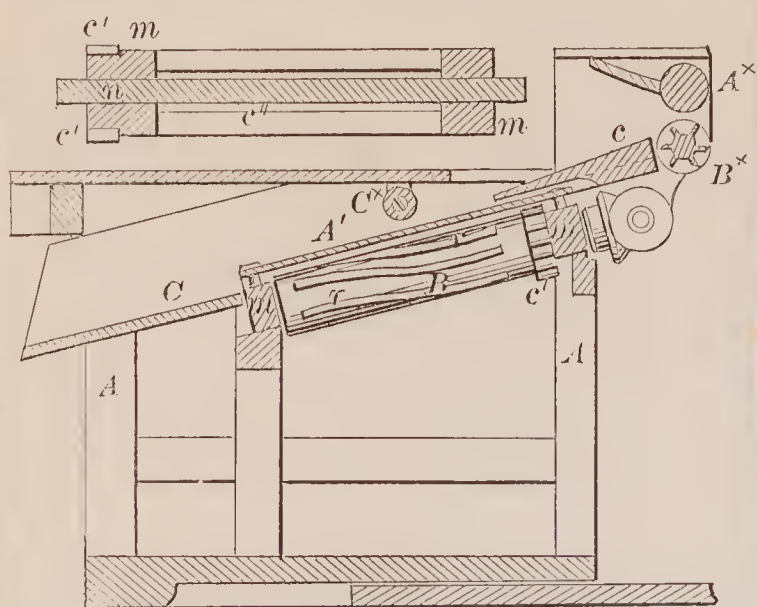
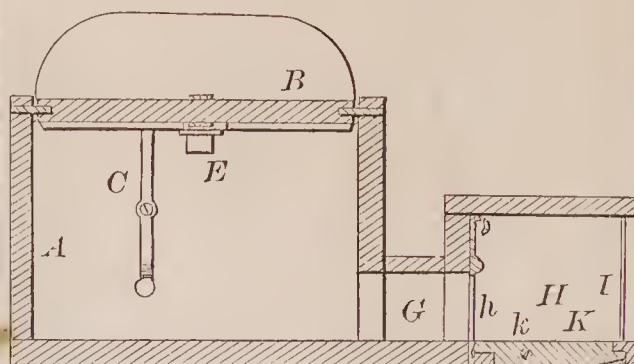
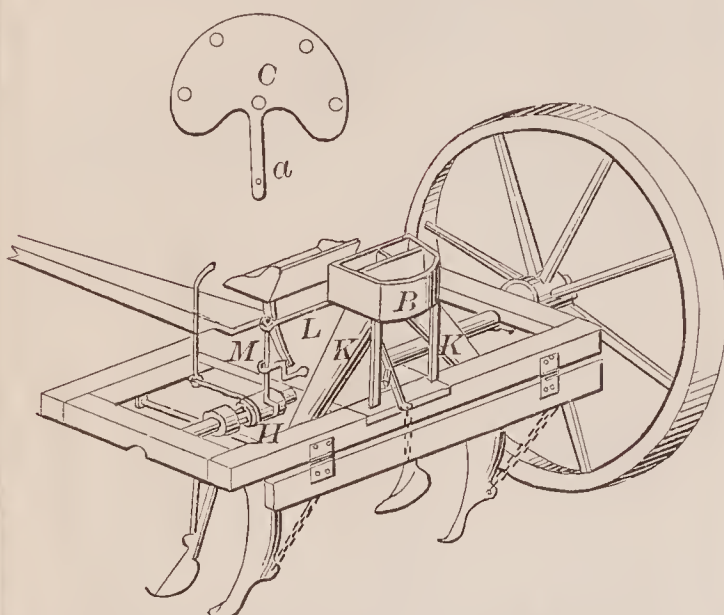
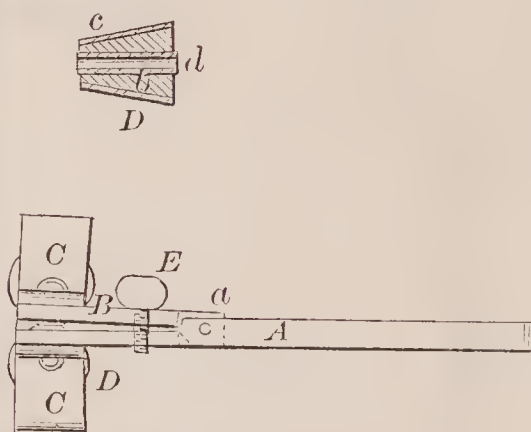
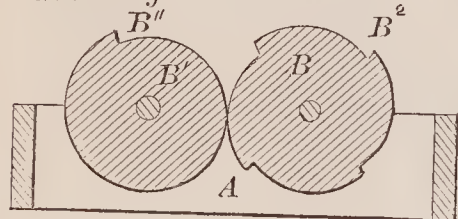
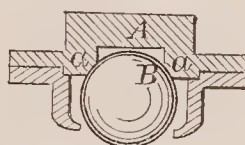
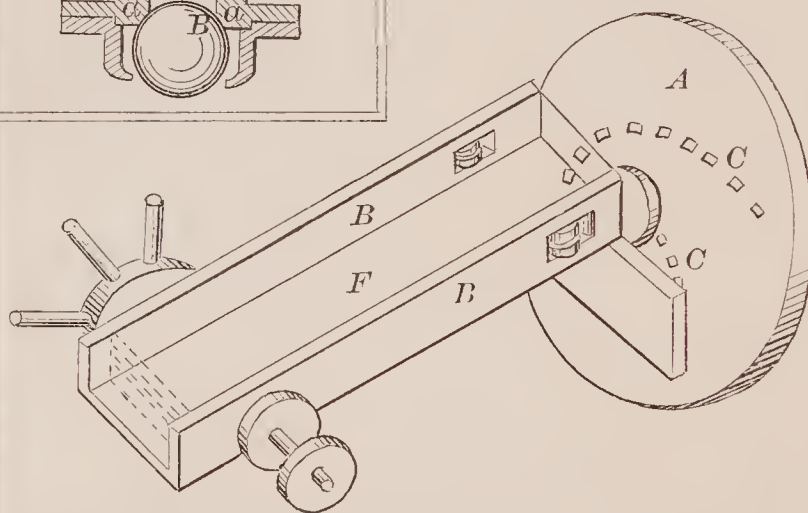
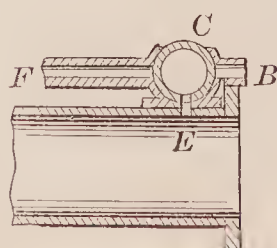
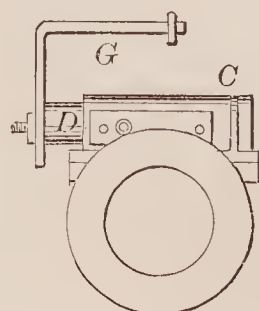
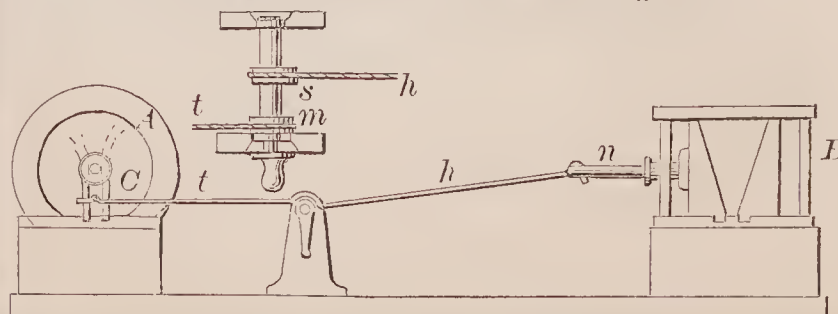


71537—T. Royer—Burglar Alarm.

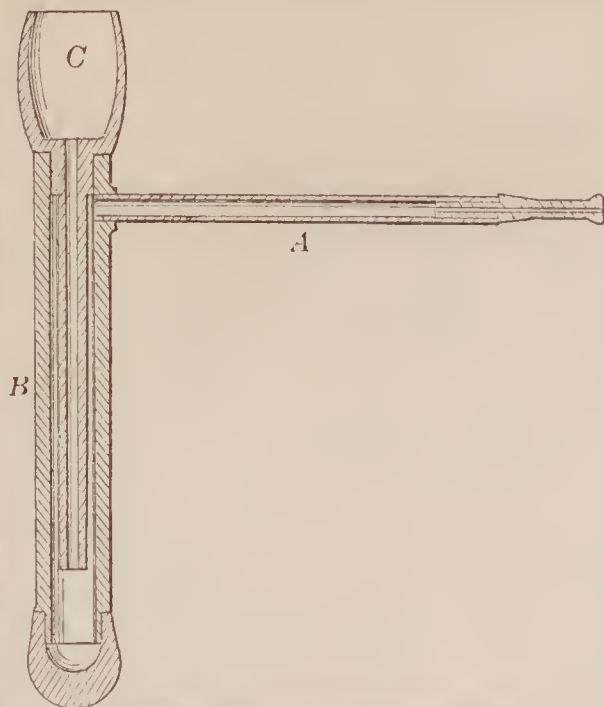


71538—E. Russell—Lamp Chimney Fastening.



71539—J. Russell—*Husking Machine.*71543—T. Sillman—*Animal Trap.*71540—Rutt & Baer—*Corn and Seed Planter.*71541—E. F. Shaw—*Temple for Looms.*71544—A. Smith—*For Grinding Animal Matter.*71546—T. S. Smith—*Ball Caster.*71545—A. Smith—*For Reducing Cracklings.*71542—J. Shoemaker—*Steam Engine Valve.*71547—W. M. Stevenson—*Steam Cut-off Valve.*

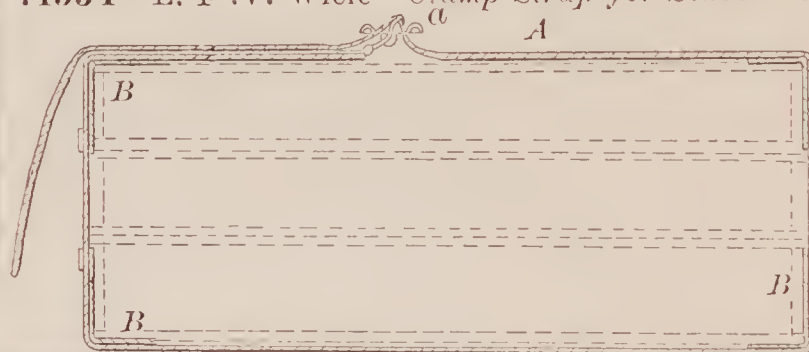
71548—J. B. Stockton—*Tobacco Pipe.*



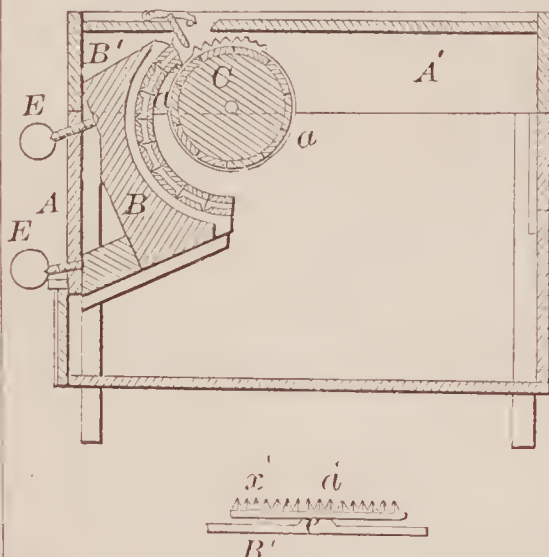
71550—V. C. Taylor—*Music Staff.*



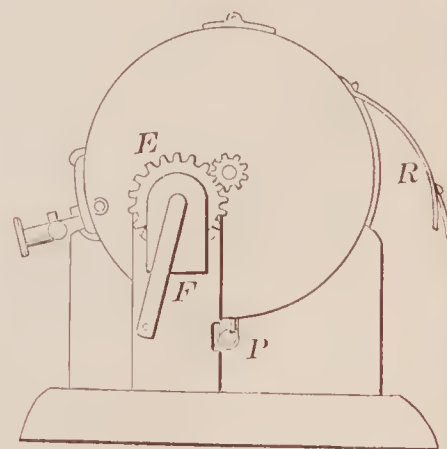
71554—L. F. V. Wiele—*Clamp Strap for School Books.*



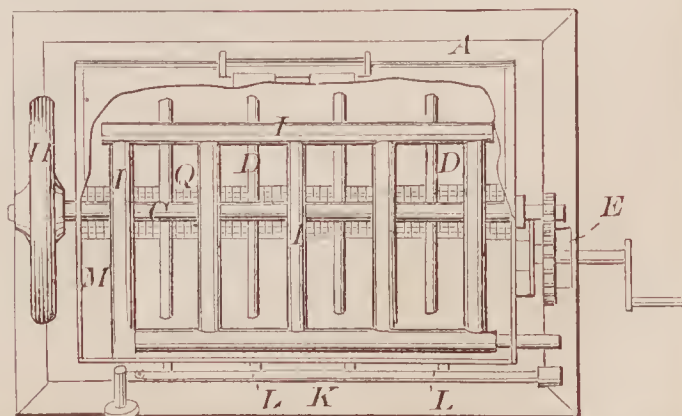
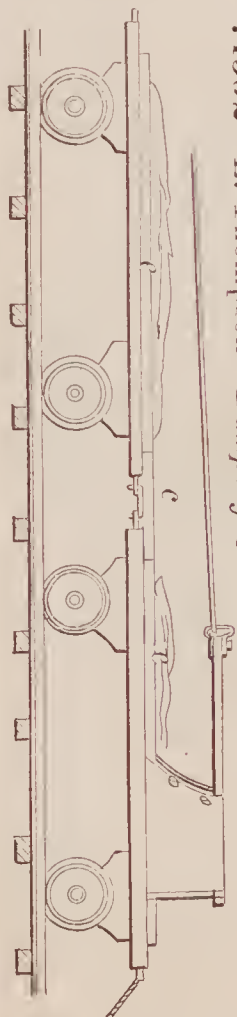
71551—S. Terry—*Corn Sheller.*



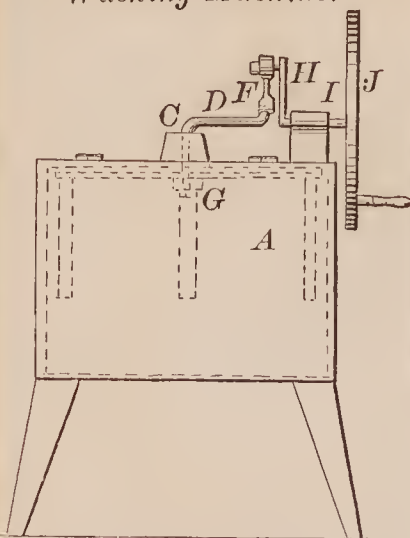
71555—U. B. Waddle—*Feather Renovator.*



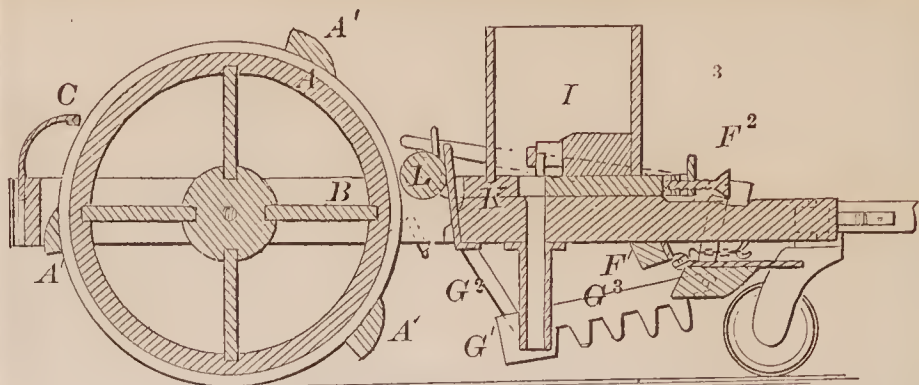
71552—E. Thompson—*Dumping Car.*



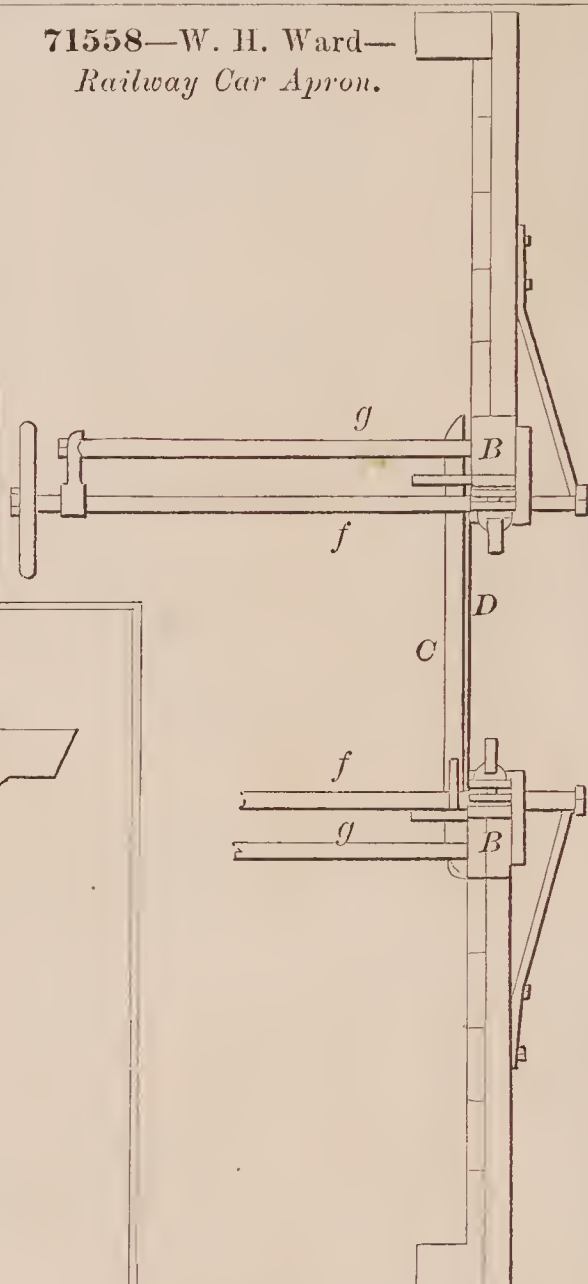
71556—M. P. Walton—*Washing Machine.*



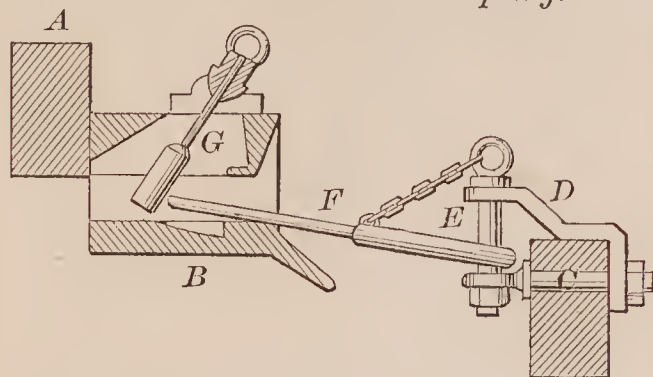
71557—S. B. Ward—*Seeding Machine.*



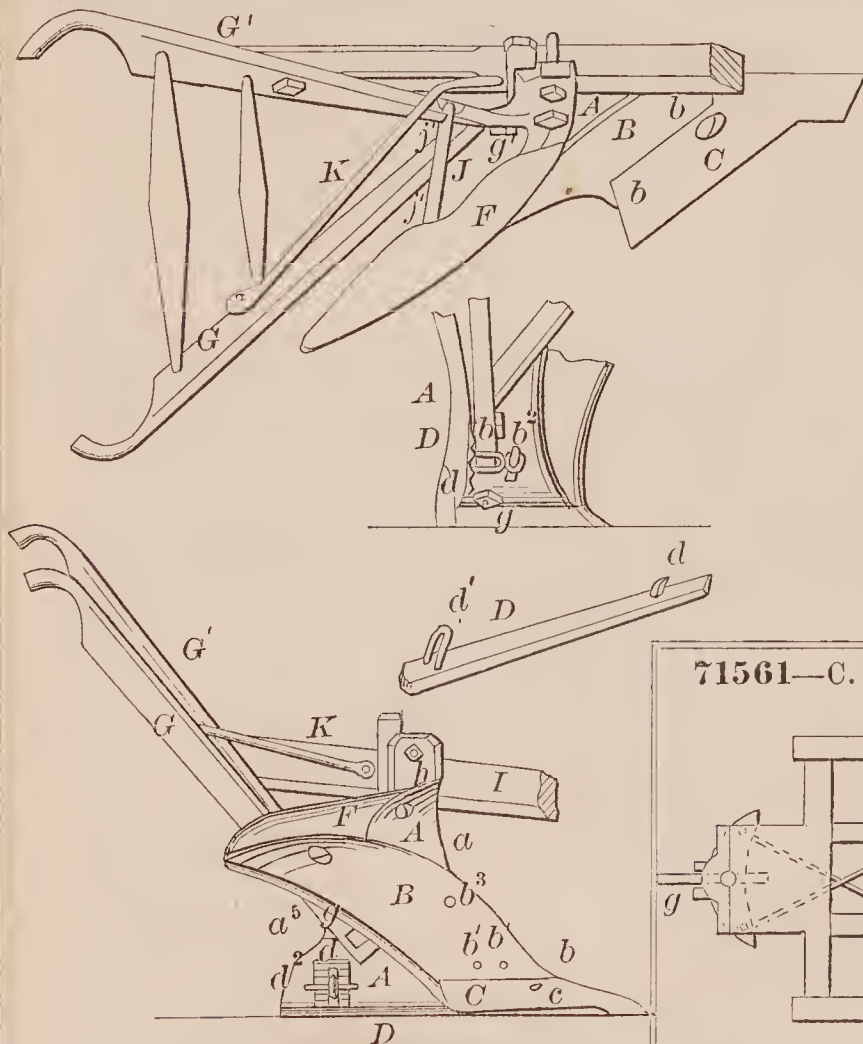
71558—W. H. Ward—*Railway Car Apron.*



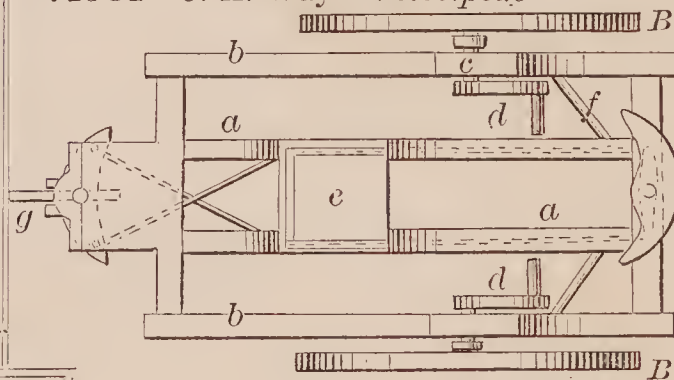
71559—W. Y. Warner—*Car Coupling.*



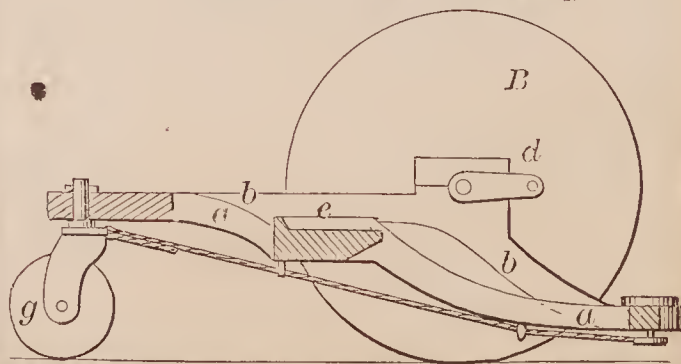
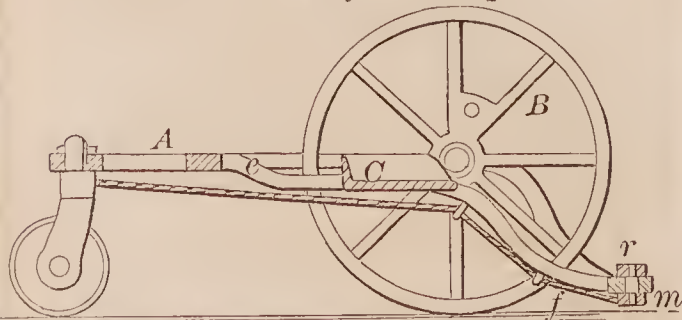
71560—G. Watt—*Plow.*



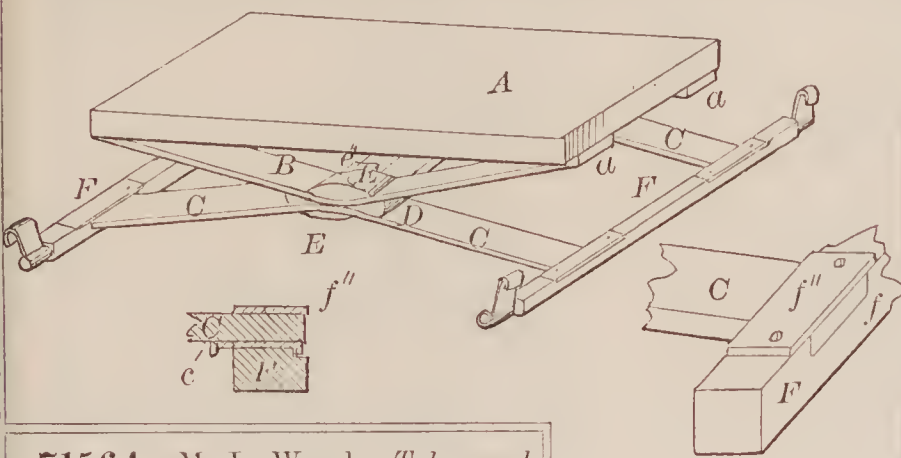
71561—C. A. Way—*Velocipede*



71562—C. A. Way—*Velocipede.*



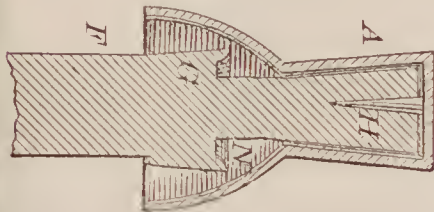
71563—J. Werntz—Spring Seat for Carriages.



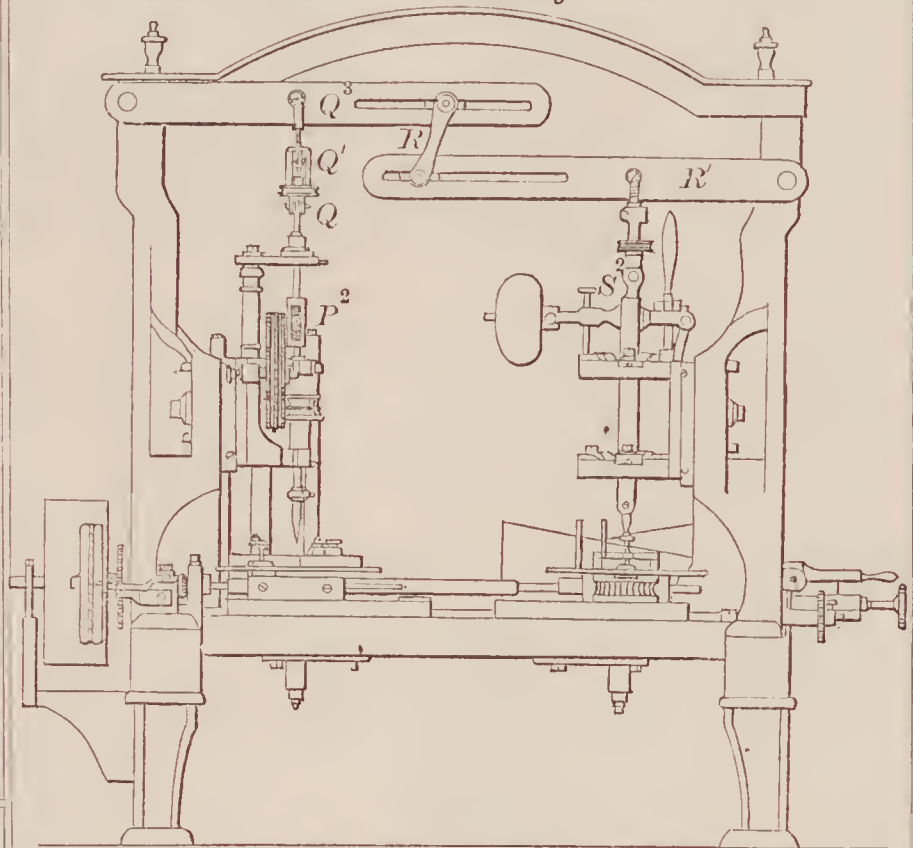
71565—D. B. Woodworth—Teapot.



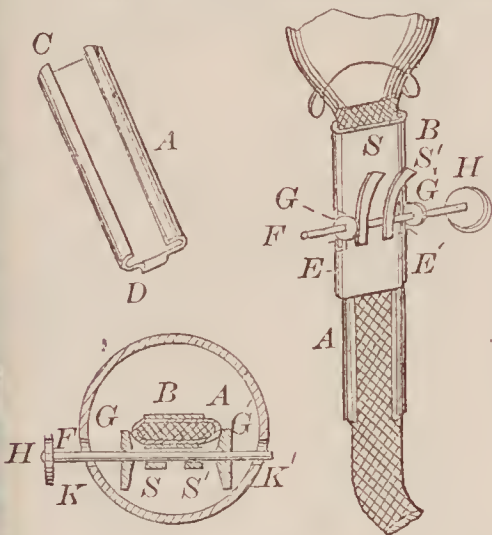
71564—M. L. Wood—Telegraph Insulator.



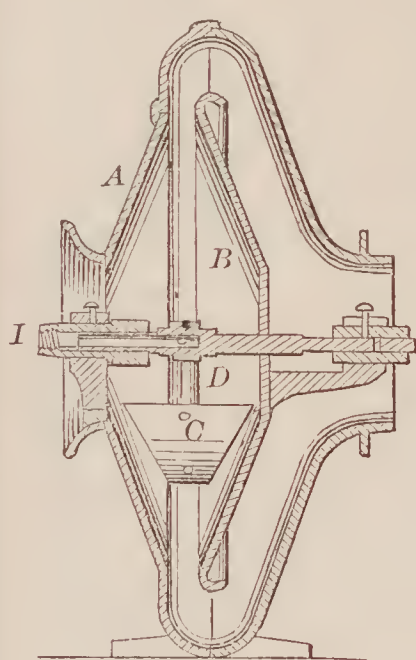
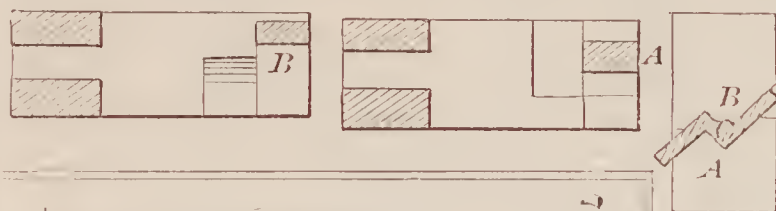
71568—A. Basse—For Carving Wood.



71566—J. B. Alexander—Lamp.

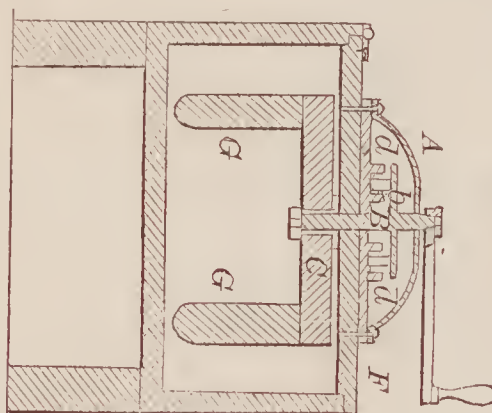


71567—A. E. Barnard—Die for Swaging Bunter Shapes.

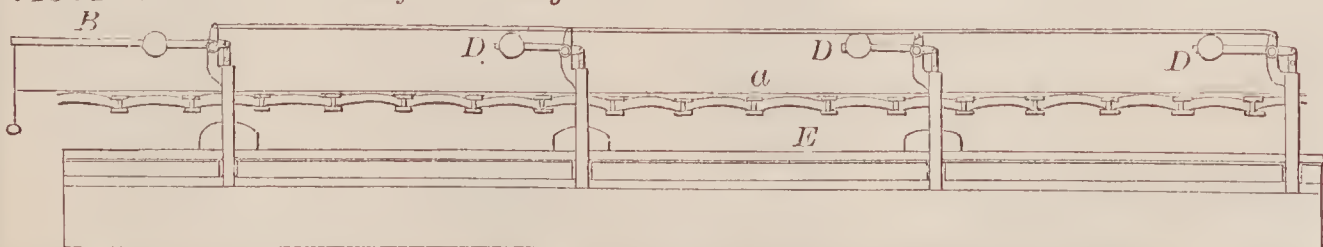


71569—Bassett & Smith—Steam Blower.

71570—M. Beck—Washing Machine.



71571—D. Bievez—Oven for Cooling Glass.



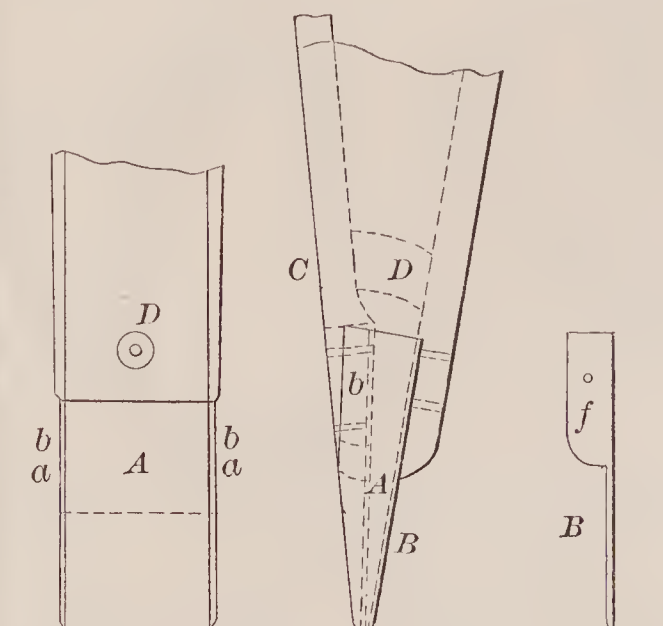
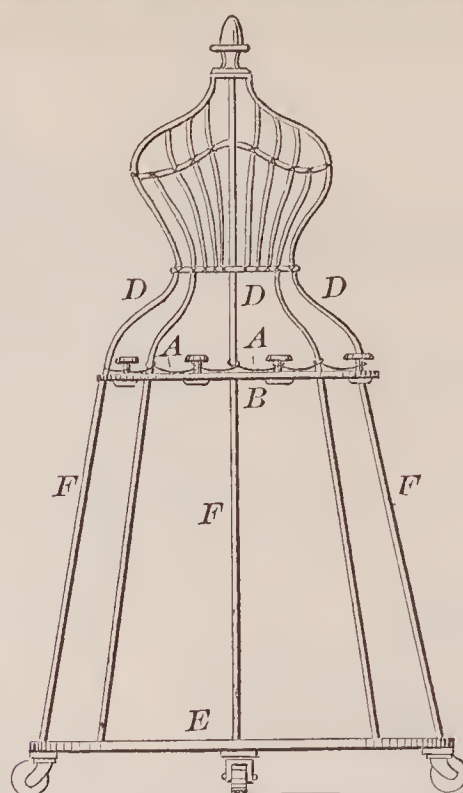
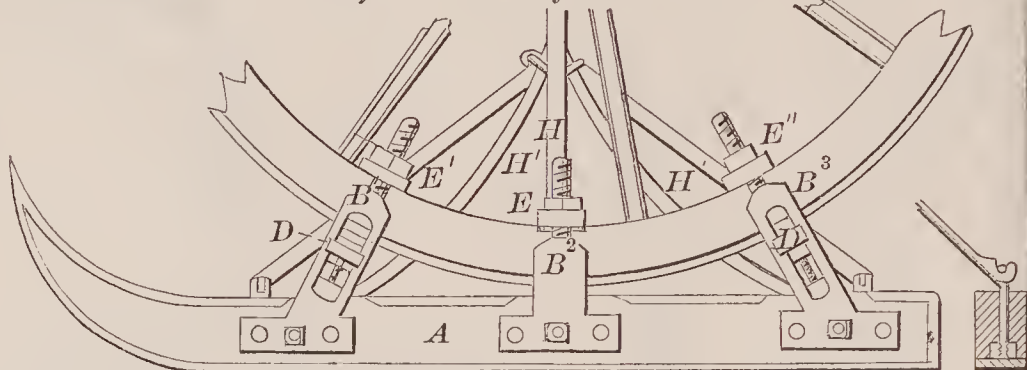
71572—O. Billings—*Corn Planter.*71573—W. R. Boerner—*Wire Figure.*71576—F. T. L. Boyle—*Runner for Wheeled Vehicles*

Fig. 6 II

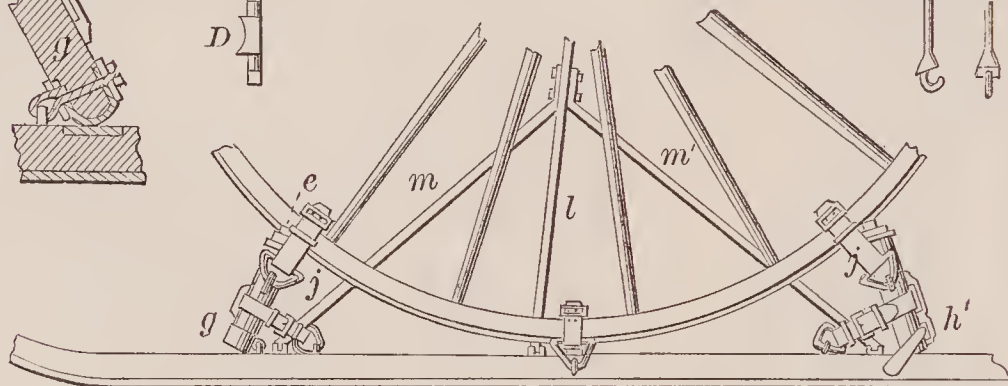
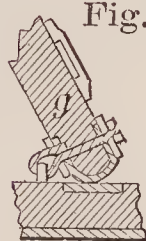


Fig. 18 II

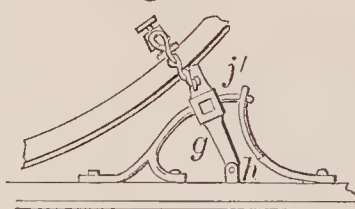


Fig. 19 II

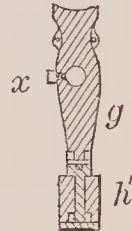


Fig. 16 II

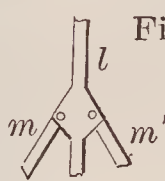


Fig. 4 II

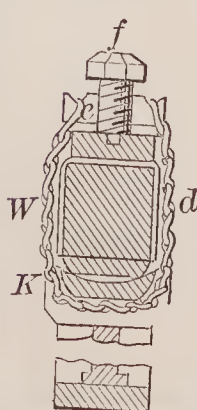
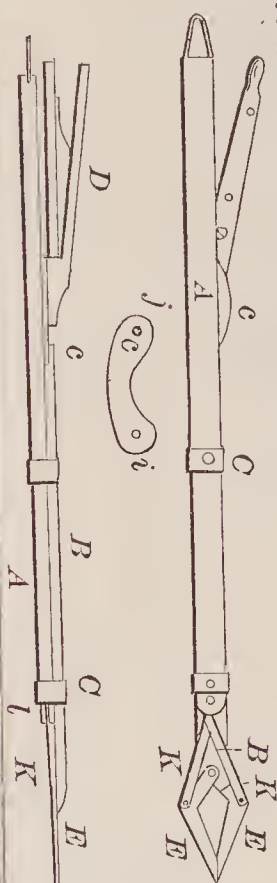
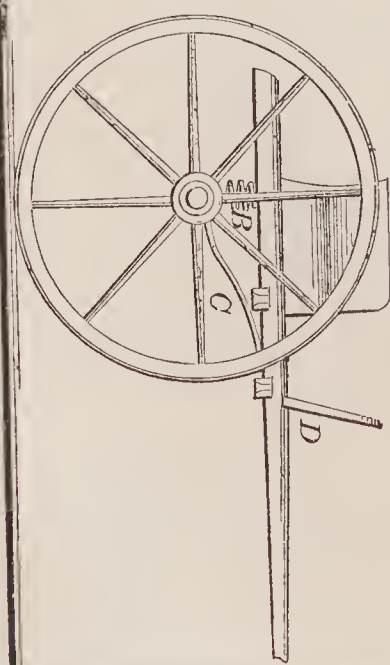
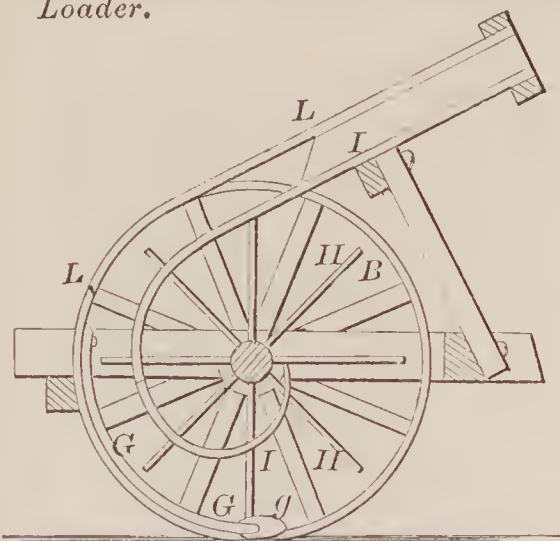


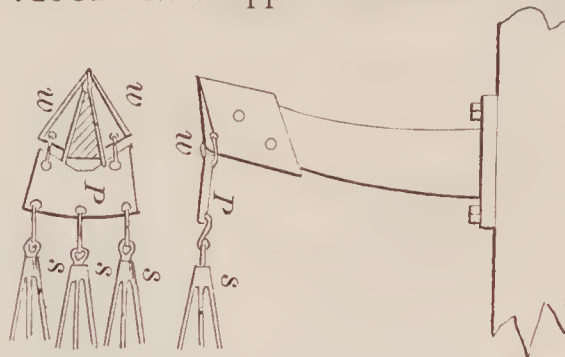
Fig. 7 II

71575—L. L. Bond—*Horse Hay Fork.*71574—P. E. Bomboy—*Carriage Spring.*

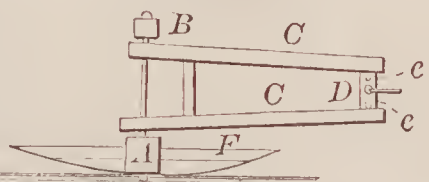
71577—Brown & Smith—*Hay Raker and Loader.*



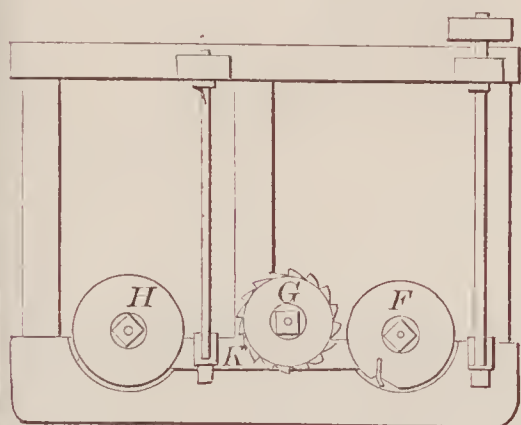
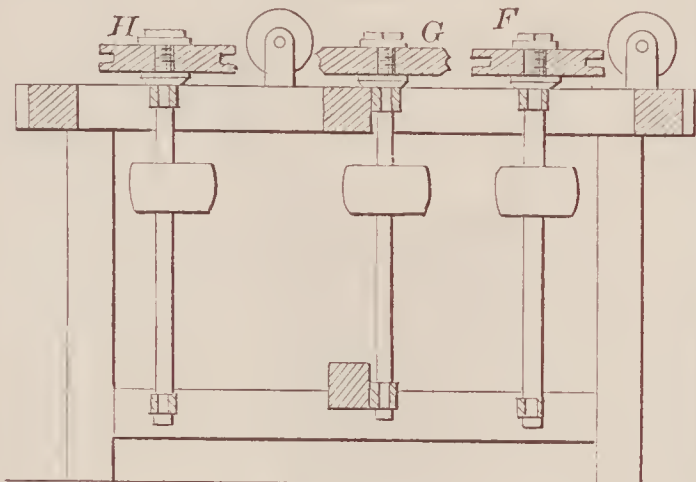
71581—N. Chappell—*Cultivator Teeth.*



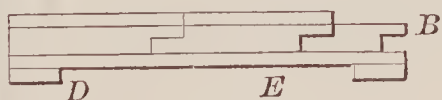
71579—S. Carpenter—*Horse Rake.*



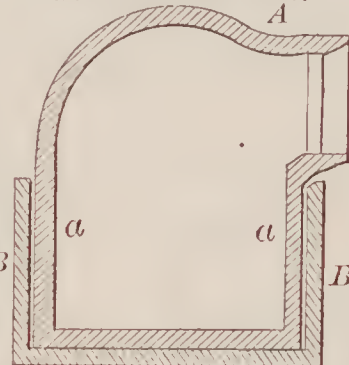
71609—H. W. Harper—*For Dressing Slate Frames.*



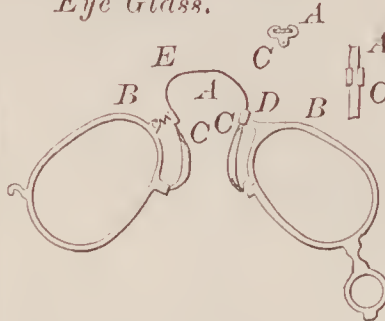
71583—W. Cranage—*Roof Tile.*



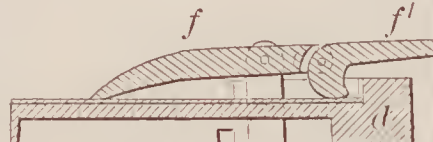
71578—W. H. Capewell—*Glassmakers' Pot.*



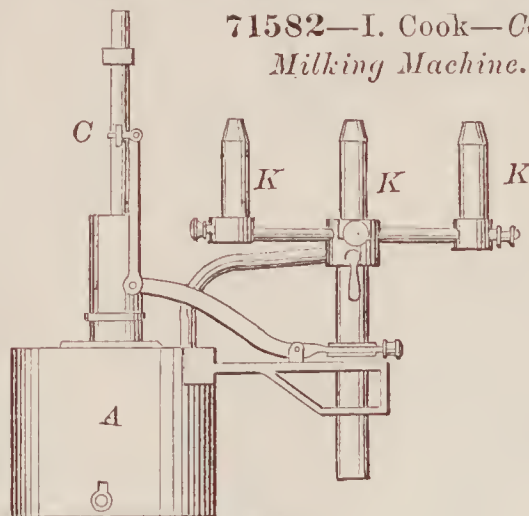
71584—J. J. Crispin—*Eye Glass.*



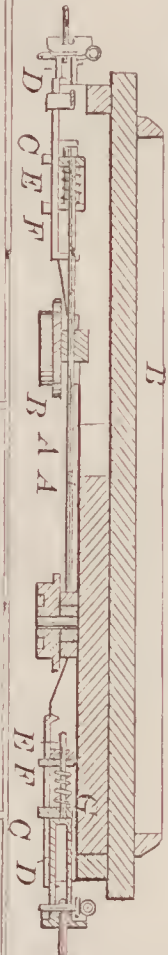
71586—J. P. Curtiss—*For Grinding Cutlery.*



71582—I. Cook—*Cow Milking Machine.*



71580—E. L. Cunn—*Buffer for Railroad Cars.*



71587—W. Damerel—*Building.*

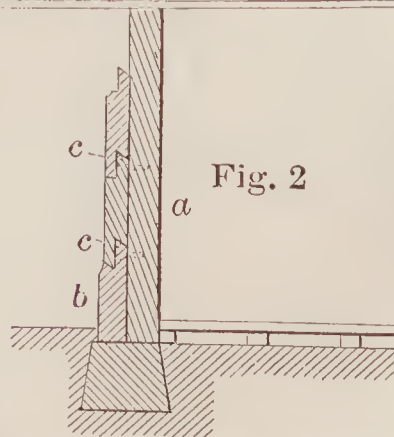
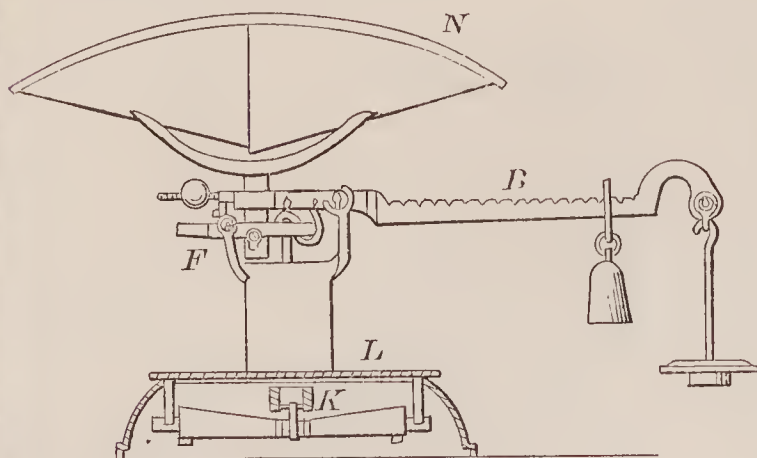
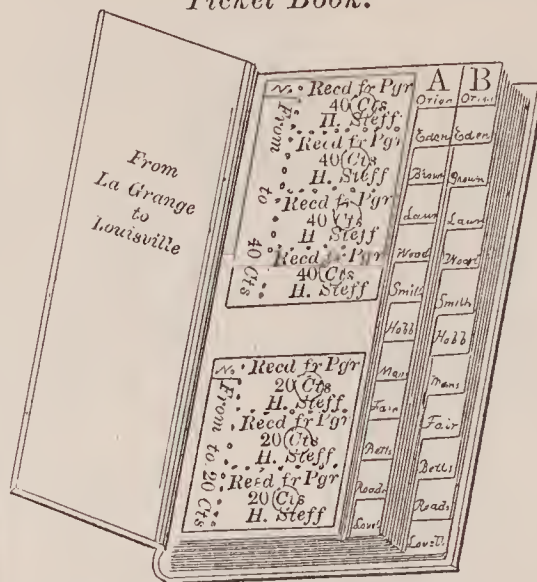


Fig. 2

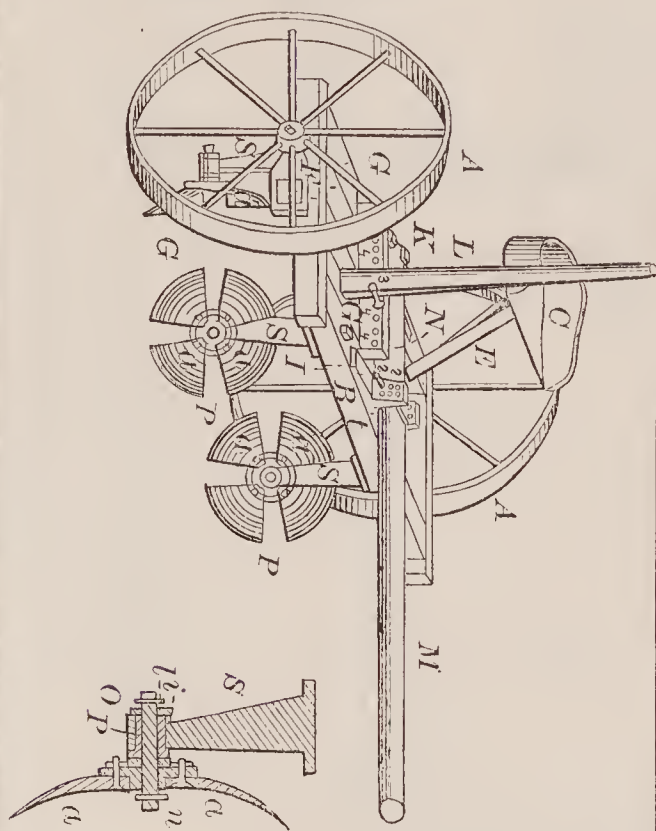
71588—J. C. Dell—Scales.



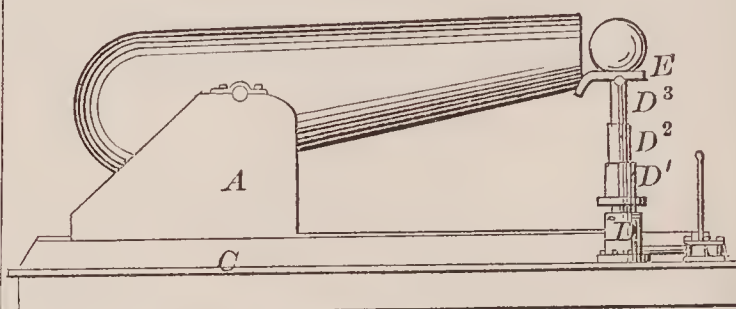
71590—R. de Roode—Conductors' Ticket Book.



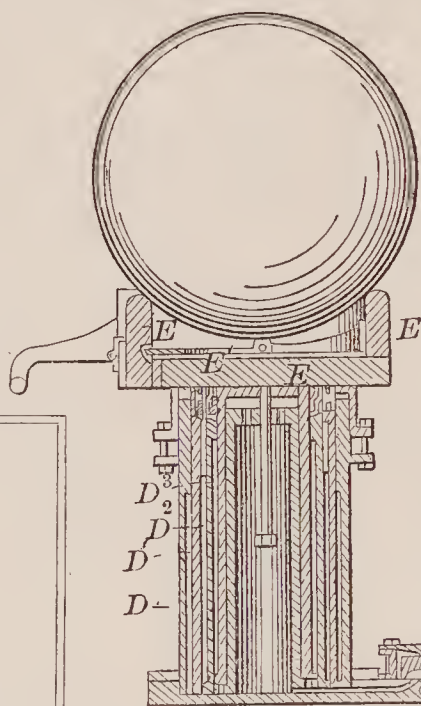
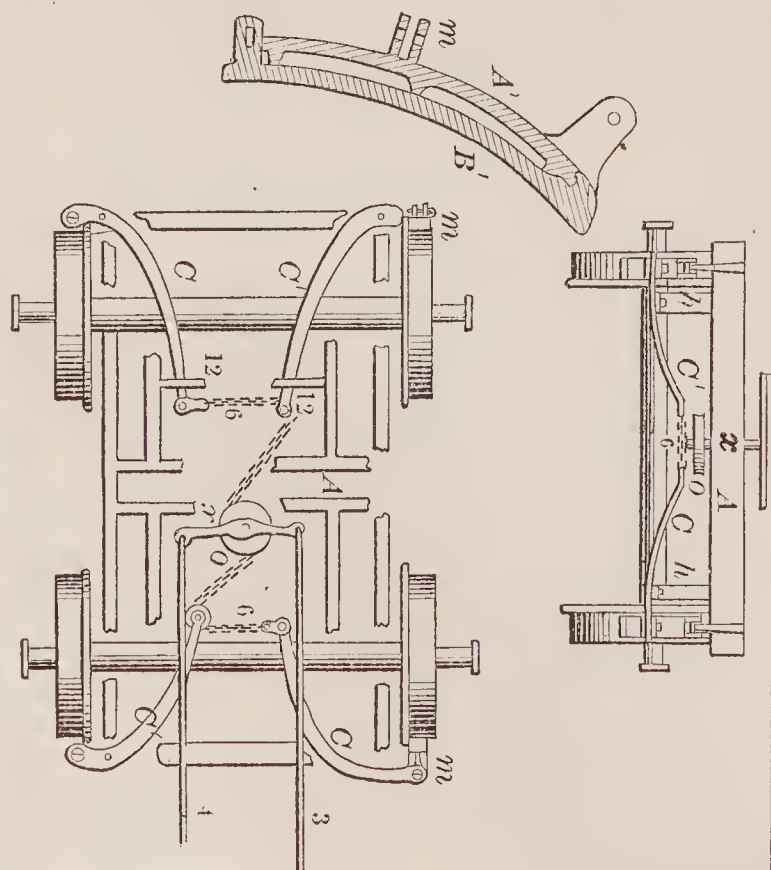
71589—J. Densmore—Rotating Tooth Cultivator.



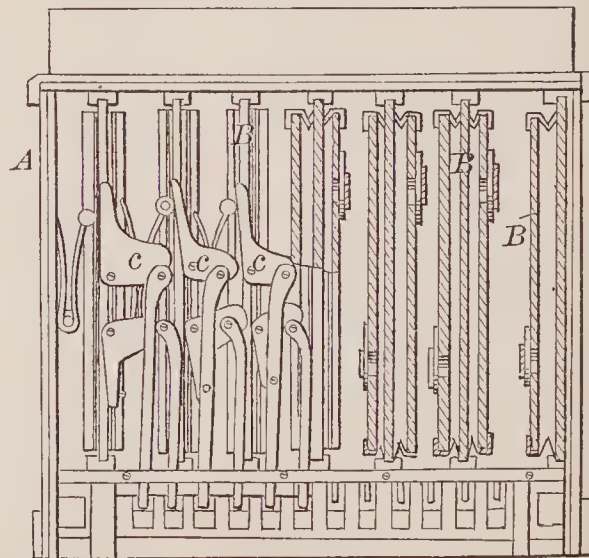
71592—J. B. Eads—Loading Ordnance.



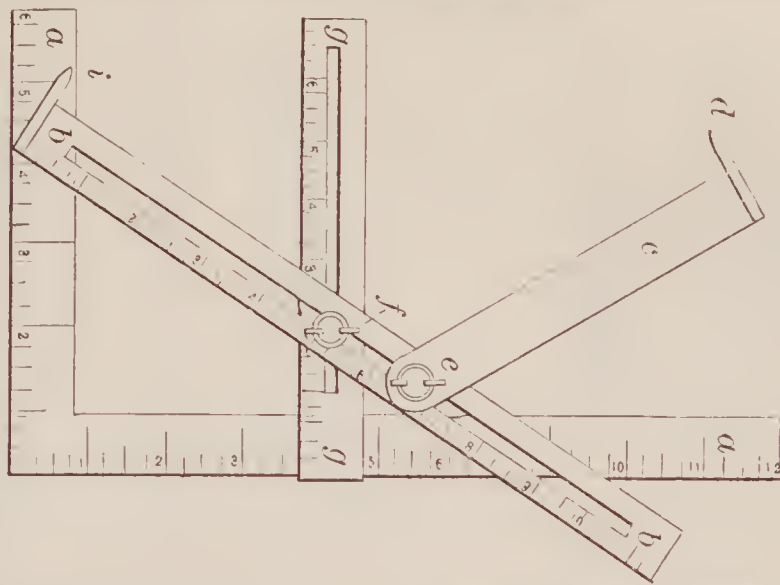
71591—Dunham & Widney—Car Brake.



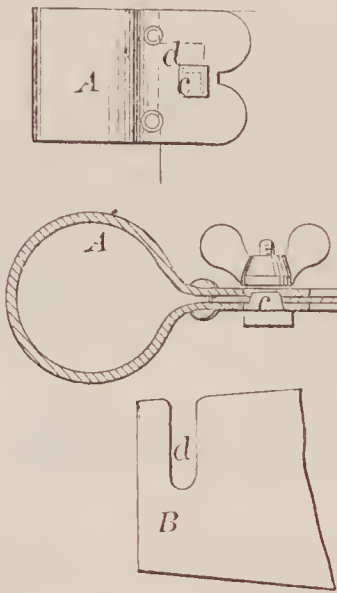
71593—K. Ebermeyer—Melodeon.



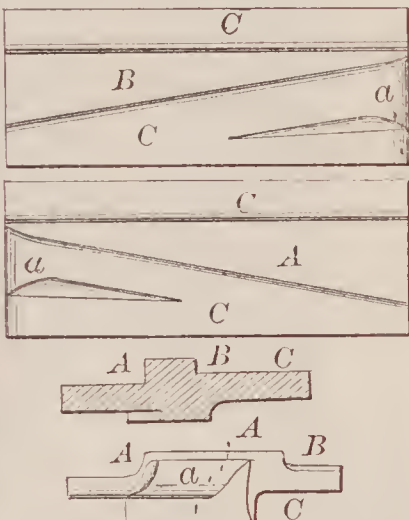
71595—T. Evans—*Drafting Instrument.*



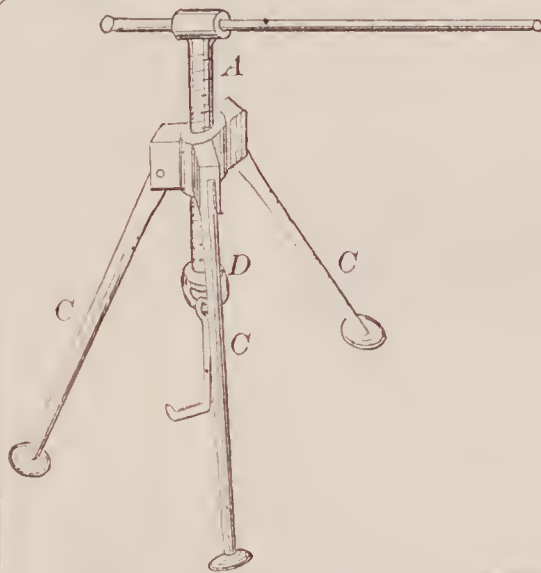
71594—J. E. Emerson—*Attaching Handles to Cross Cut Saws.*



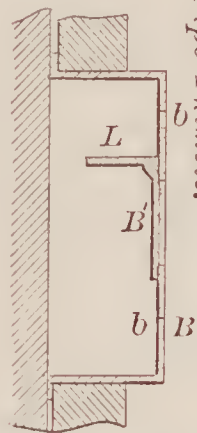
71596—B. W. Felton—*Car Replacer.*



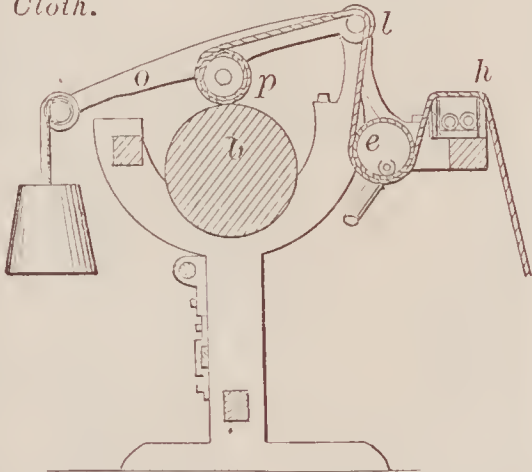
71598—A. D. Fox—*Railroad Jack.*



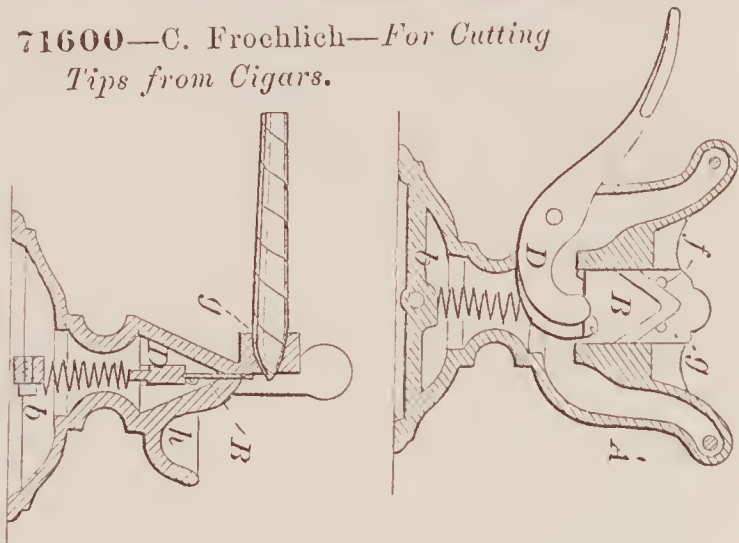
71602—J. P. Gallagher—*Stove Pipe Thimble.*



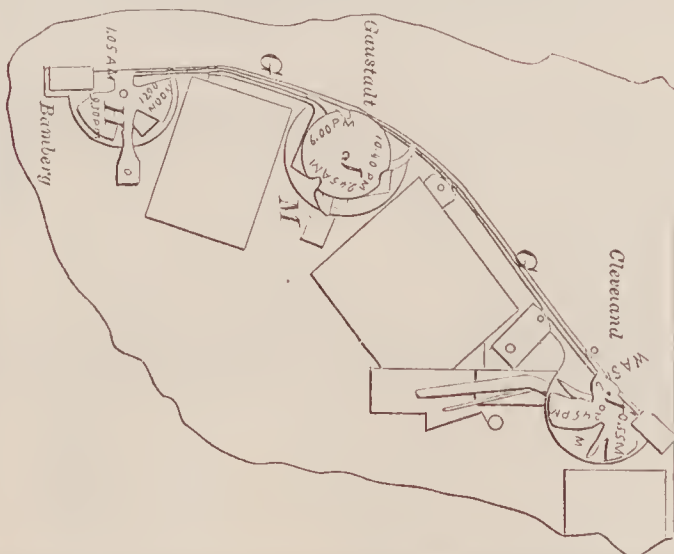
71599—C. L. Frink—*For Smoothing Cloth.*



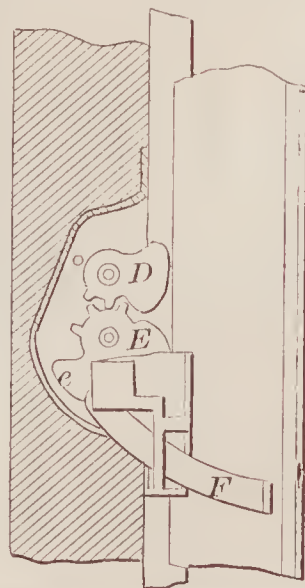
71600—C. Froehlich—*For Cutting Tips from Cigars.*



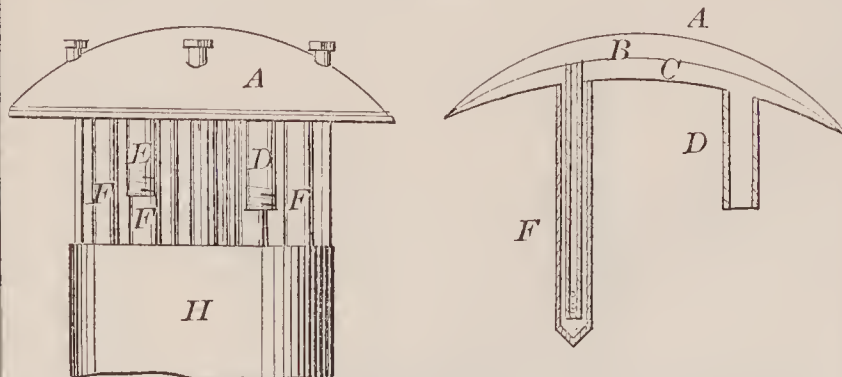
71601—C. C. Gale—*Railroad Time Indicator.*



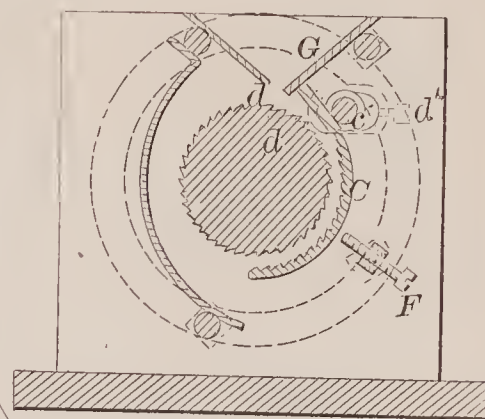
71603—Garretson & Clark—*Sash Stop.*



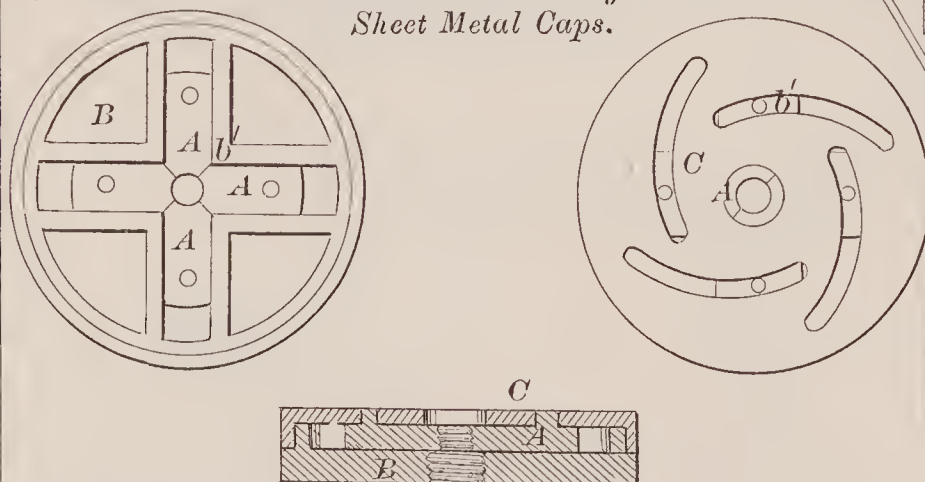
71604—Garvin & Pettibone—*Feed Water Heater for Locomotives.*



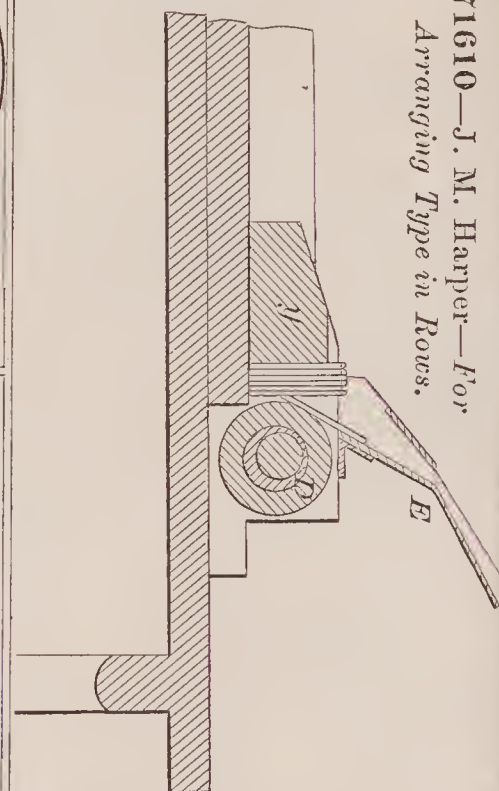
71606—T. Grey—*Grinding Mill.*



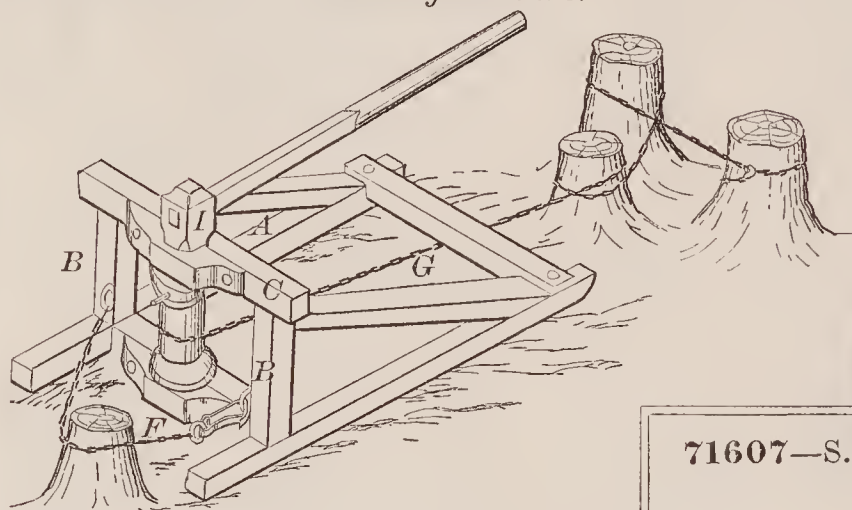
71605—W. T. Gillinder—*For Forming Threads on Sheet Metal Caps.*



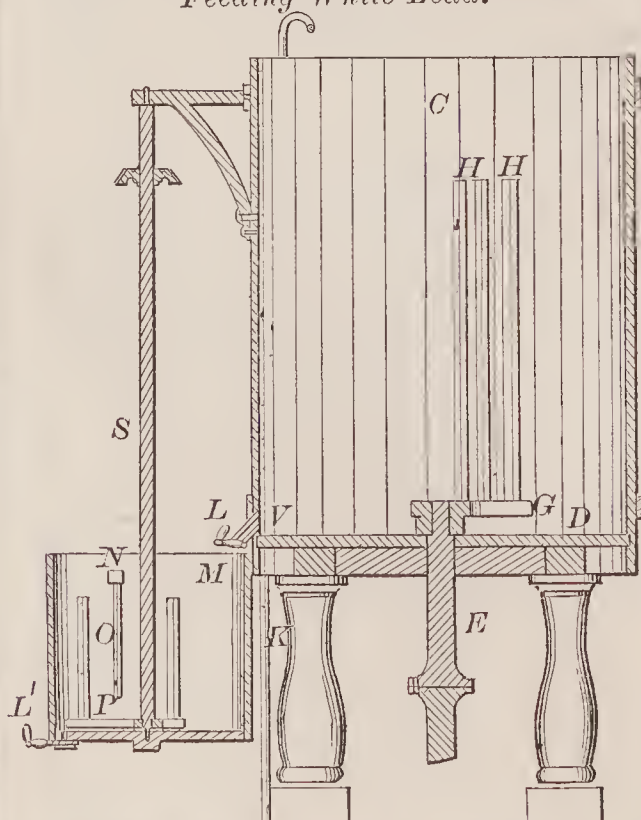
71610—J. M. Harper—*For Arranging Type in Rows.*



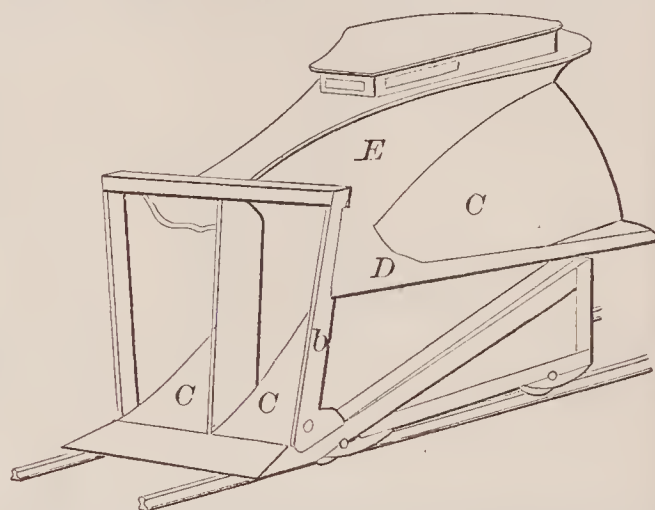
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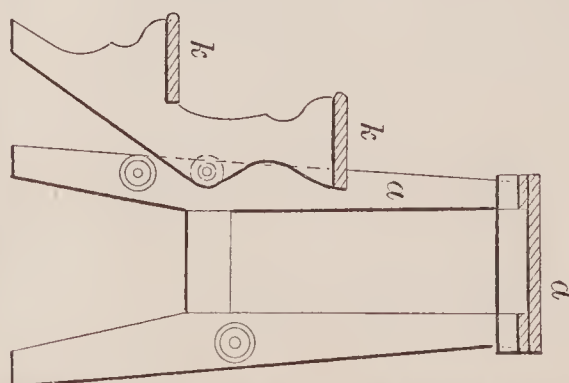
71612—J. Haslett, Jr—*For Mixing and Feeding White Lead.*



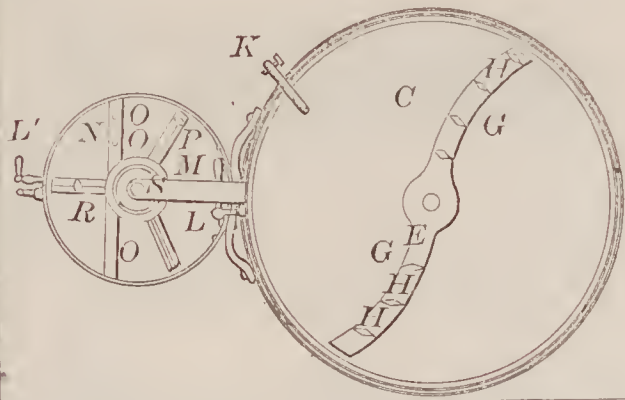
71607—S. G. Hadley—*Railroad Snow Plow.*



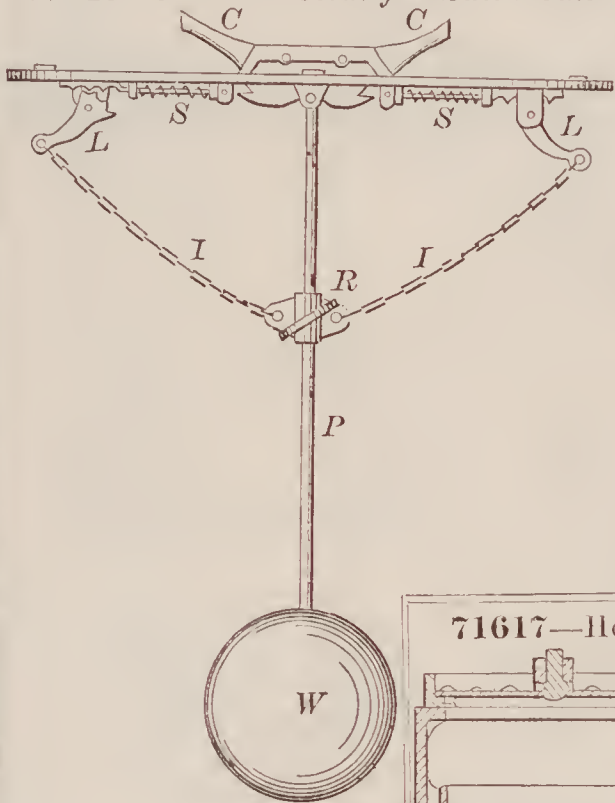
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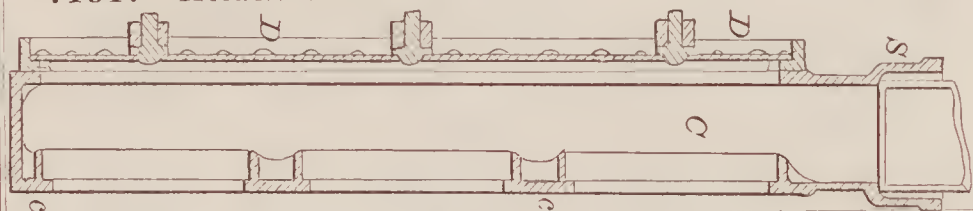
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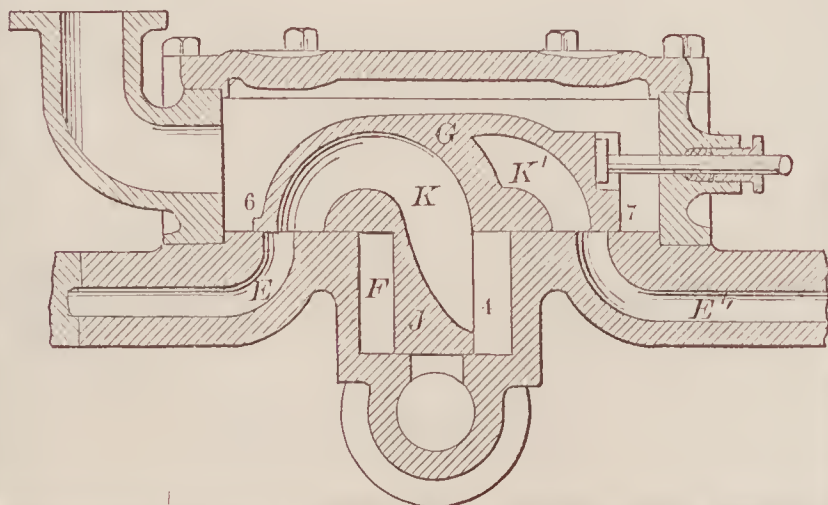
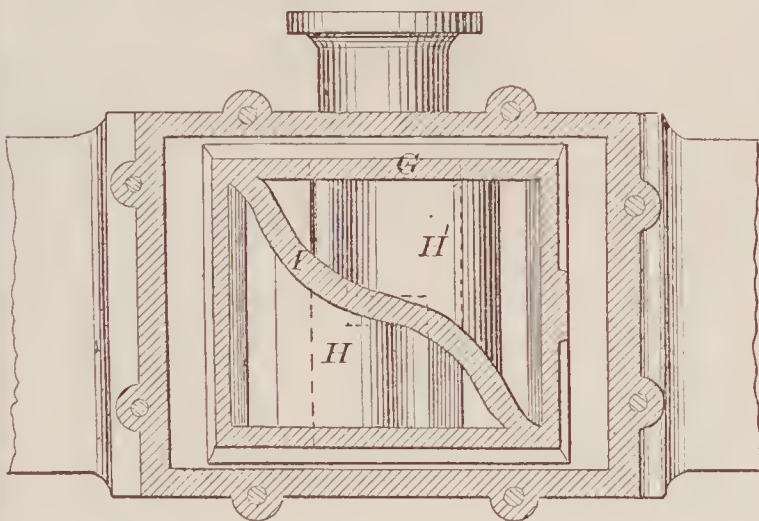
71615—L. Hill—Cleat for Sail Boats.



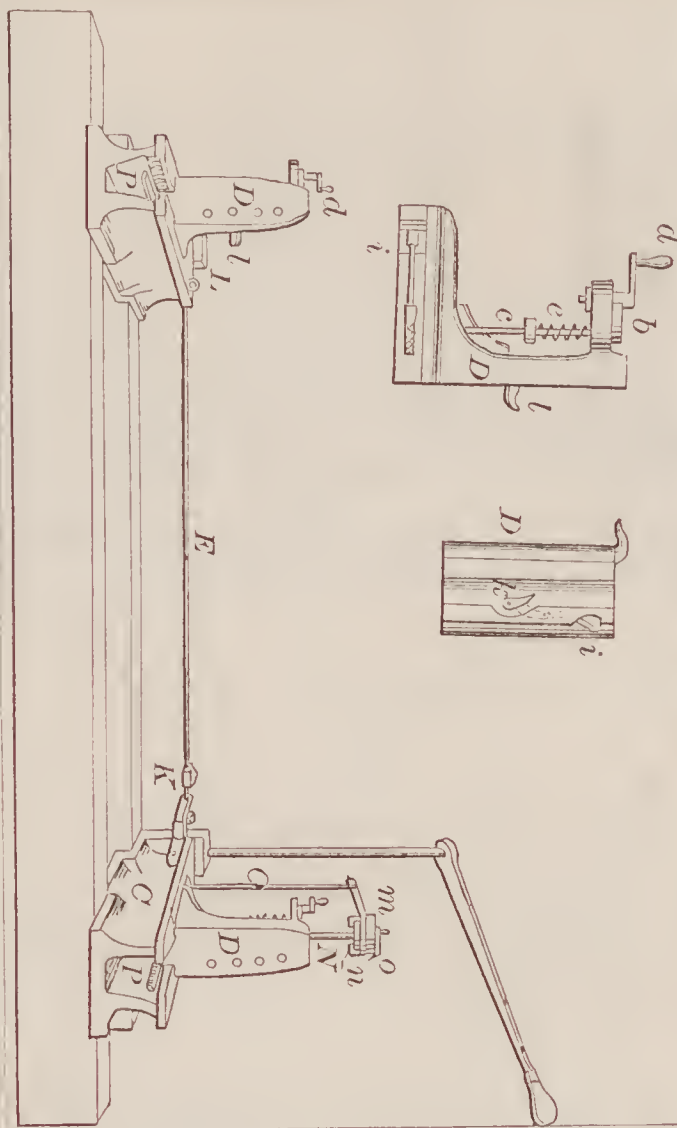
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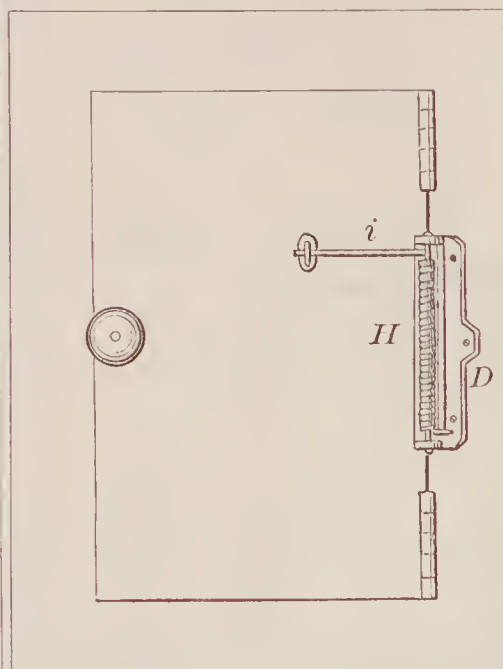
71618—B. W. Hudson—Steam Slide Valve.



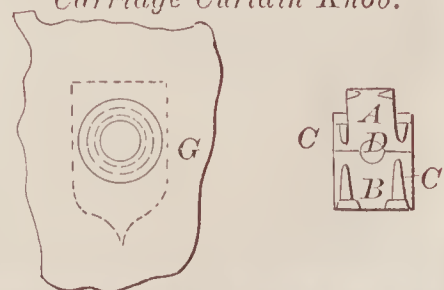
71614—J. P. Haynes—Head Block for Saw Mills.

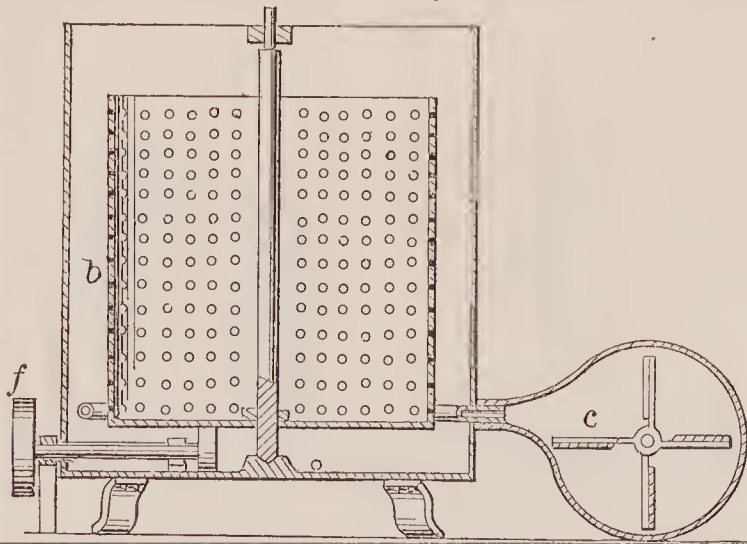
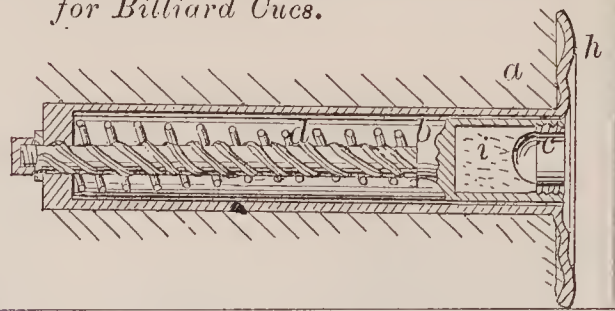
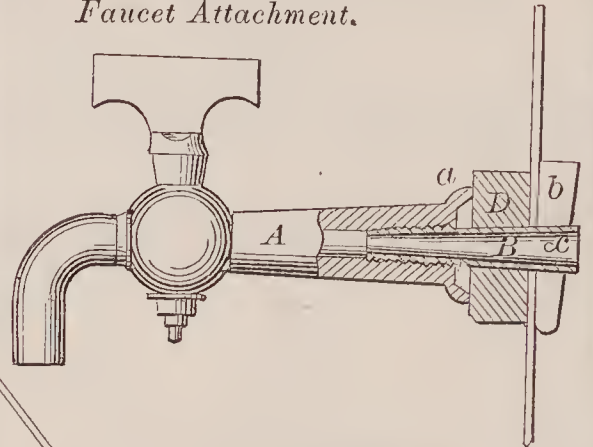
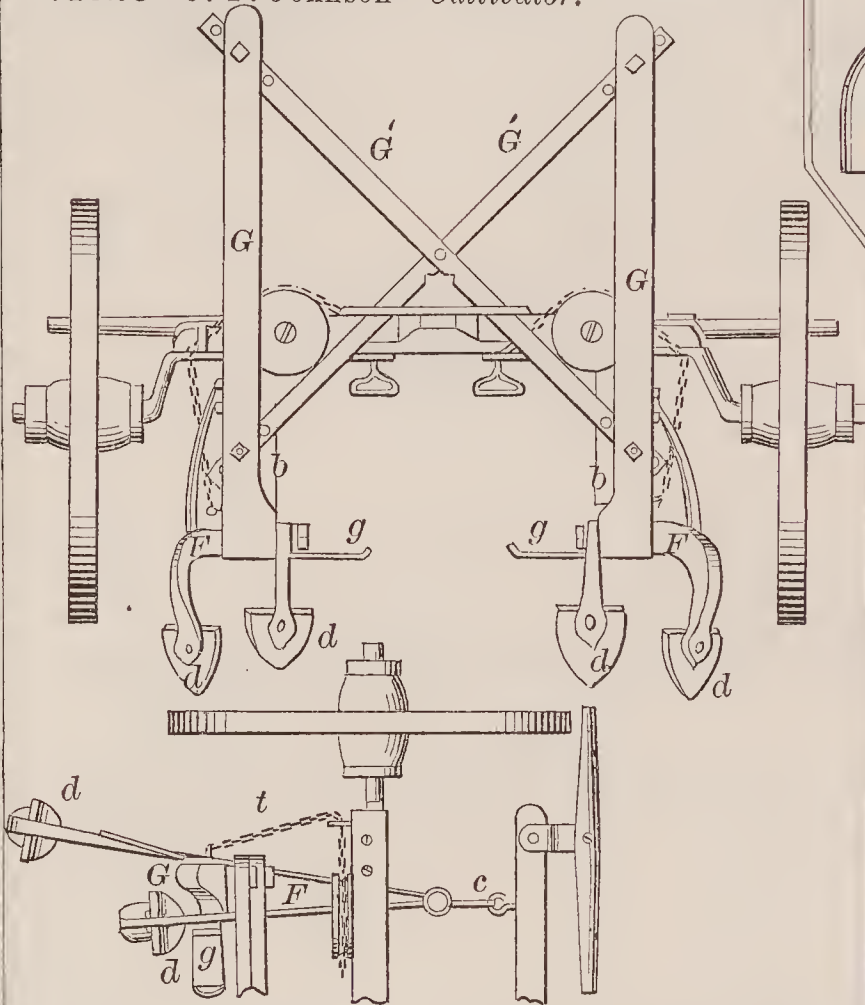
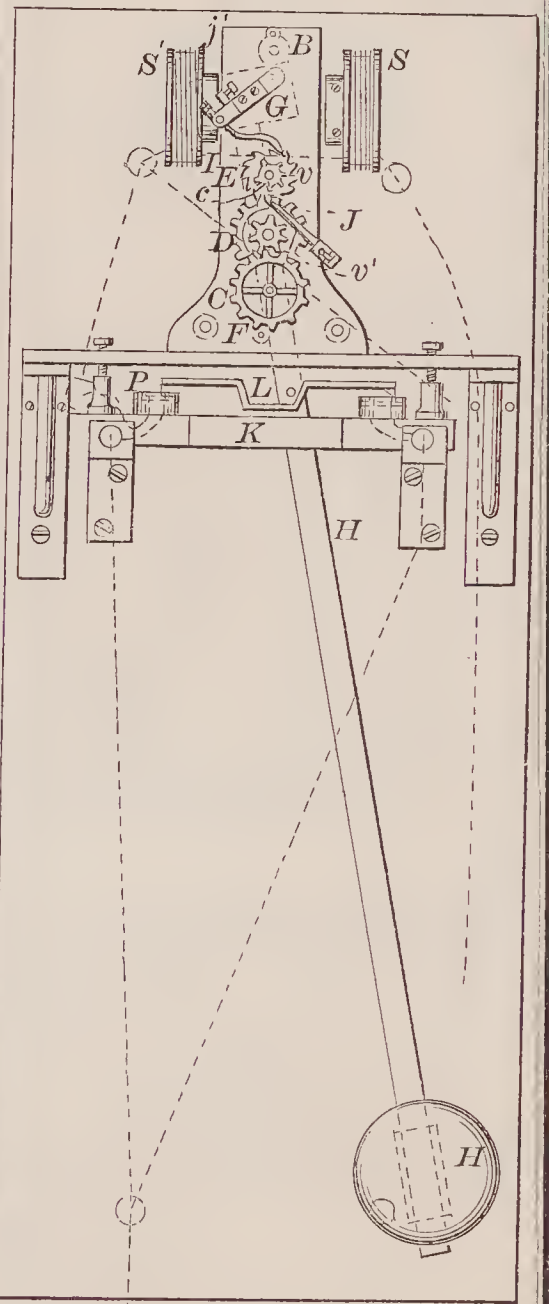
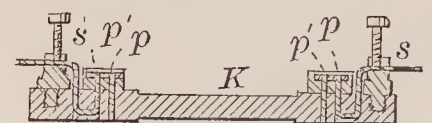
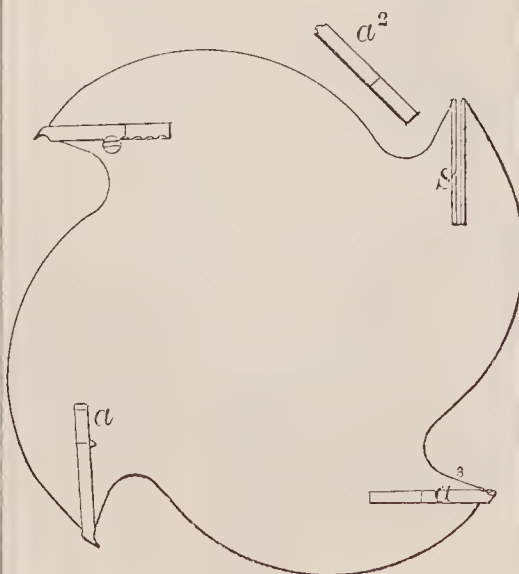
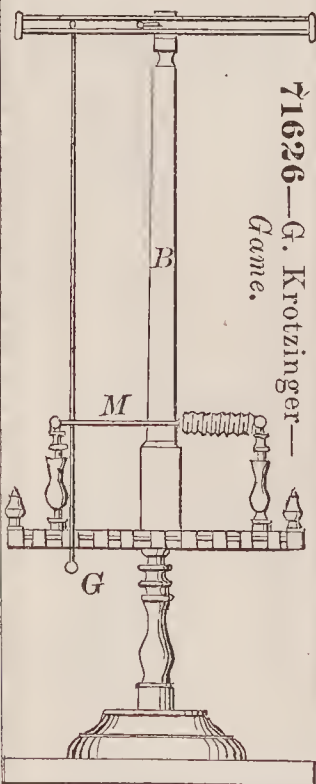


71616—L. Hillebrand—Door Spring.

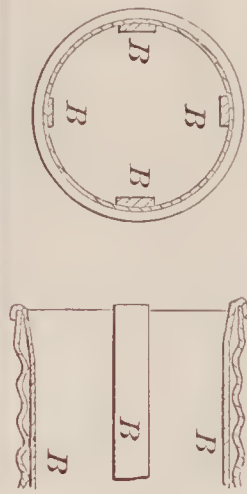


71613—W. H. Hawkins—Carriage Curtain Knob.

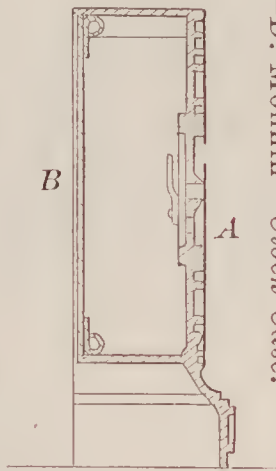


71619—F. Huot—*Treating Petroleum.*71621—J. Jenkinson—*Chalk Holder for Billiard Cues.*71622—Johnson & Milliken—*Faucet Attachment.*71623—J. P. Johnson—*Cultivator.*71624—Kennedy, Holt & Gerlach—*Electric Clock.*71625—J. L. Krauser—*Saw.*71626—G. Krotzinger—*Game.*

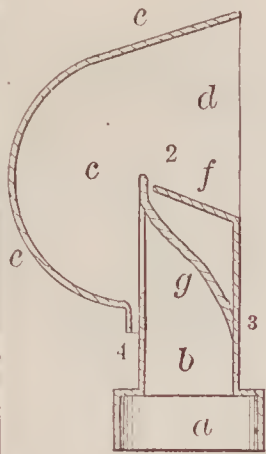
71632—G. R. Moore—*Corrugated Sheet Metal Boiler.*



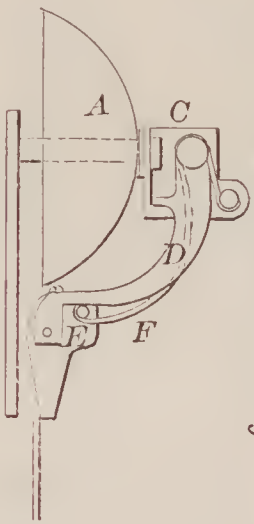
71631—D. Monnin—*Closet Case.*



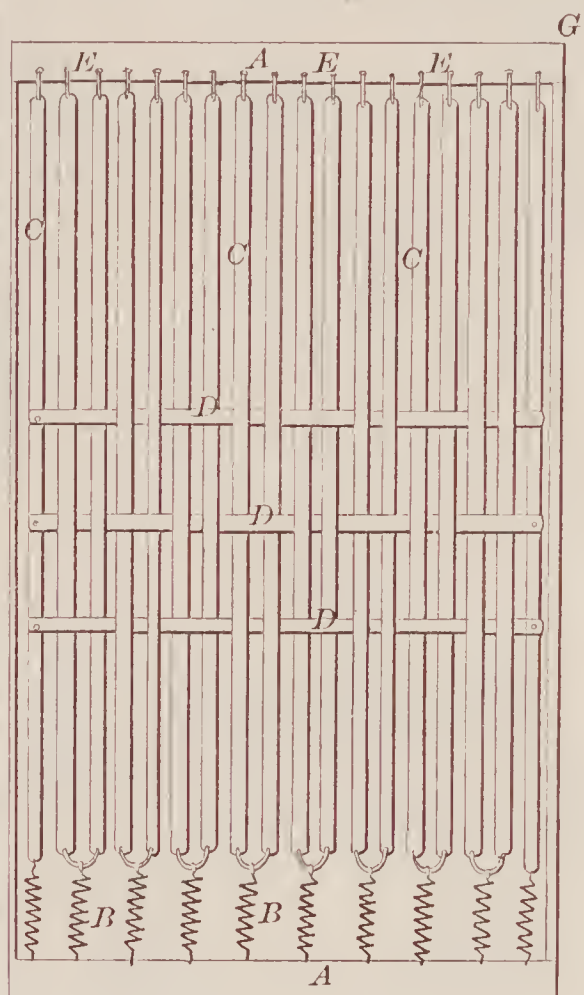
71630—B. F. Miller—*Ventilating Cowl.*



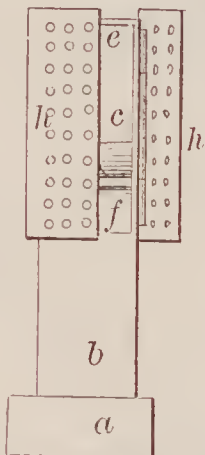
71627—D. Liebrich—*Door Gong.*



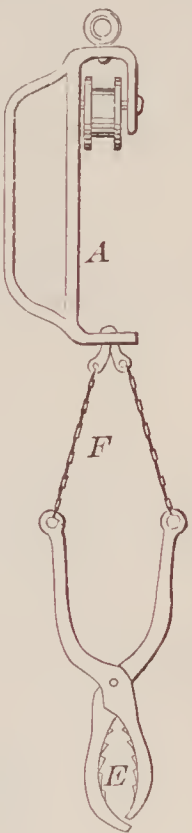
71634—B. J. Oleff—*Spring Bed Bottom.*



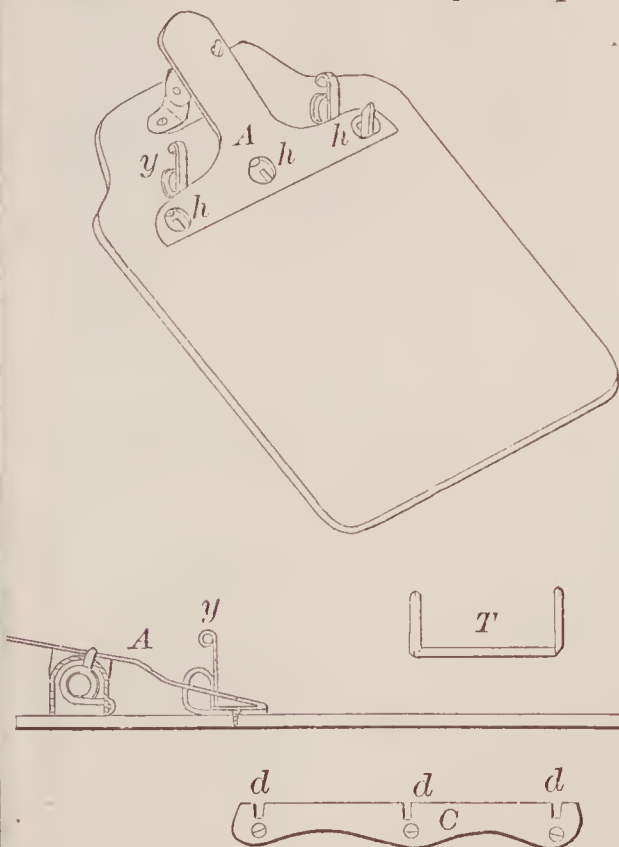
71633—Newcomb & Lyon—*Cartridge Box.*



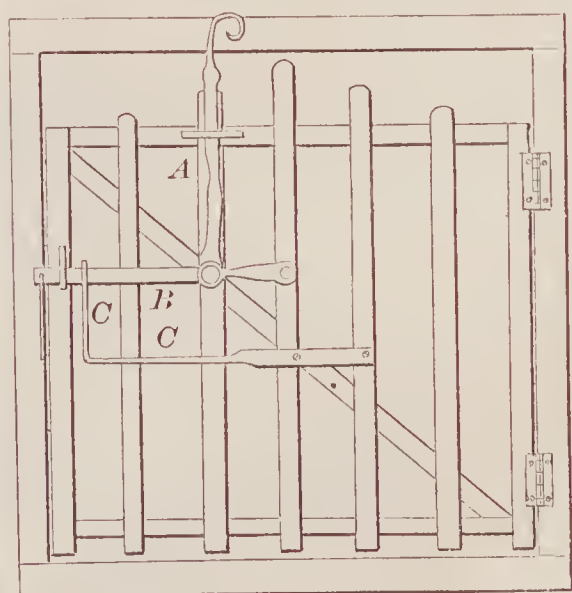
71628—J. K. Martin—*For Hoisting Hogs in Slaughter Houses.*



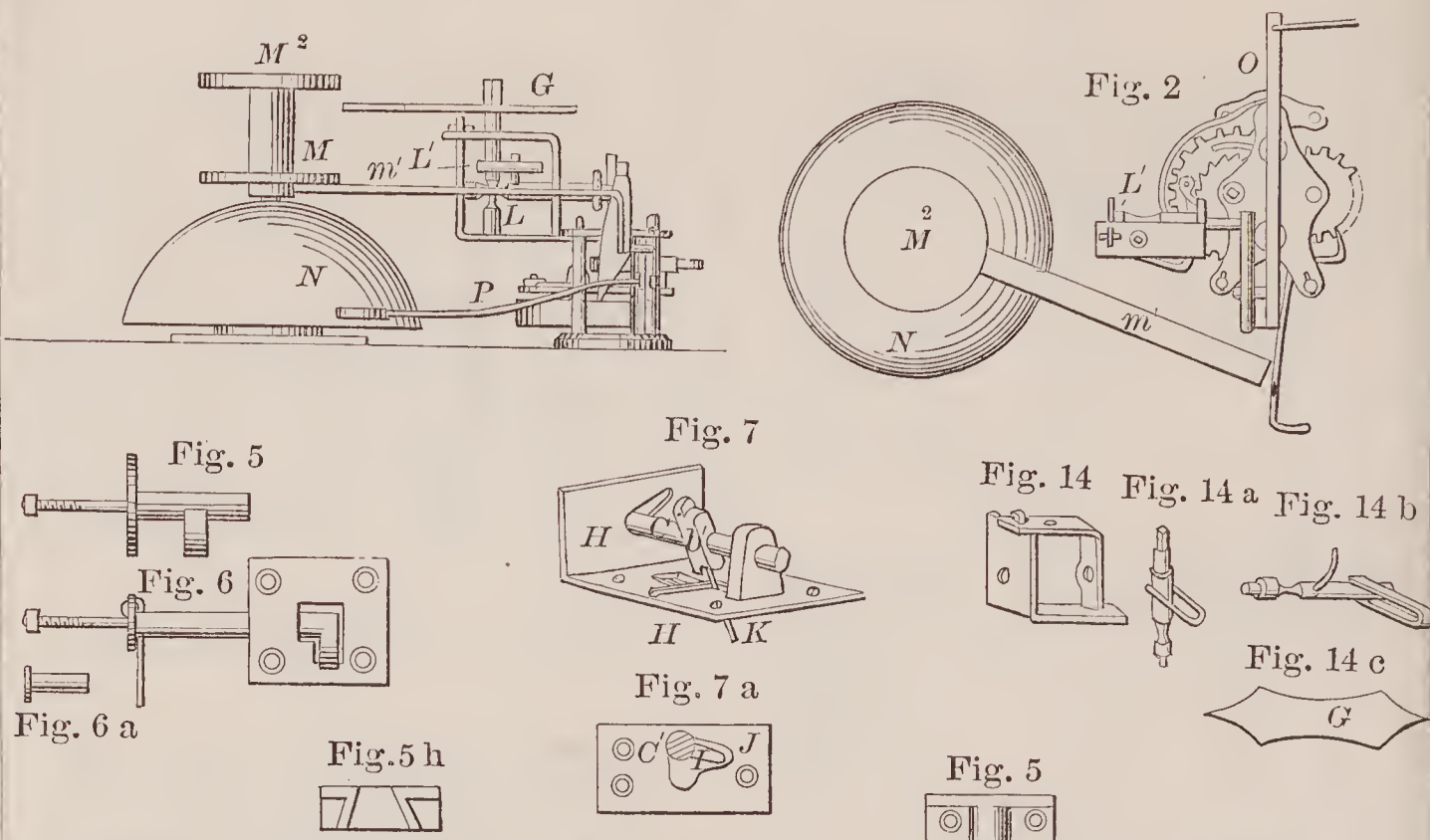
71635—J. H. Parsons—*Paper Clip.*



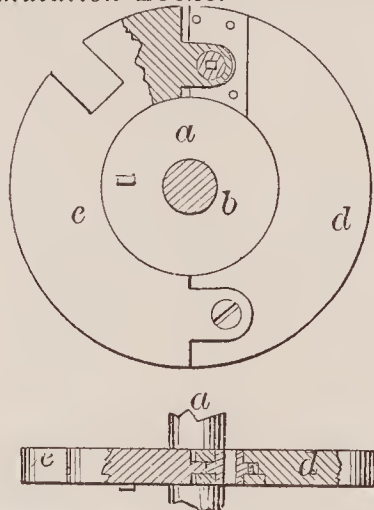
71636—E. Pea—*Gate Fastening.*



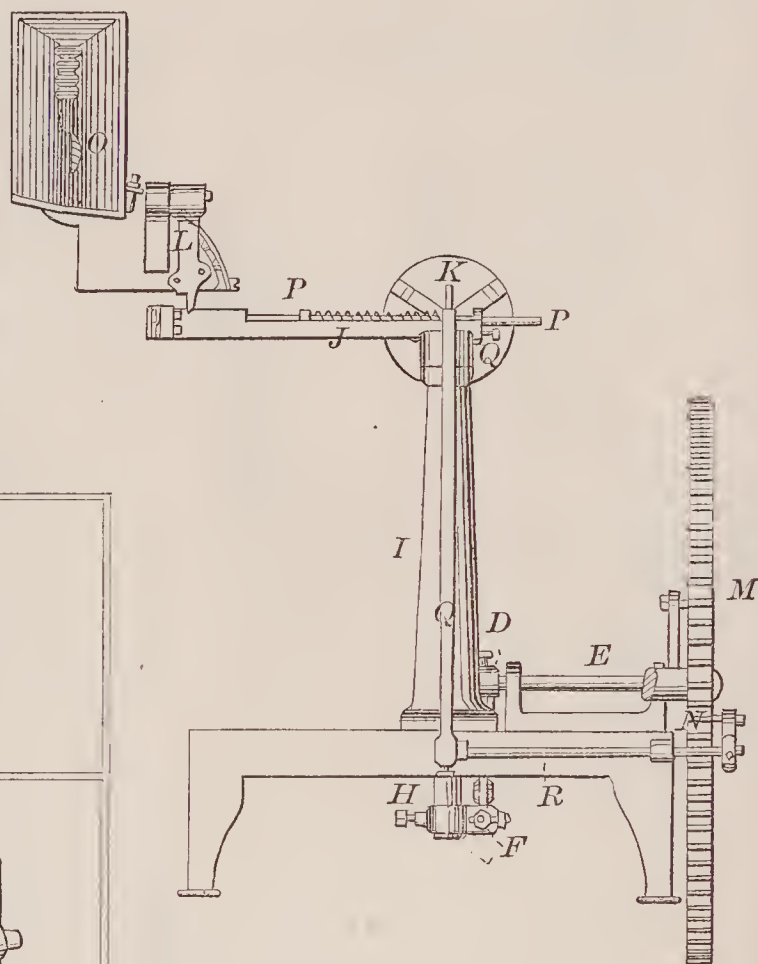
71637—C. E. Pierce—*Burglar Alarm.*



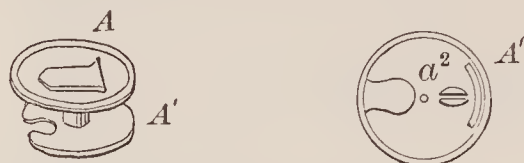
71640—J. H. Porter—*Tumbler for Permutation Locks.*



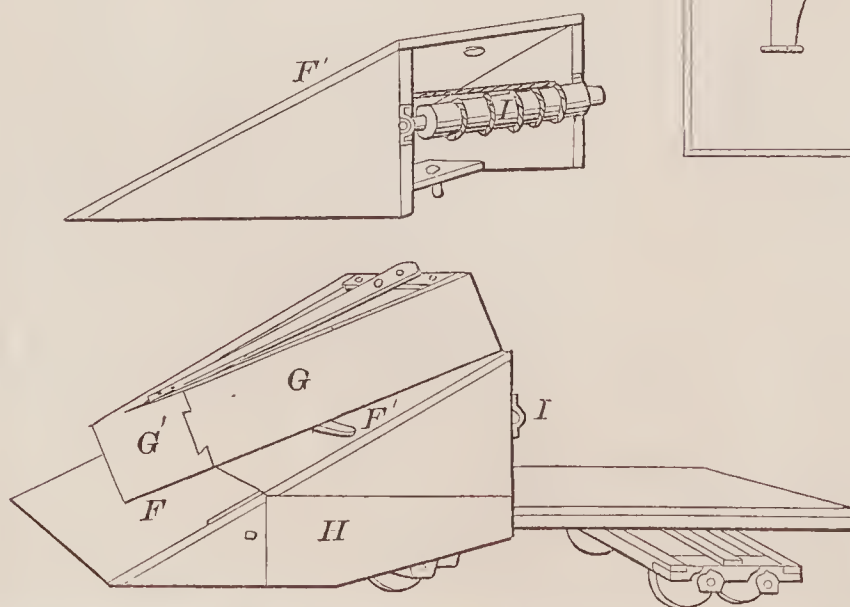
71638—E. S. Pierce—*For Feeding Screw Blanks.*



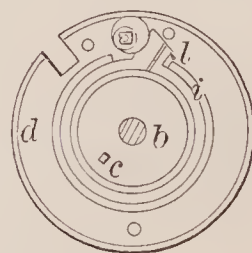
71641—H. Prouhet—*Button.*



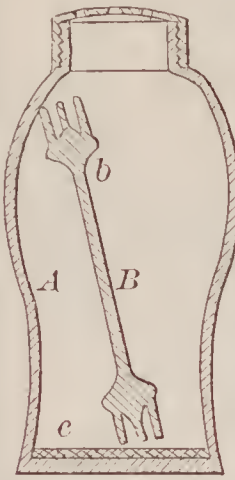
71642—S. Richards—*Snow Plow.*



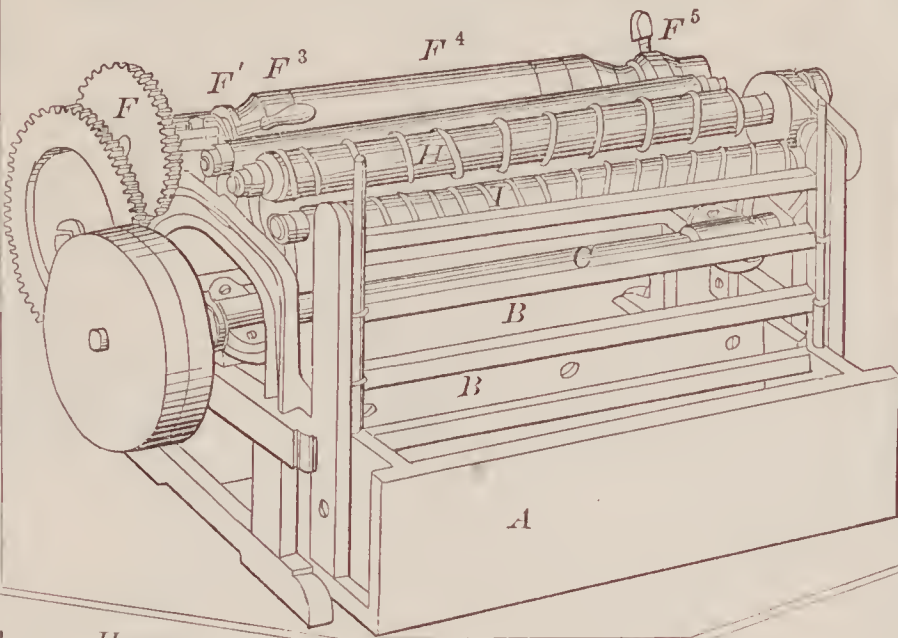
71639—O. E. Pillard—*Tumbler for Permutation Locks.*



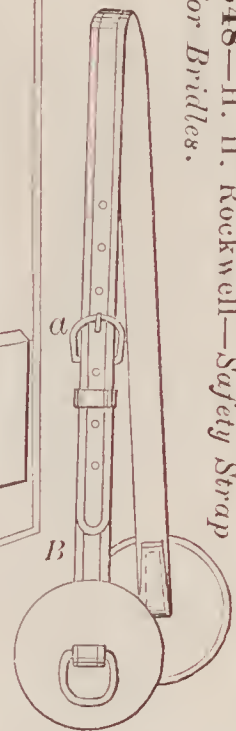
71643—G. B. Richardson—Salt Bottle.



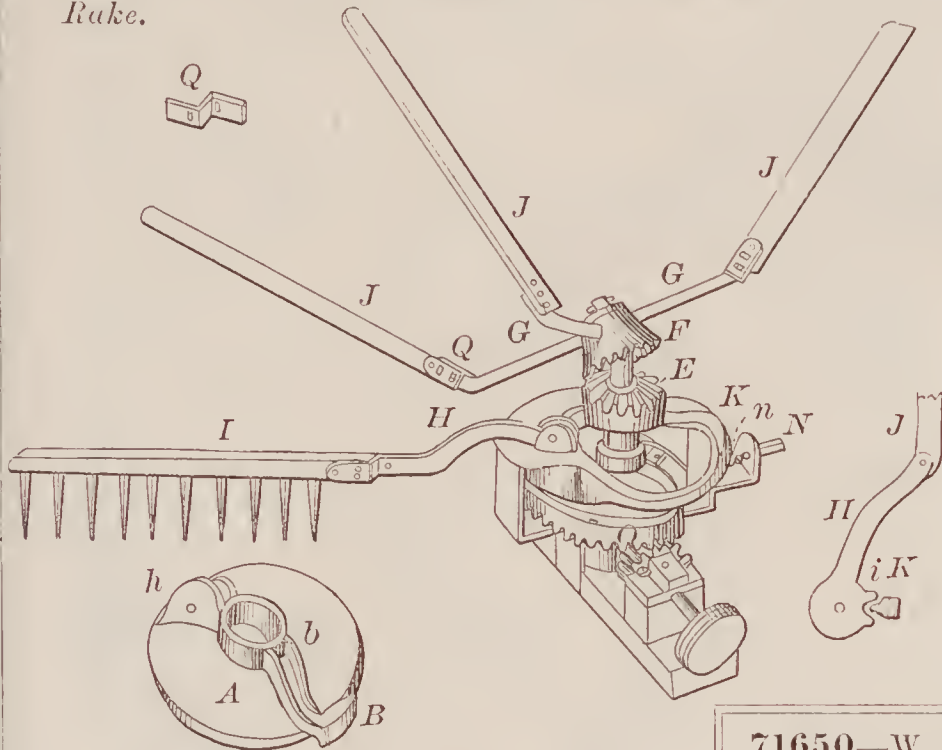
71647—H. P. Roche—For Stretching Cloth.



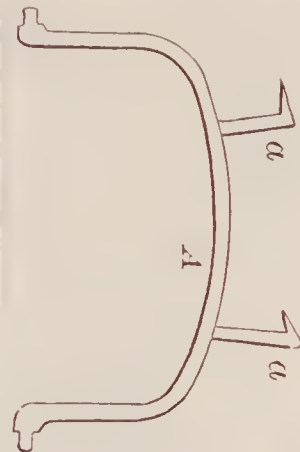
71648—H. H. Rockwell—Safety Strap for Bridles.



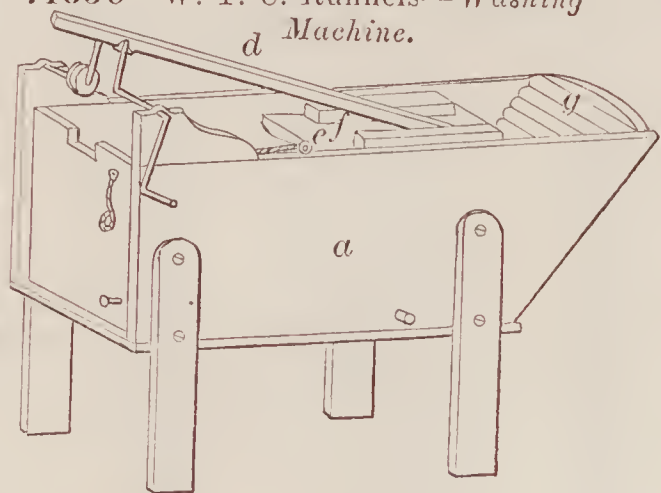
71649—J. L. Rohrer—Harvester Rake.



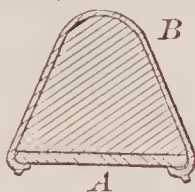
71644—W. Richter—Steel Trap.



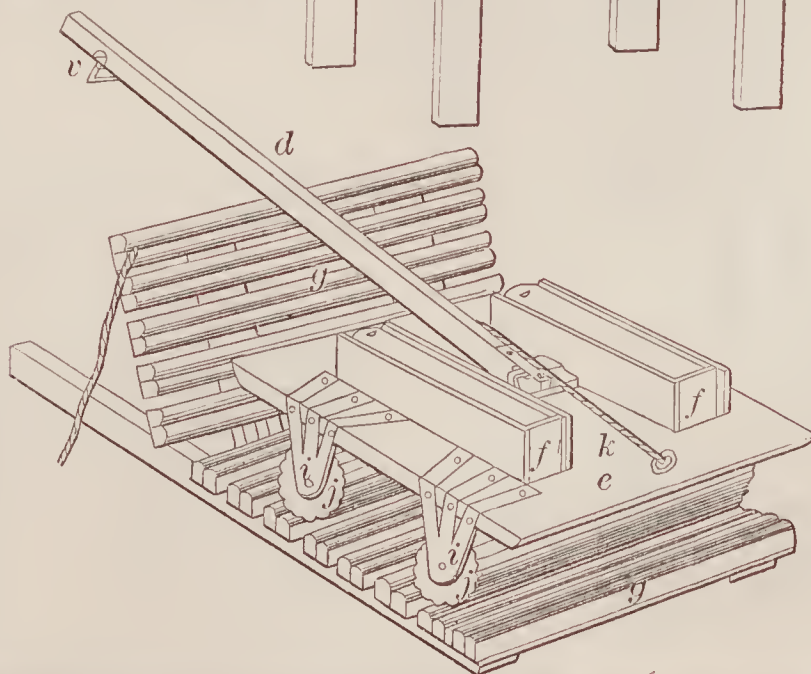
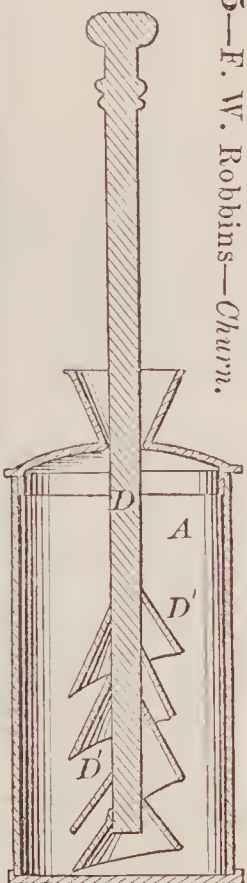
71650—W. T. C. Runnels—Washing Machine.

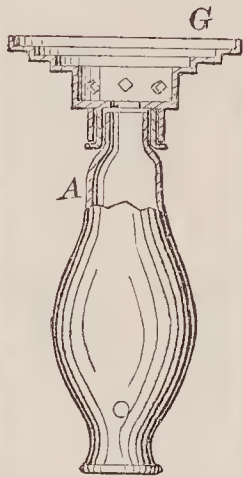
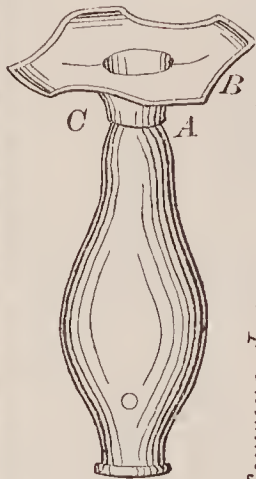
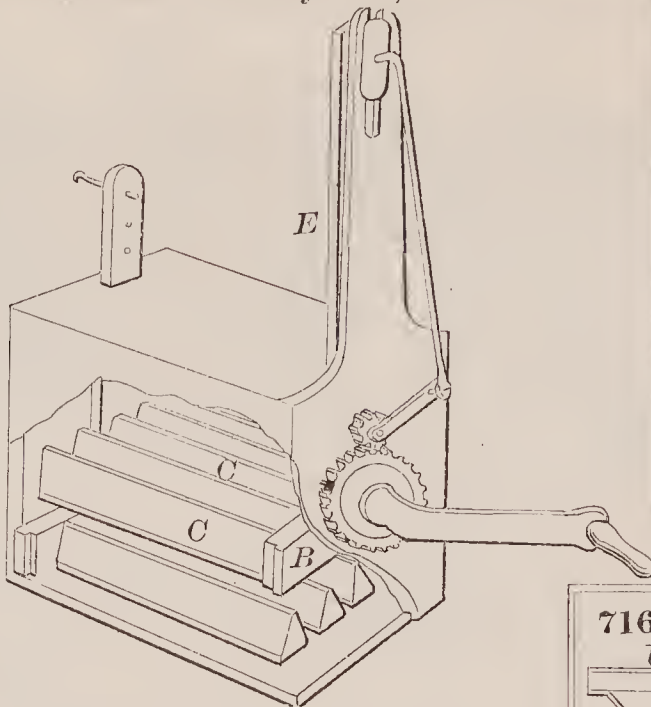
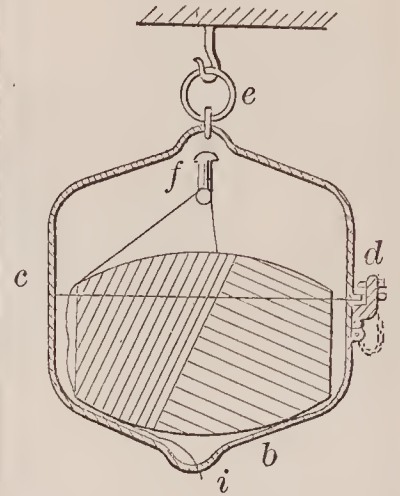
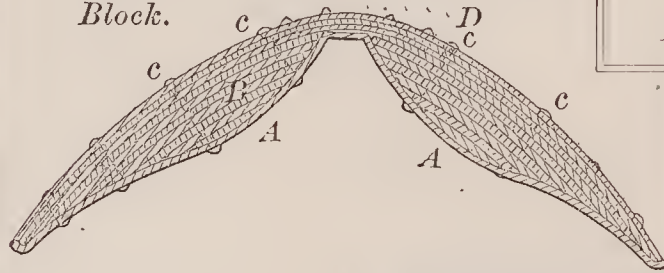
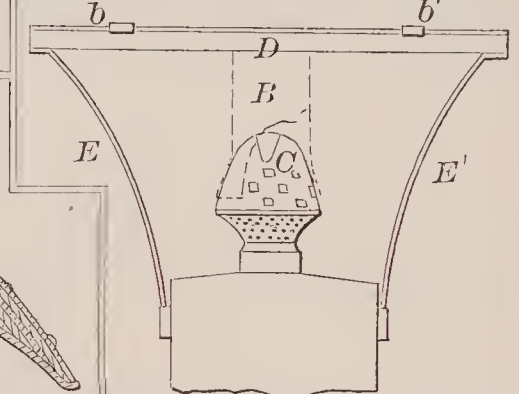
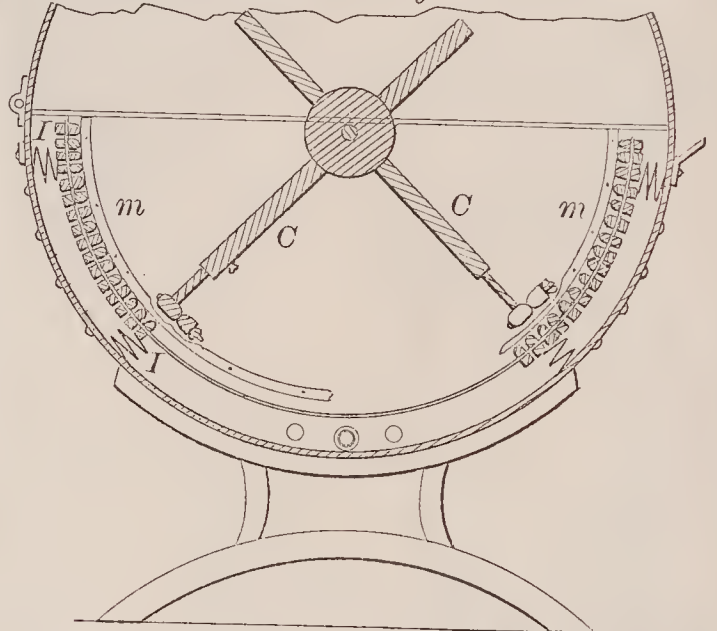
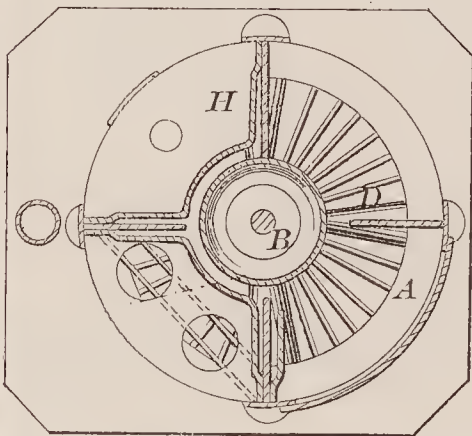
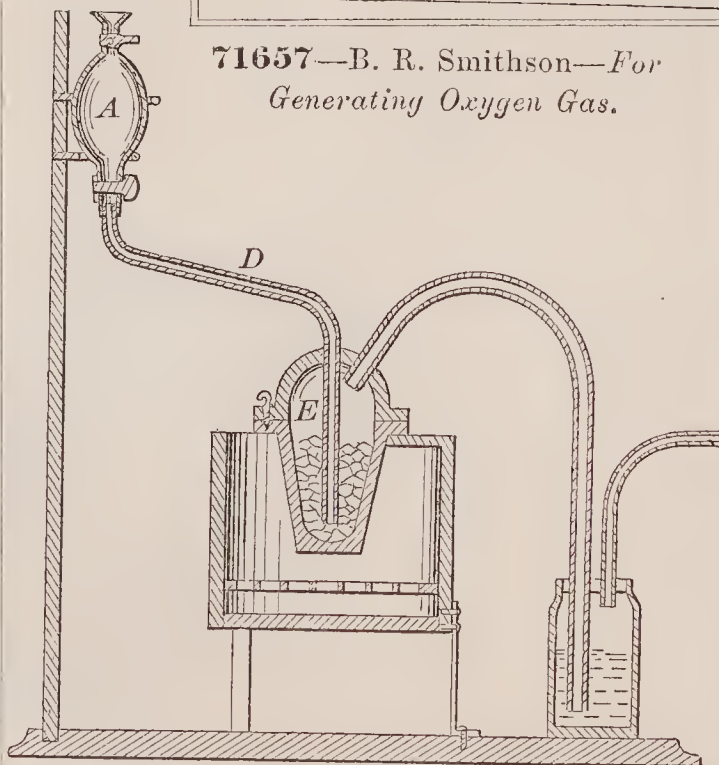


71646—Robinson & Lovejoy—Lasting Shoe.

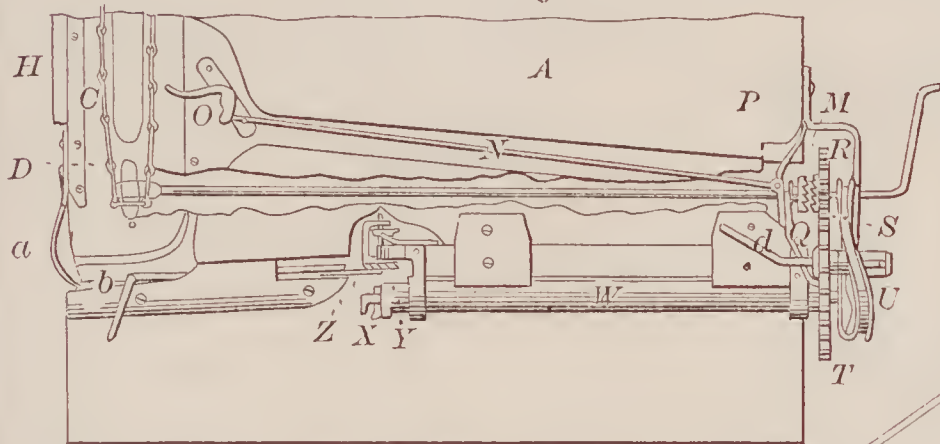
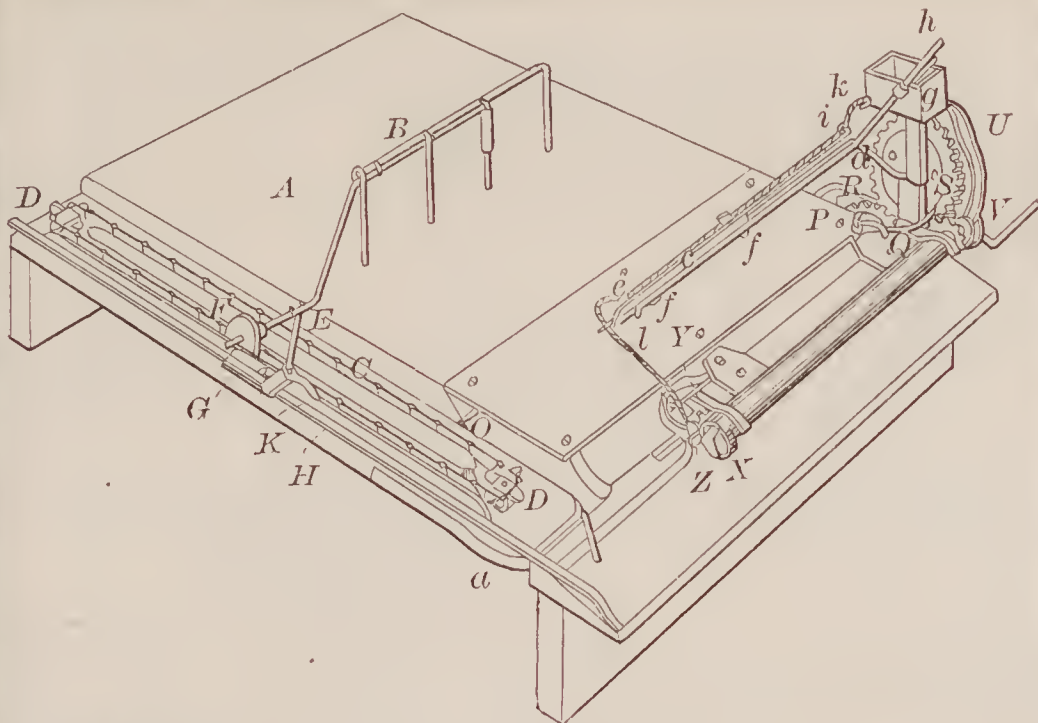


71645—F. W. Robbins—Churn.

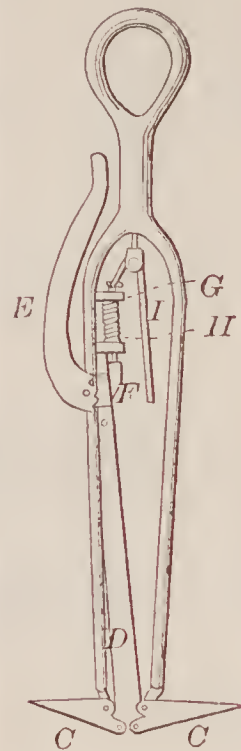


71651—E. O. Schartan—*Lamp Chimney.*71652—A. M. Seymour, Jr.—*Churn.*71655—R. L. Smith—*Twine Holder.*71653—P. Shaw—*Harness Pad Block.*71658—J. M. Sporer—*Lamp.*71656—T. Smith—*Washing Machine.*71659—S. B. Stewart—*Stove Grate.*71657—B. R. Smithson—*For Generating Oxygen Gas.*71654—C. E. Simmons—*Bed Bottom.*

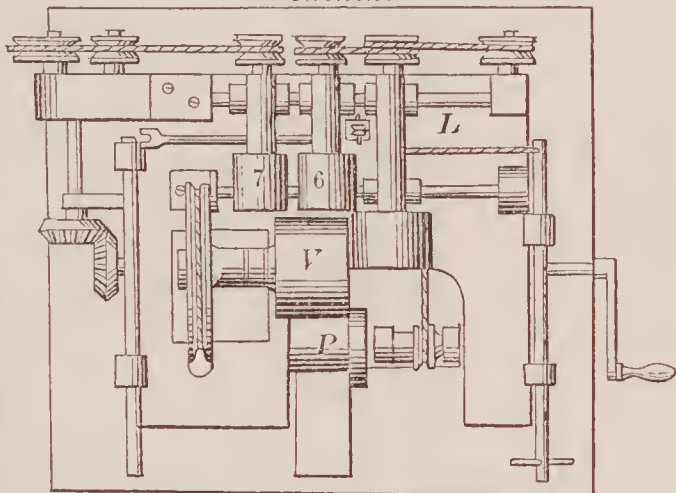
71660—O. O. Storle—*Grain Binder.*



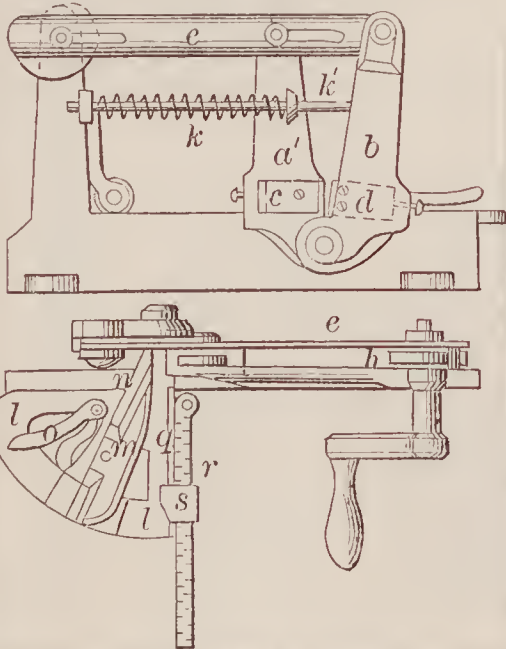
71661—Stouffer, Heaton & Bushong—*Horse Hay Fork.*



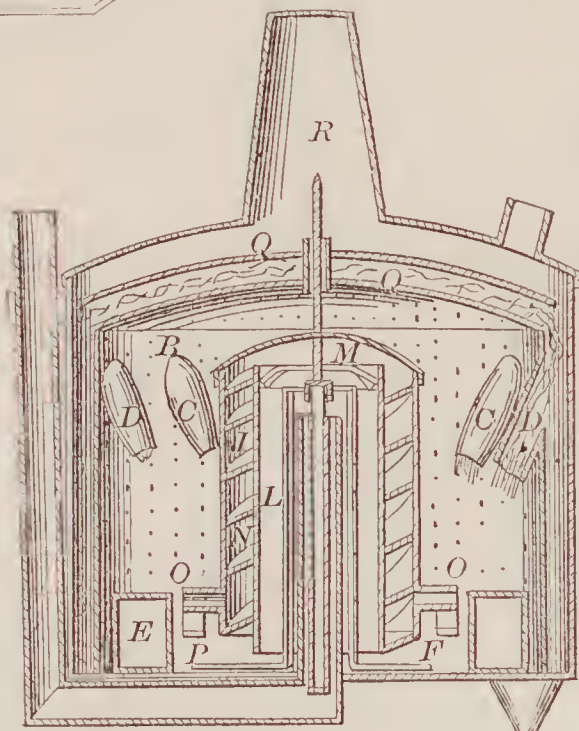
71662—Stout & Richardson—*Hat Ironing Machine.*



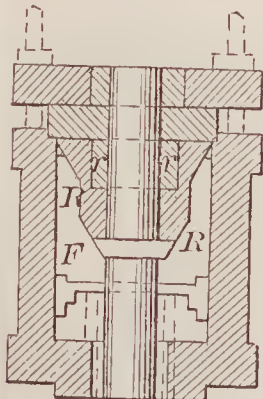
71668—R. Walker—*For Cutting and Mitering Printers' Rules.*



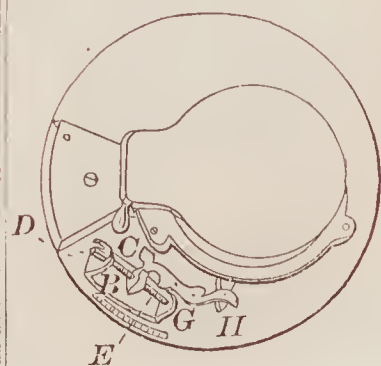
71665—Thompson & Hall—*Carburetted Apparatus.*

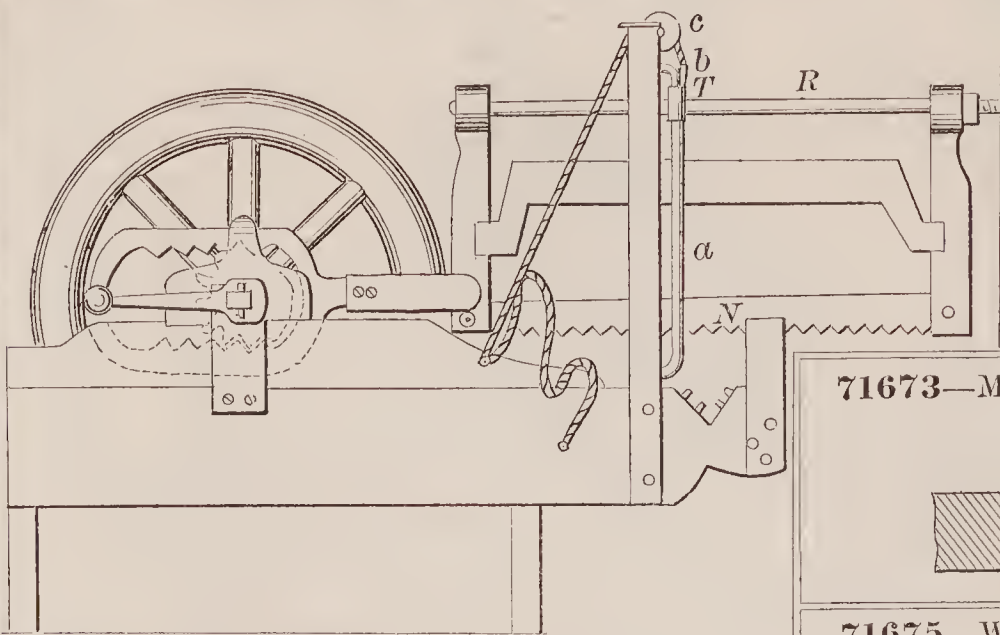
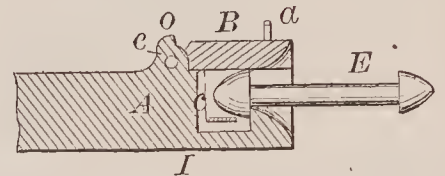
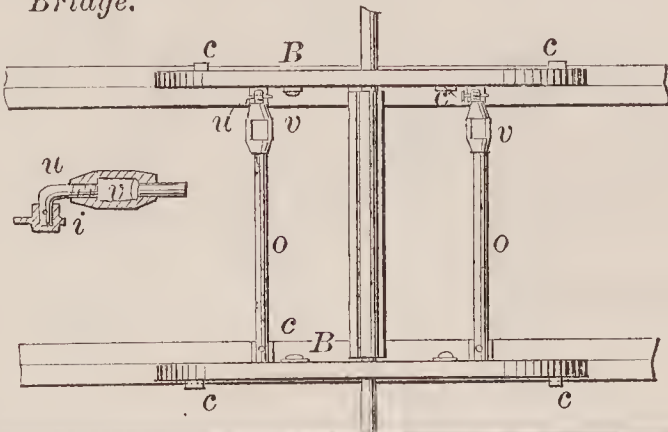
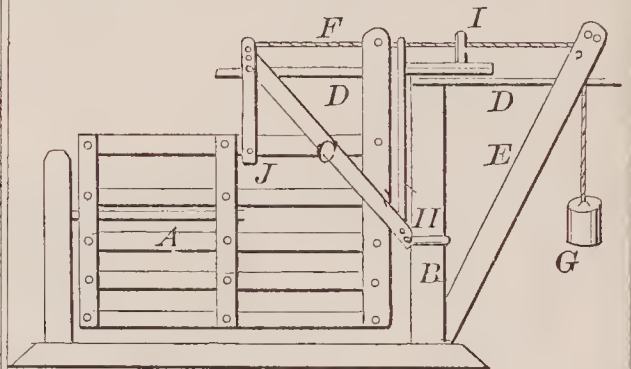
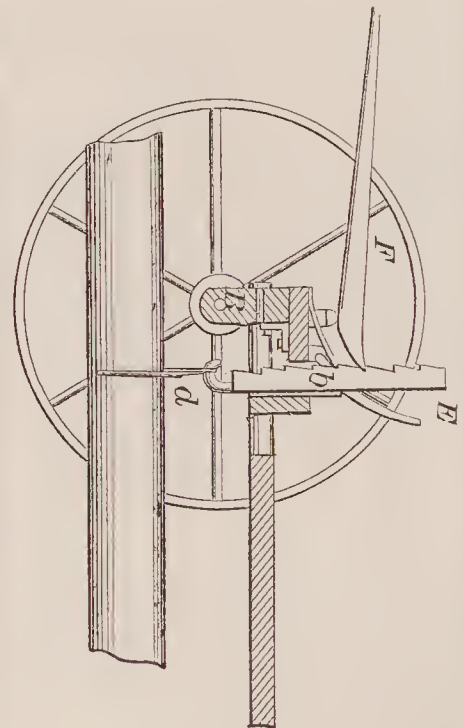
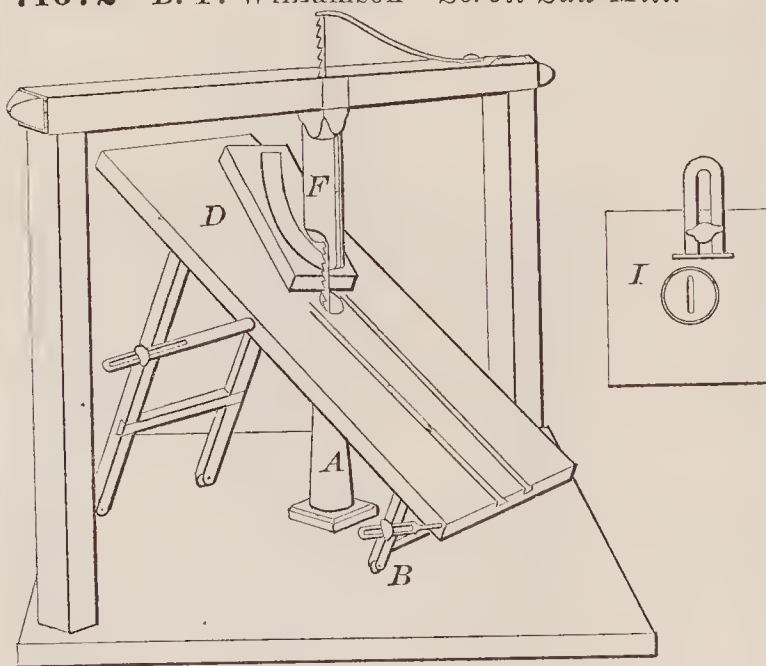
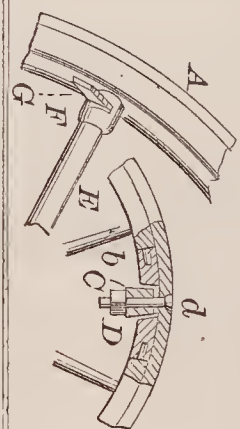
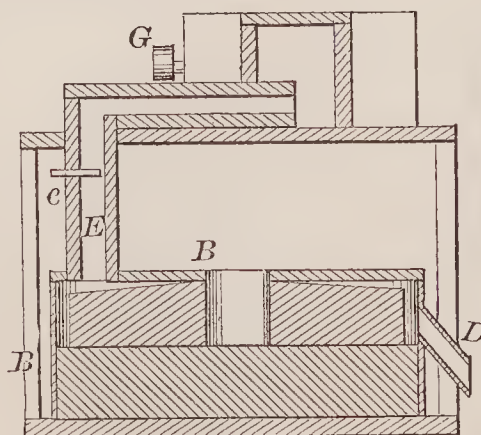
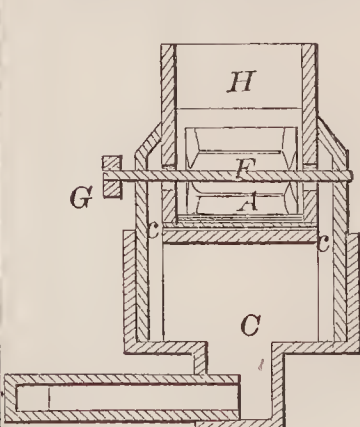


71664—C. M. Templeton—*Stuffing-Box Packing.*

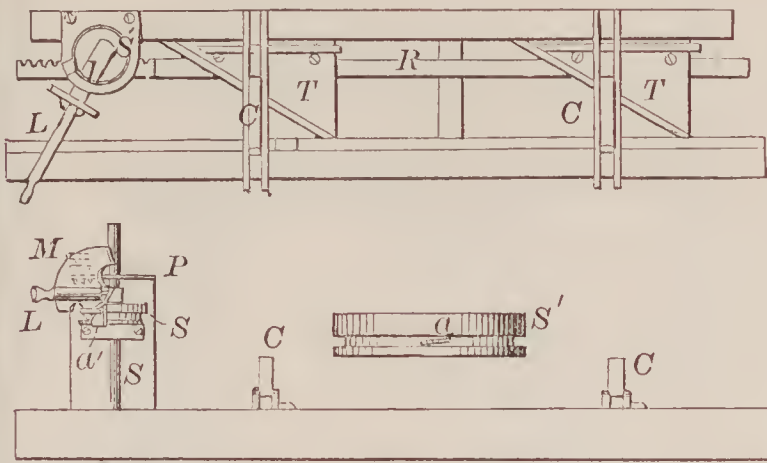


71666—H. Todd—*Regulating Watch.*

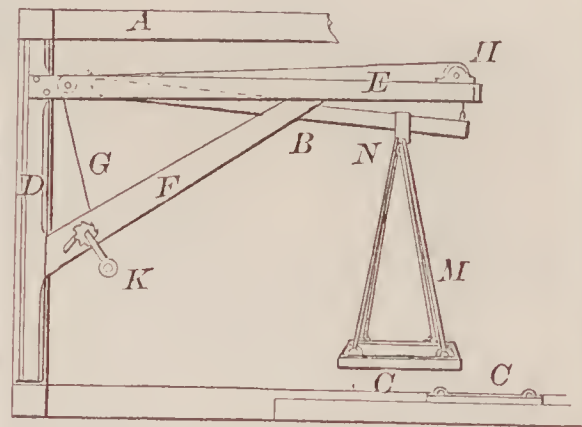


71669—Werni & De Bare—*Sawing Machine.*71670—J. Whitworth—*Cutter Head for Mouldings.*71673—M. K. Adams—*Car Coupling.*71671—Wilkinson & Beggs—*Portable Hose Bridge.*71675—W. J. Alexander—*Gate.*71672—B. F. Williamson—*Scroll Saw Mill.*71674—N. Albertson—*Hoisting Device for Trucks.*71677—D. Baird—*Exhaust for Mill Stones.*71676—J. M. Bailey—*Wheel.*

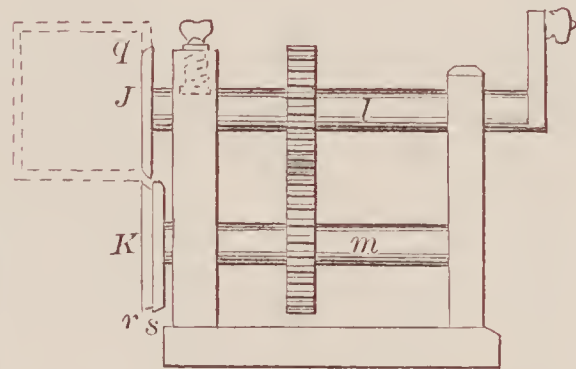
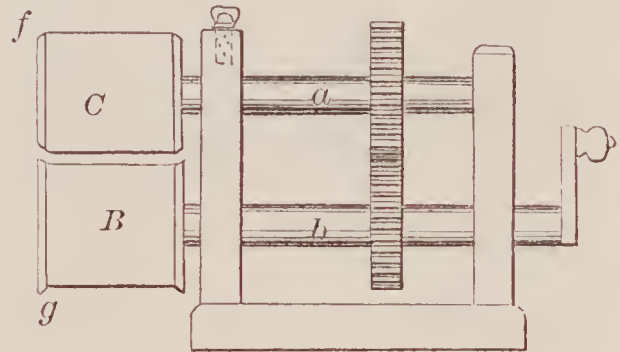
71678--T. C. Ball--*Head Block for Saw Mills*



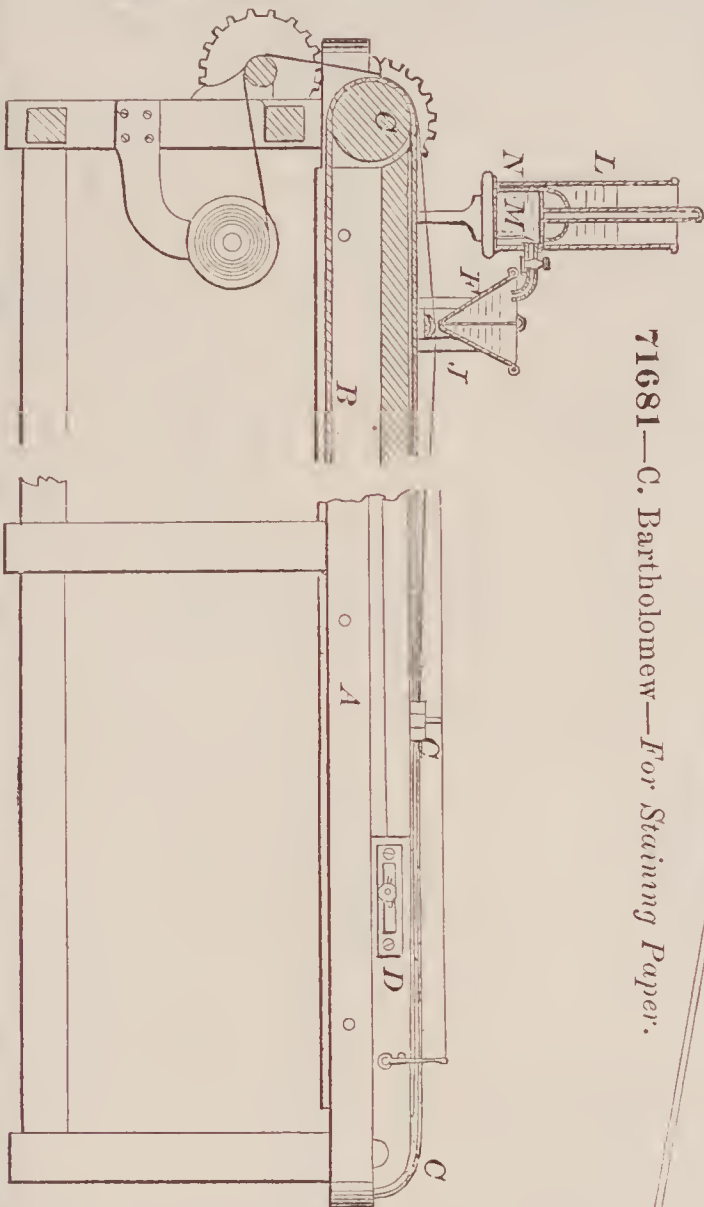
71682--A. S. Batten--*Crane*.



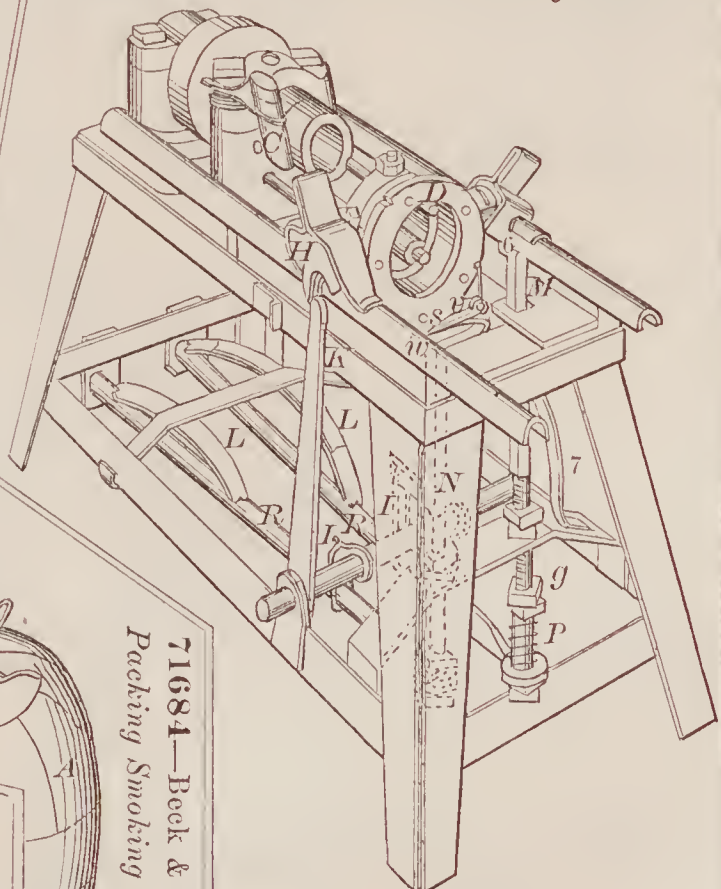
71680--C. Barry--*For Making Tin Cans*.



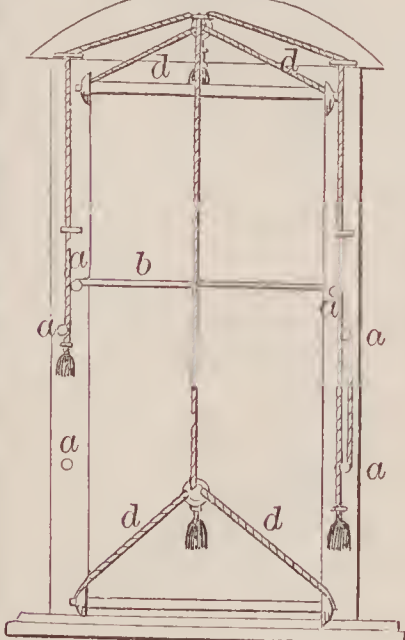
71681--C. Bartholomew--*For Staining Paper*.



71683--P. D. Beach--*For Boring Bobbins*.

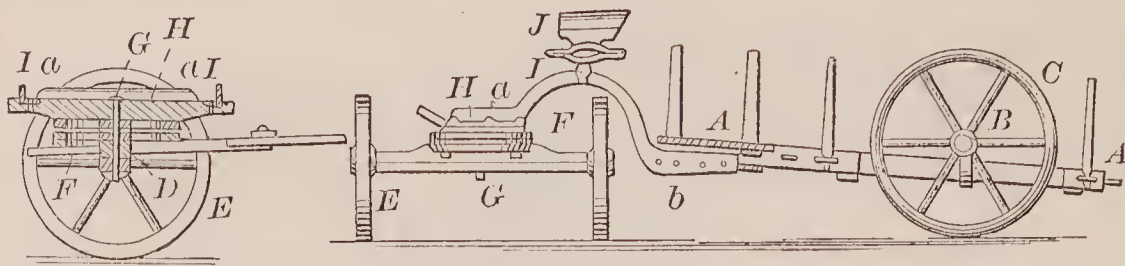
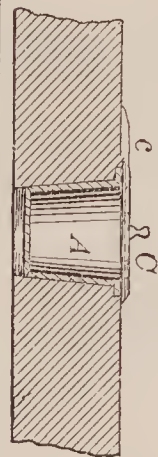
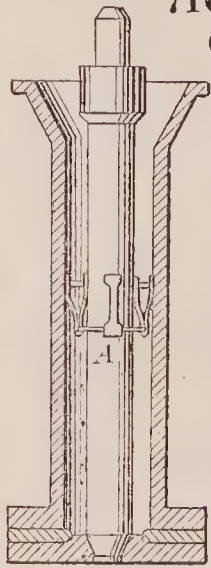
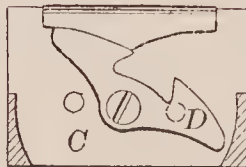
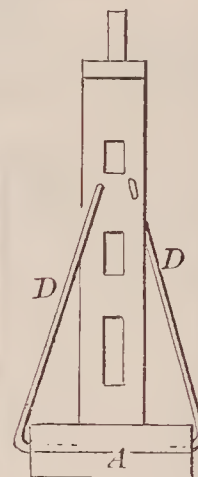
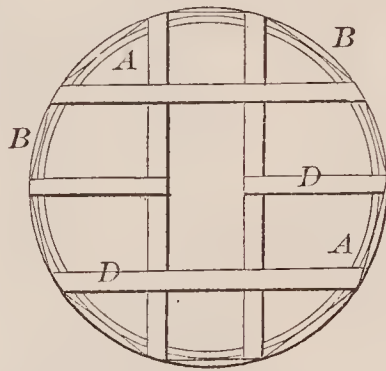
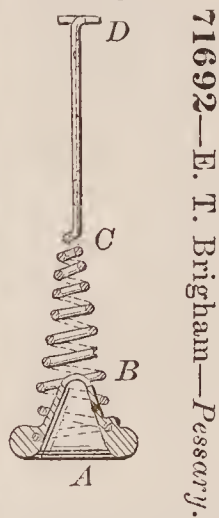
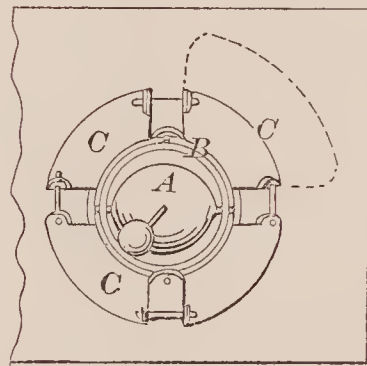
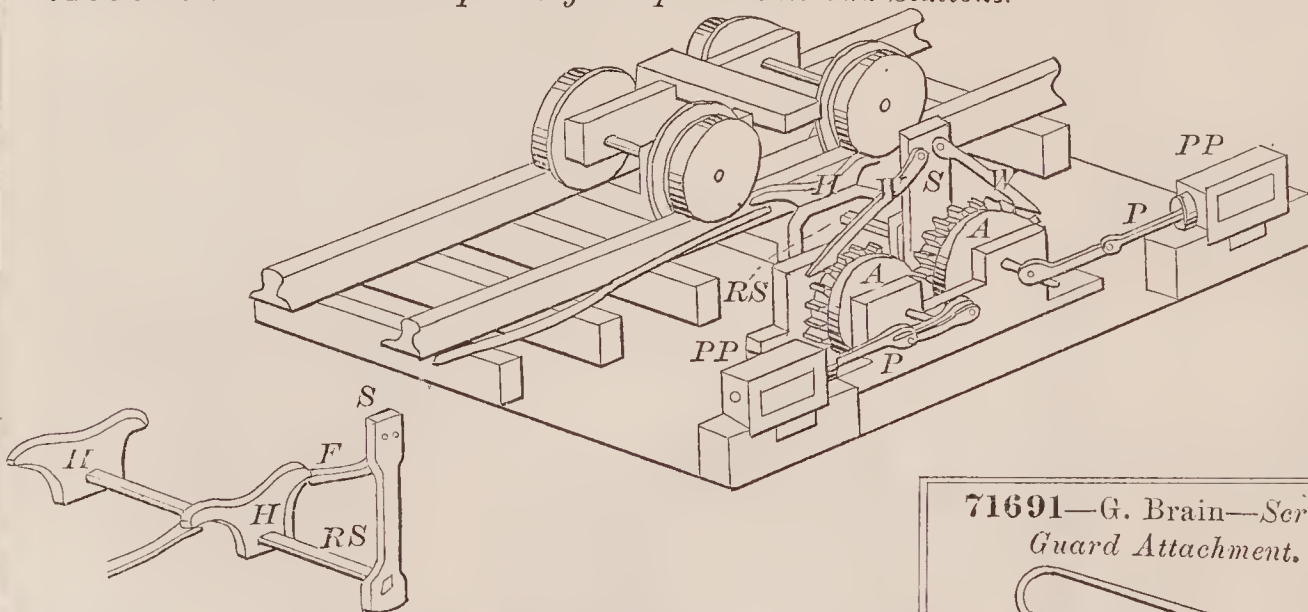
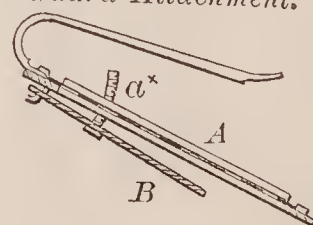


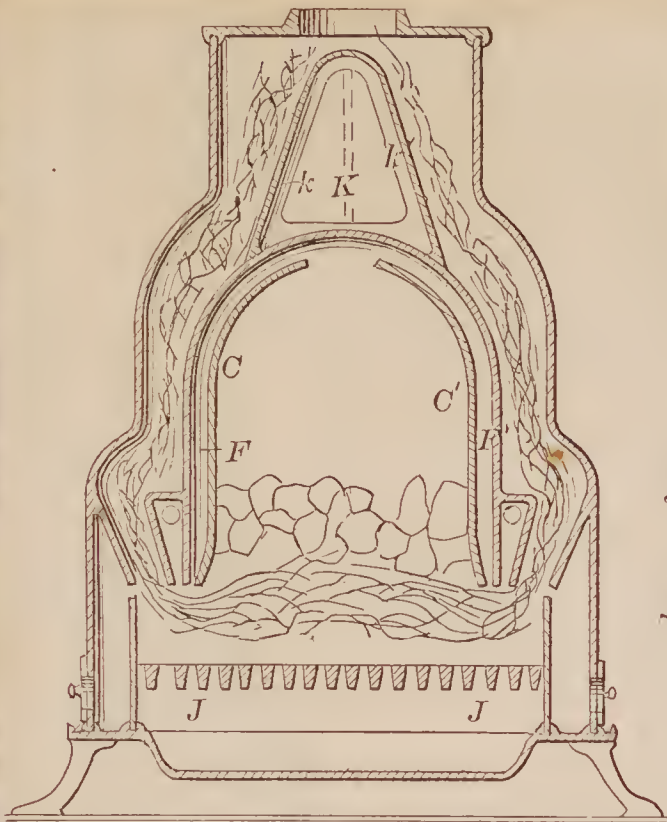
71679--A. P. Barlow--*Curtain Fixture*.



71684--Beck & Siebert--*Packing Smoking Tobacco*.

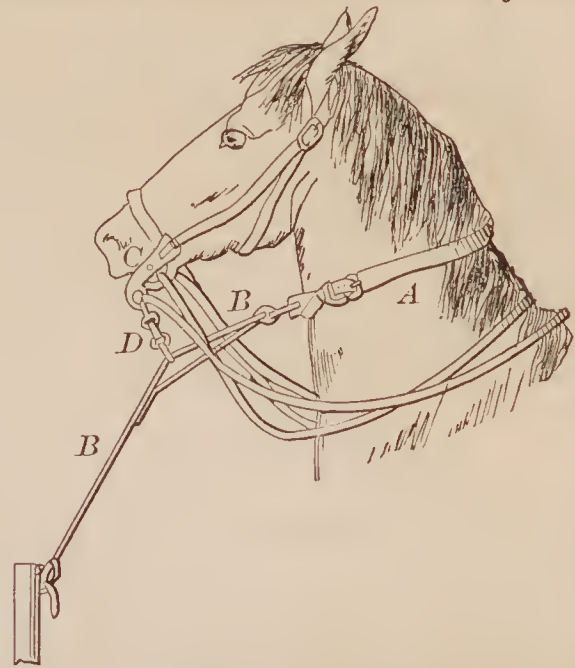


71685—W. P. F. Beggs—*Truck.*71686—T. Bell—*Ink Well.*71687—B. S. Benson—*Casting Metal Pipe.*71688—S. C. Bishop—*Insulating Covering for Telegraph Wires.*71694—J. Bull—*Gate Fastening.*71697—L. Castaine—*Fence.*71690—M. Bradley—*Preventing the Heating of Mill Burrs.*71693—G. W. Brown—*Animal Trap.*71692—E. T. Brigham—*Pessary.*71695—H. H. Call—*For Operating Pumps on Railroad Stations.*71696—G. C. Carver—*Egg Beater.*71691—G. Brain—*Screen Guard Attachment.*

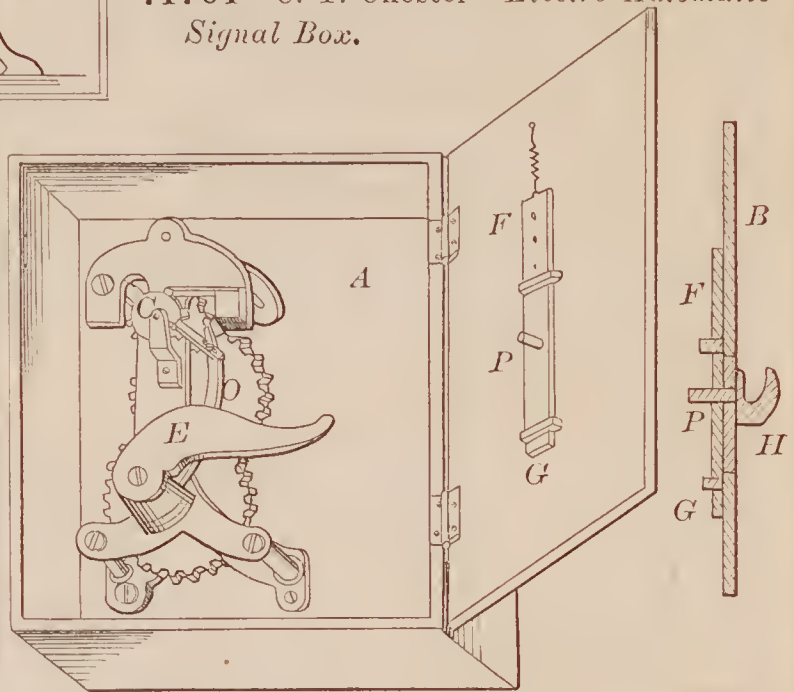


71698—Chamberlain & Crowley—Fireplace.

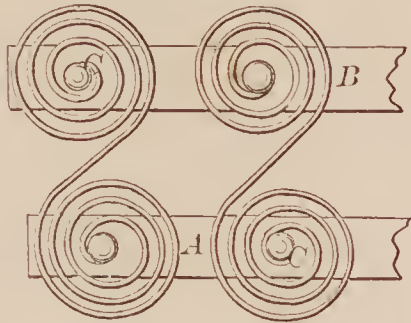
71999—T. P. Chambers—Hitching Strap.



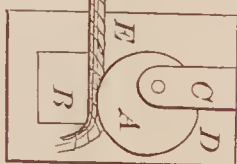
71701—C. T. Chester—Electro Automatic Signal Box.



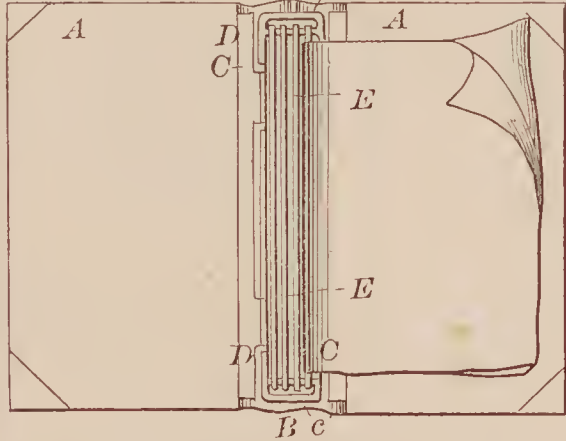
71700—D. G. Chapin—Bed Bottom.



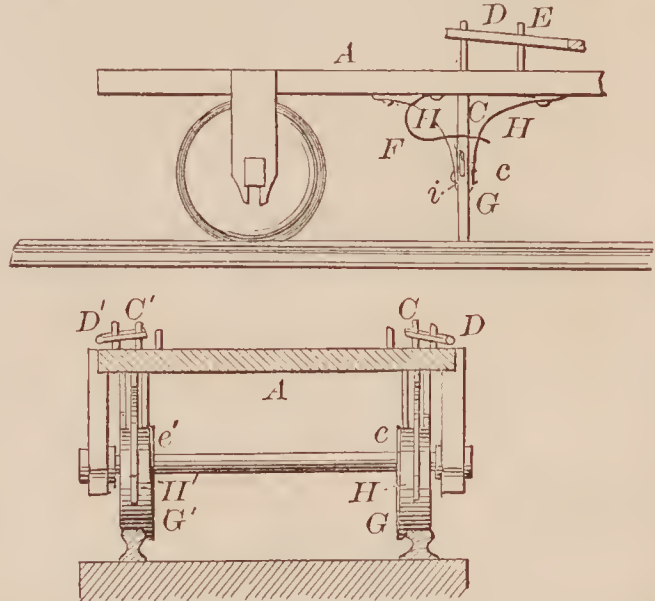
71702—S. J. Clark—Line Holder.



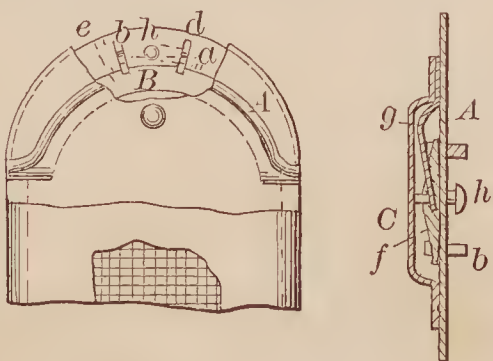
71703—J. C. Clark—Temporary Binder for Music, &c.



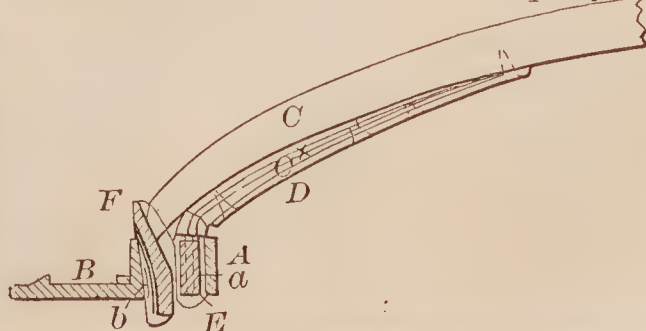
71704—Cogan & Russell—Track Clearer.



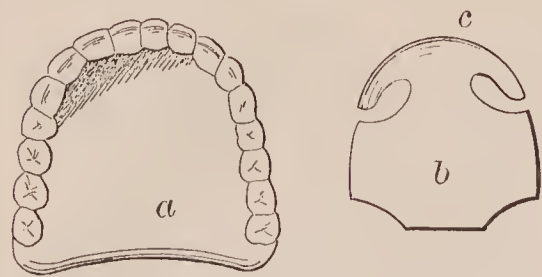
71706—J. Cotton—Safety Pocket.



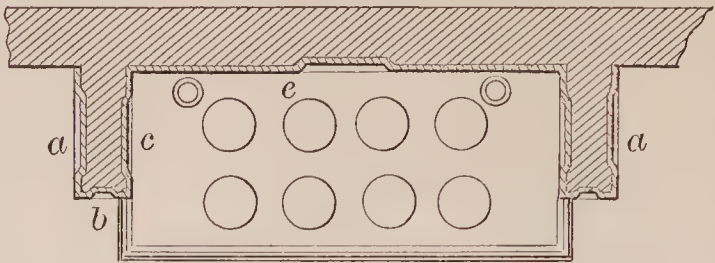
71705—J. P. Collins—Thill Coupling.



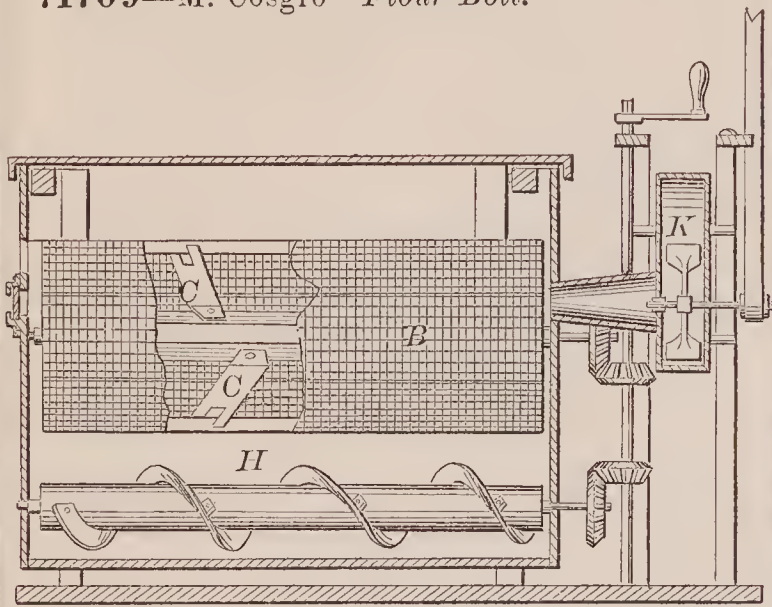
71707—G. W. Cool—*Dental Substitute.*



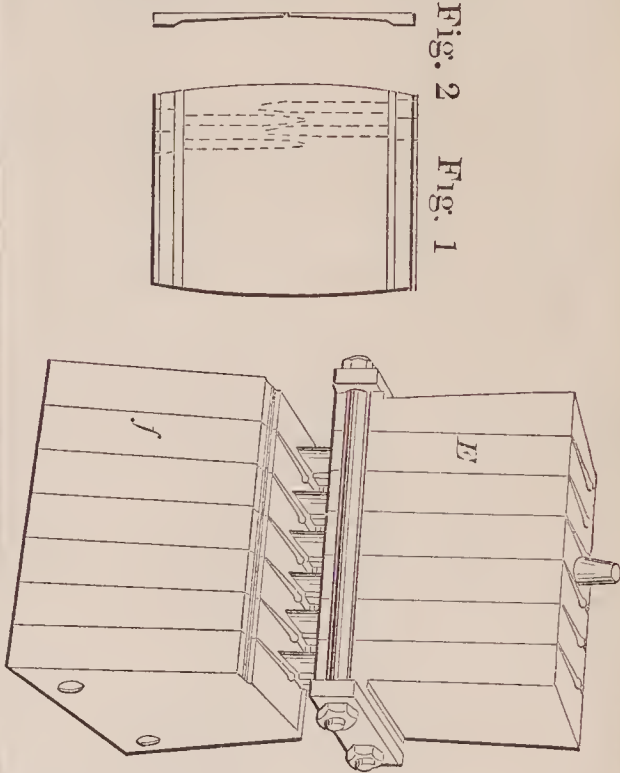
71708—J. Correja—*Fire Frame for Chimneys.*



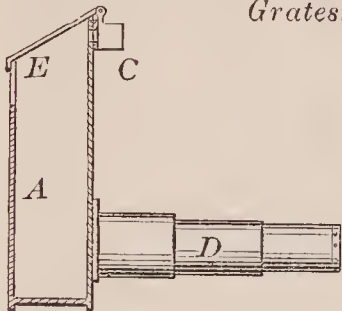
71709—M. Cosgro—*Flour Bolt.*



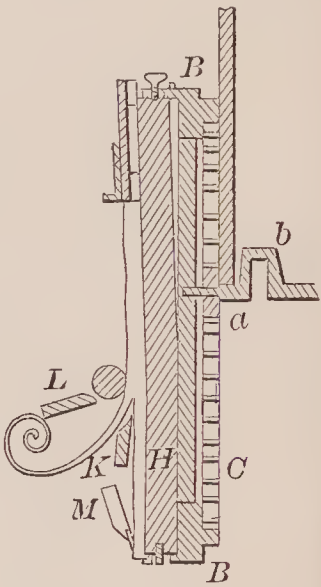
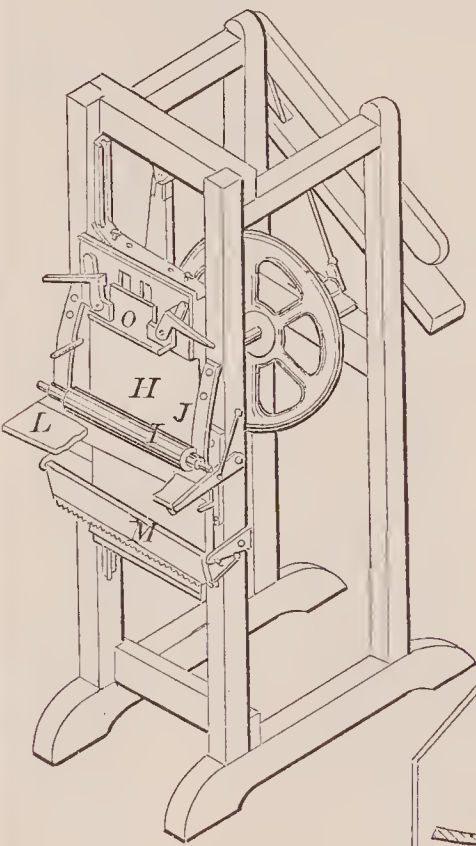
71710—H. D. Cowles—*Horse Shoe Nail.*



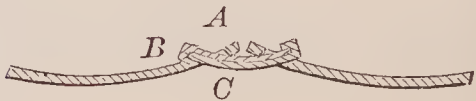
71711—J. M. Crockett—*Ventilating Device for Grates.*



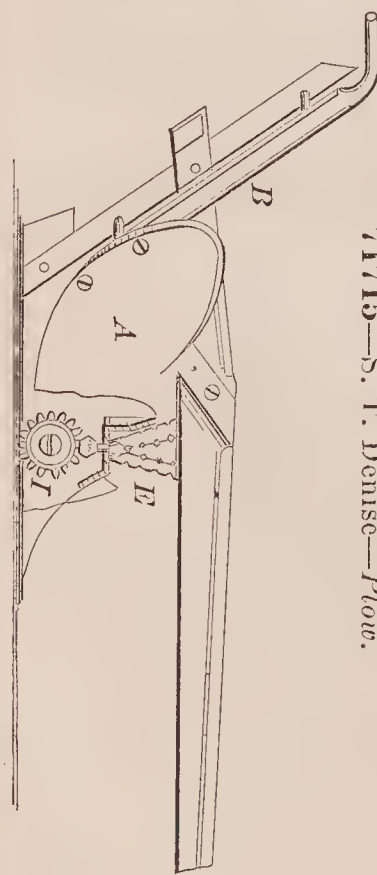
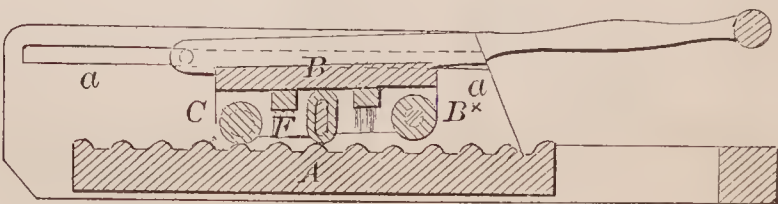
71714—B. Day—*Shingle Machine.*



71713—D. P. Davis—*Belt Lacing Device.*

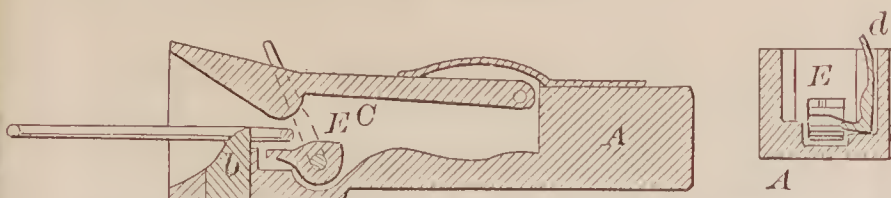


71716—G. M. Denison—*Washing Machine.*

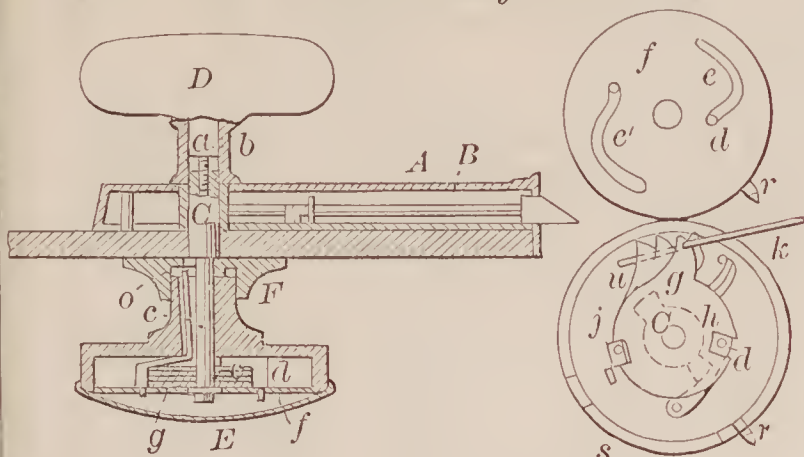


71715—S. T. Denise—*Plow.*

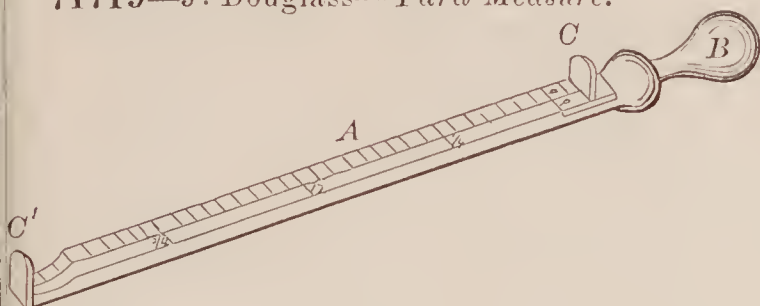
71717—M. Disney—*Car Coupling.*



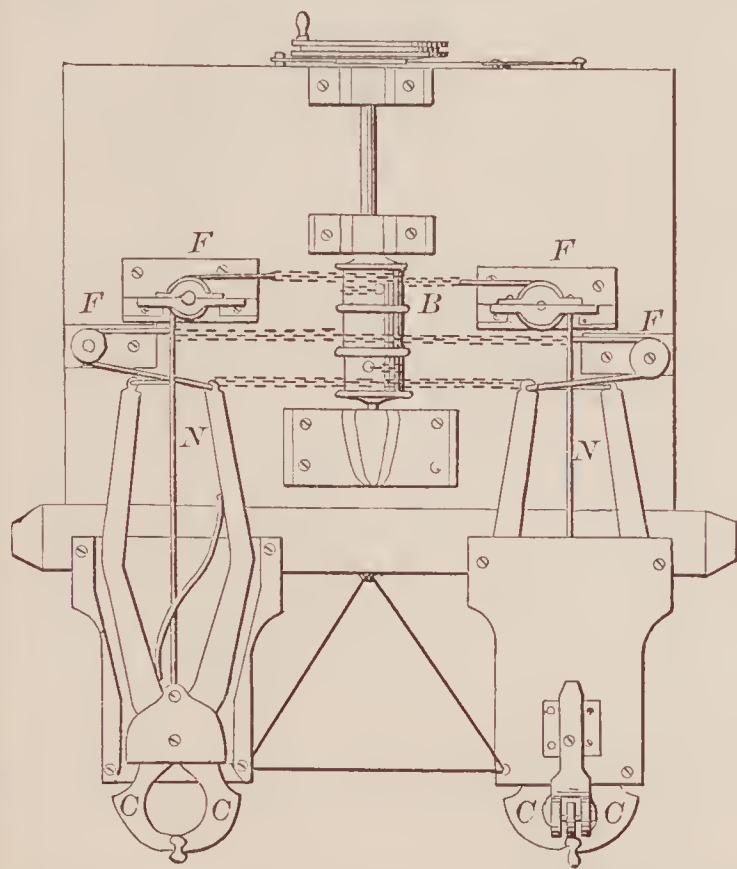
71721—C. H. Eifler—*Locking Knob Latch.*



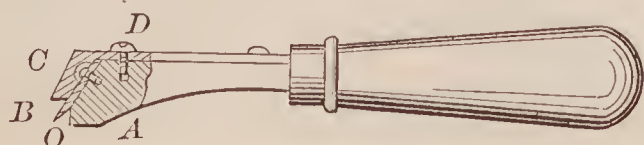
71719—J. Douglass—*Yard Measure.*



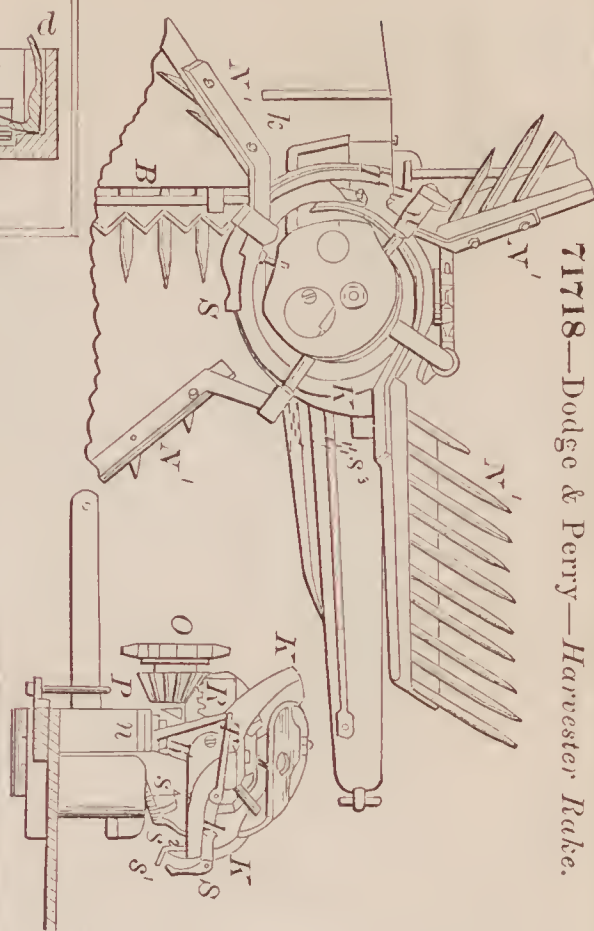
71720—E. H. Duru—*Car Brake.*



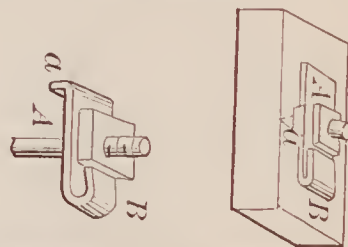
71726—Farr & Hall—*Saddlers' Tool.*



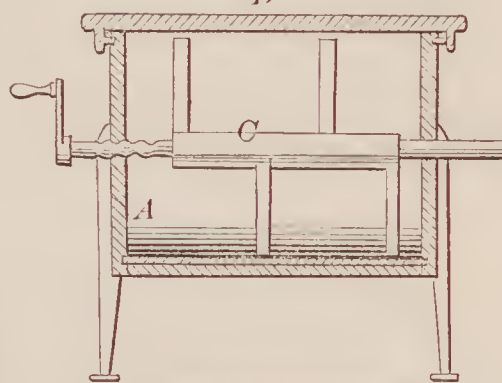
71718.—Dodge & Perry—Harvester Rake.



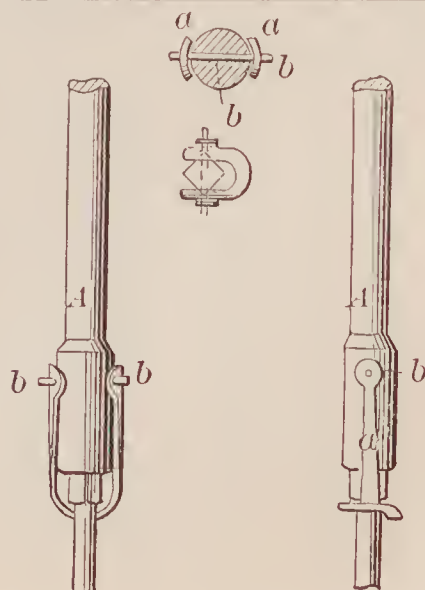
71722—E. A. Ellsworth—*Nut Lock
and Washer.*

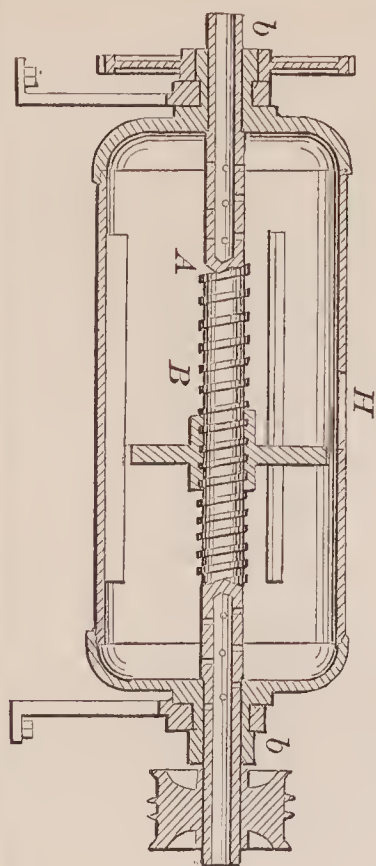


71723—S. Emmore—*Dough
Kneading Machine*
D

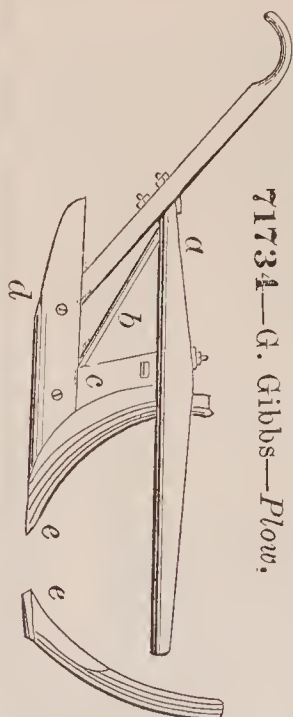


71727—S. F. Fenn—*Bit Brace.*



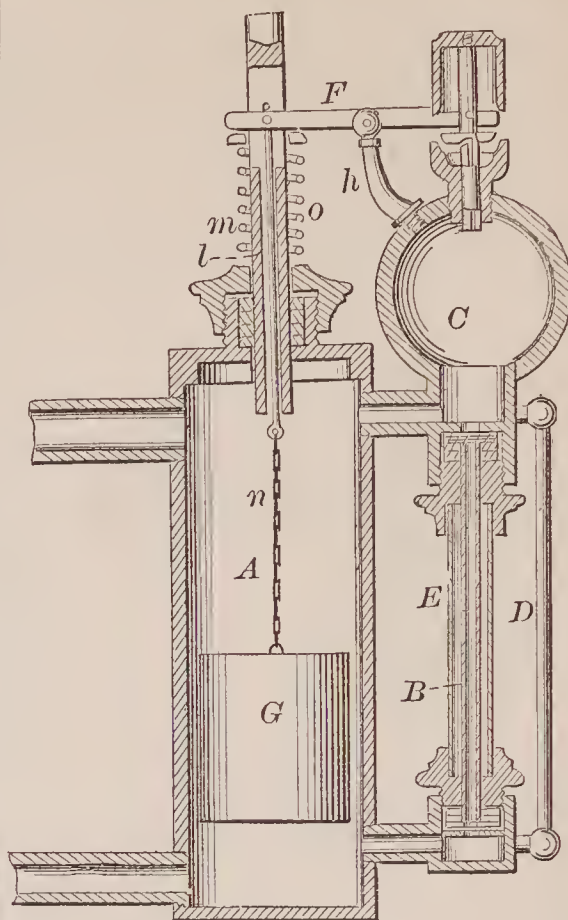


71728—A. Fickett—For Filling Rotary Paper Pulp Boilers

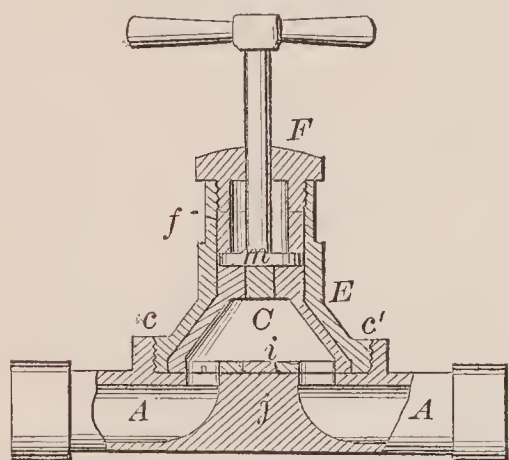


71734—G. Gibbs—Plow.

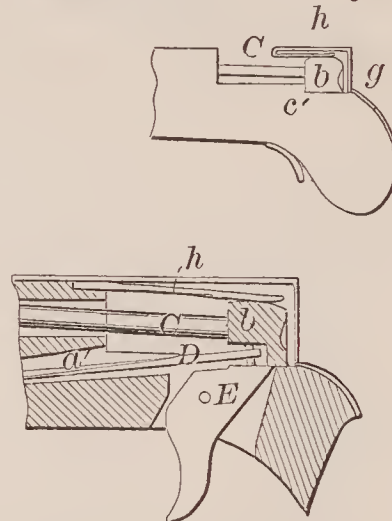
71729—R. A. Filkins—Low Water Indicator.



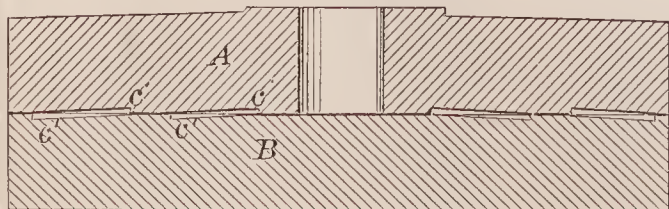
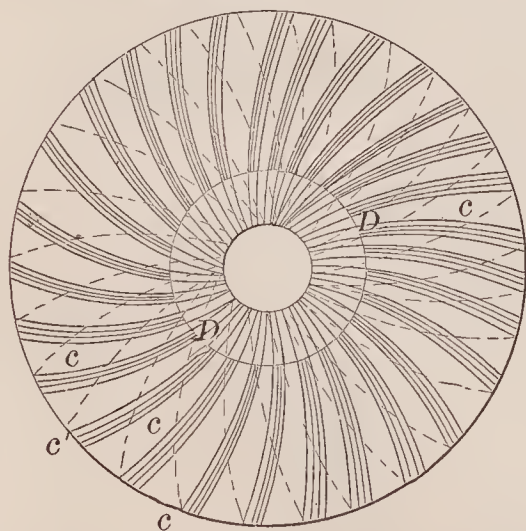
71730—R. A. Filkins—Rotary Steam Valve.



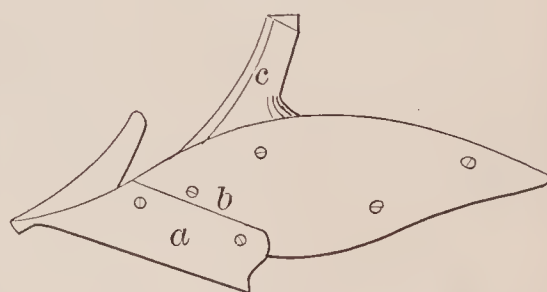
71732—F. Fuller—Toy Gun.



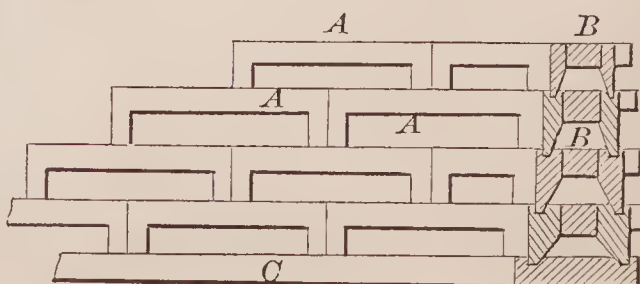
71733—A. N. Garland—Dress for Mill Stones.



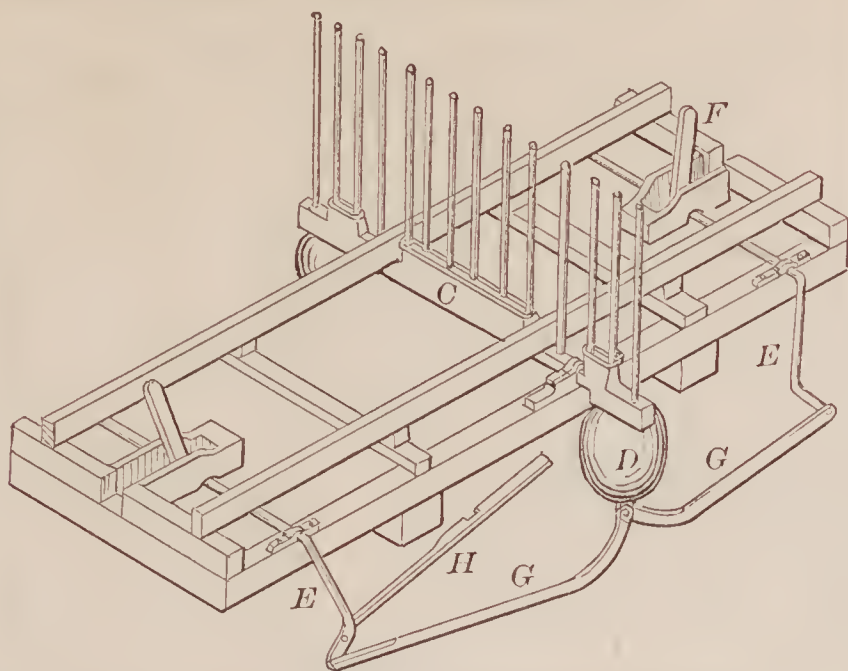
71735—Gibbs, Gibbs & Wikidal—Plow.



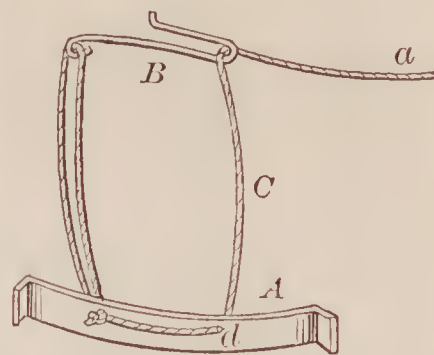
71736—S. Good—Fence.



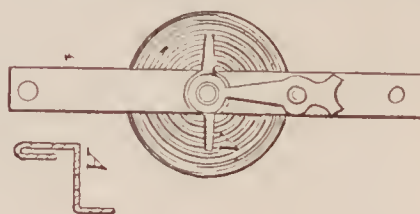
71737—Goodman & Fessler—*Railroad Gate.*



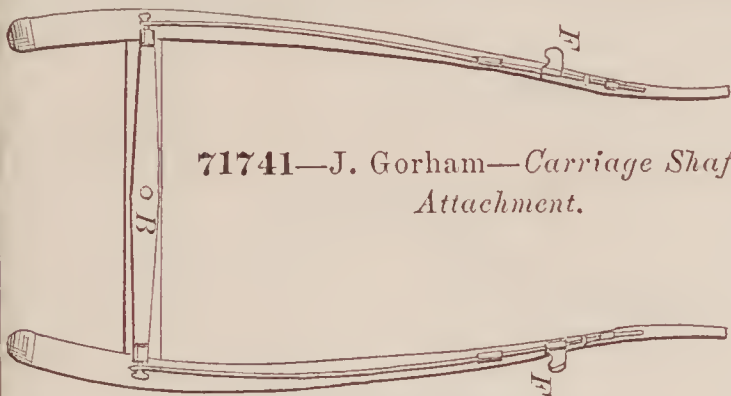
71739—J. J. Gordon—*Bag Tie.*



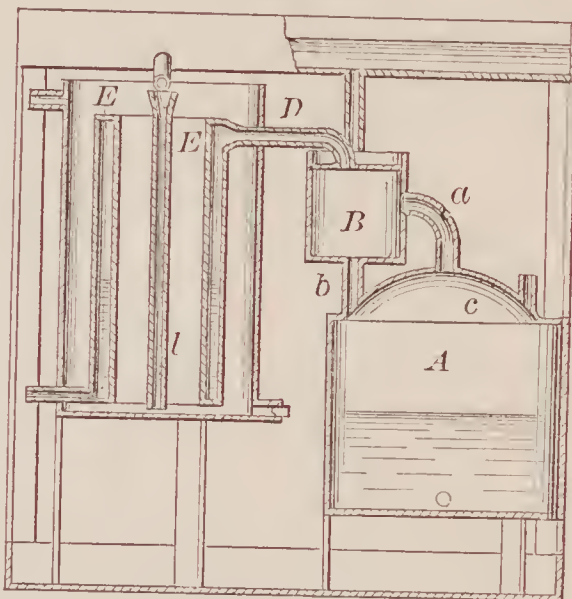
71738—A. I. Goodrich—*Regulator for Marine Clocks.*



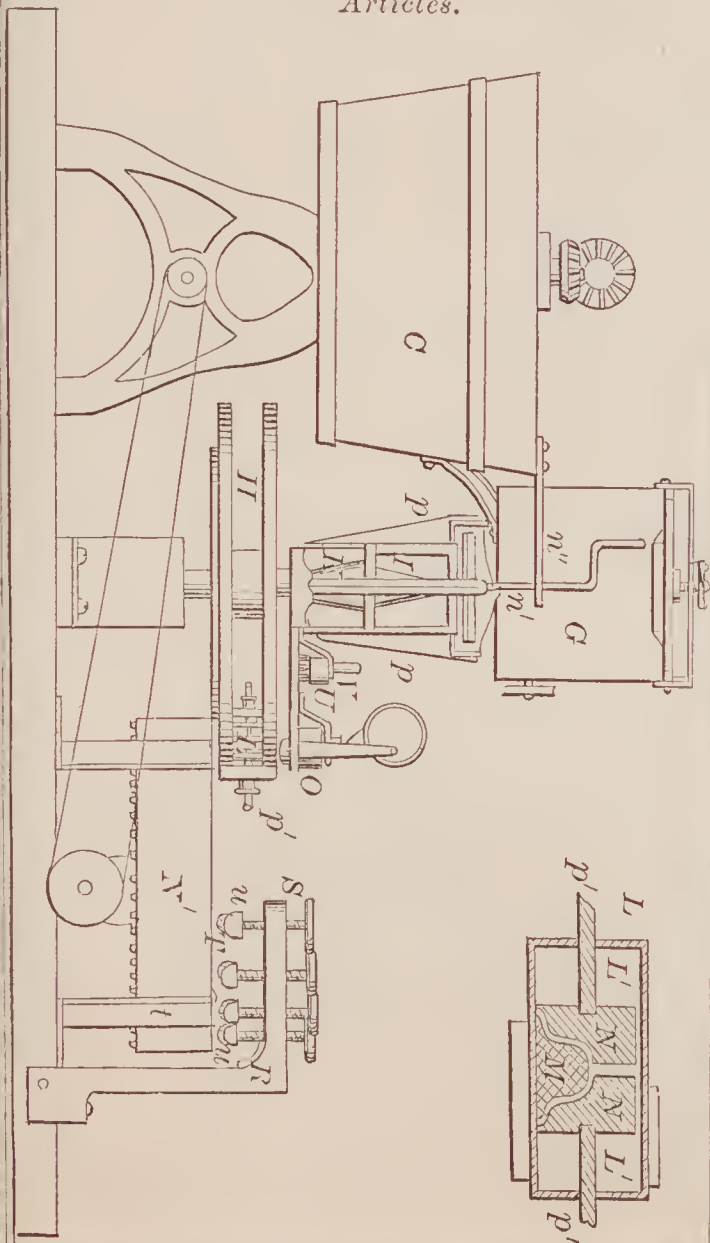
71741—J. Gorham—*Carriage Shaft Attachment.*



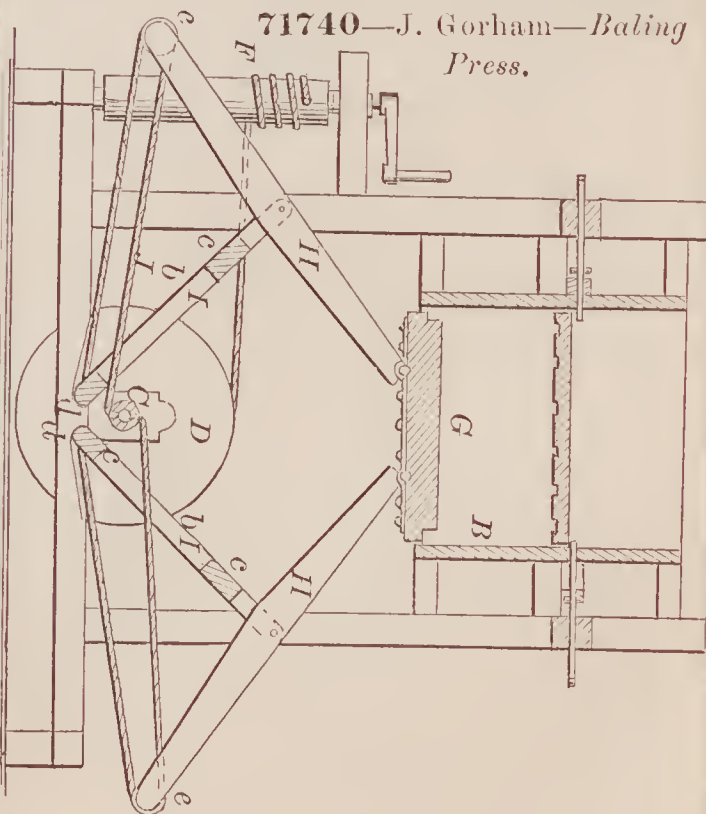
71744—T. Grundmann—*Distilling Apparatus.*



71742—H. Grambo—*For Making Paper Articles.*



71740—J. Gorham—*Baling Press.*



71745—J. R. Hall—*Sash Stop.*

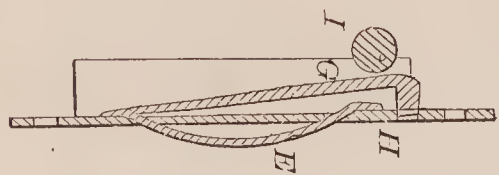
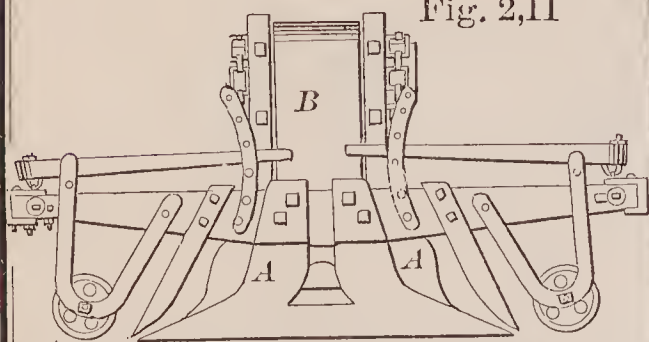
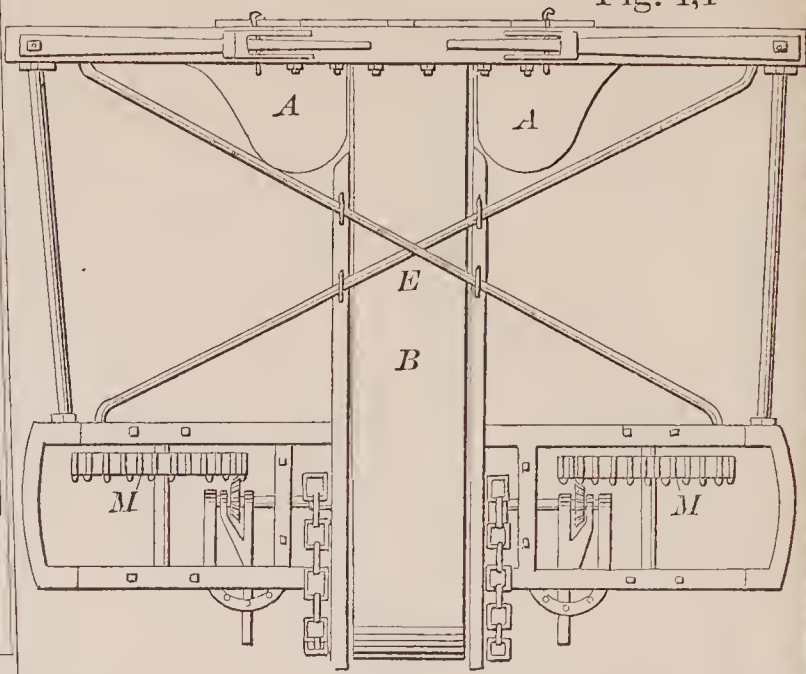


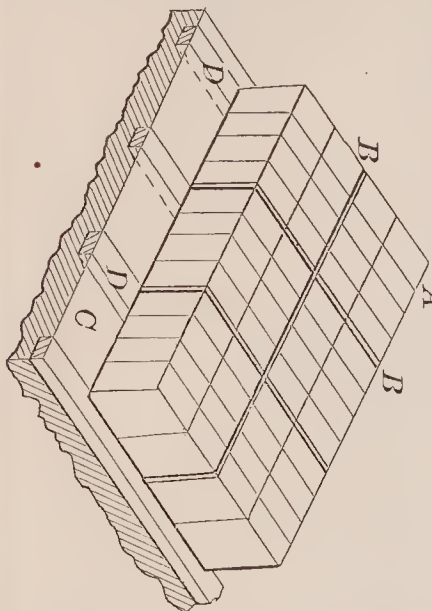
Fig. 2, II



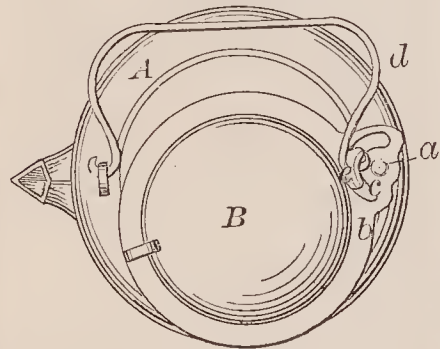
71747—T. C. Hammond—*Grading and Excavating Machine.* Fig. 1, I



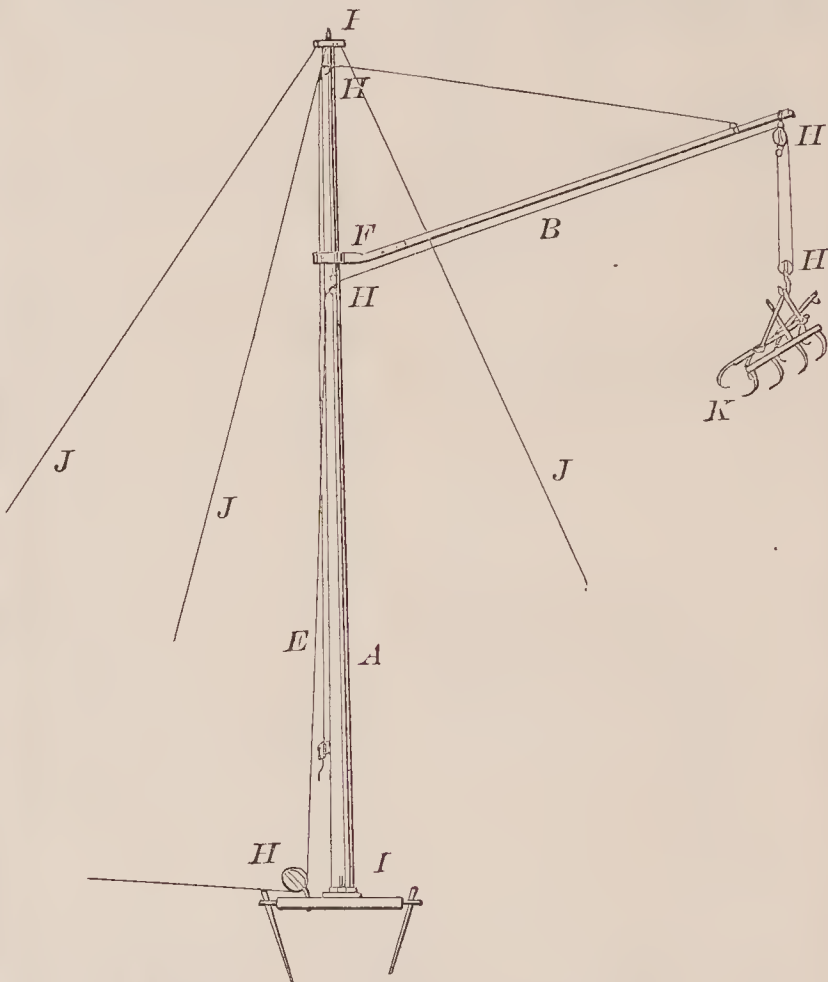
71746—A. Hammar—*Street Pavement.*



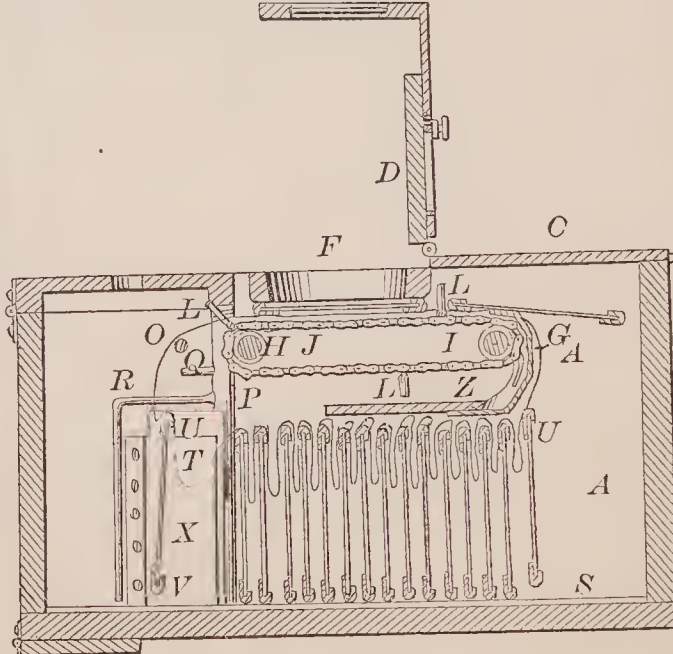
71748—C. C. Hare—*Hinging Tea Kettle Lid.*



71749—L. J. Hattabough—*Field Derrick.*



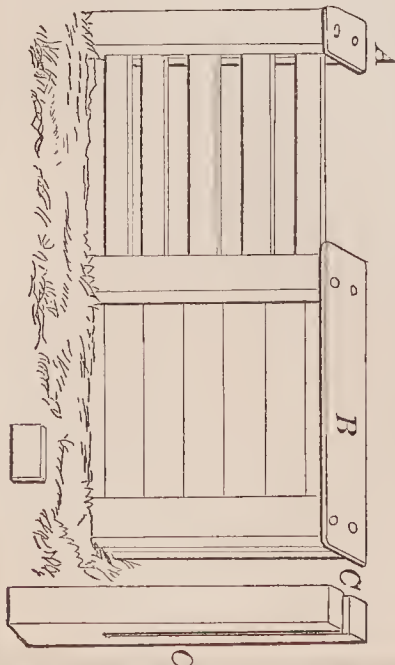
71753—A. Heilburn—*Stereoscope.*



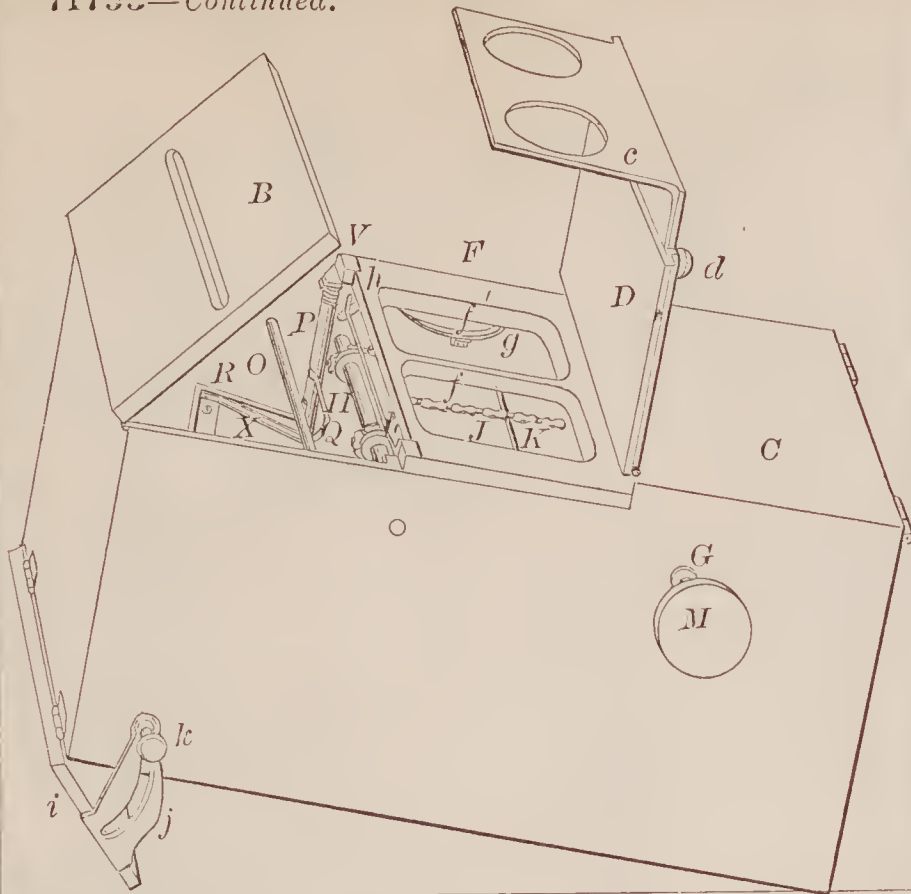
71751—G. H. Hawkins—*Pill Box.*



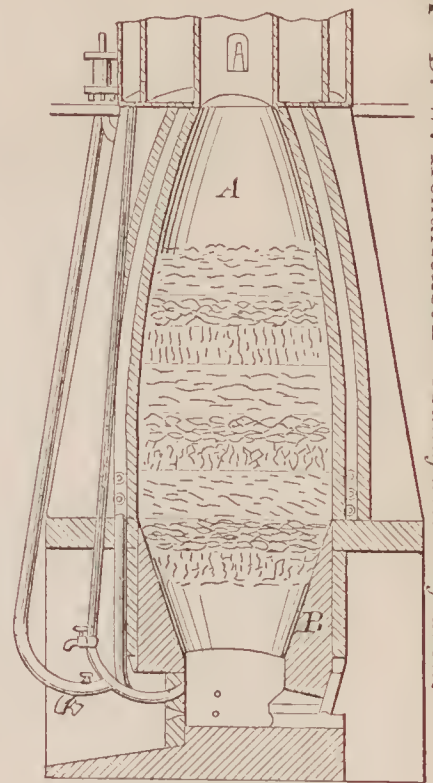
71750—C. A. Haviland—*Fence.*



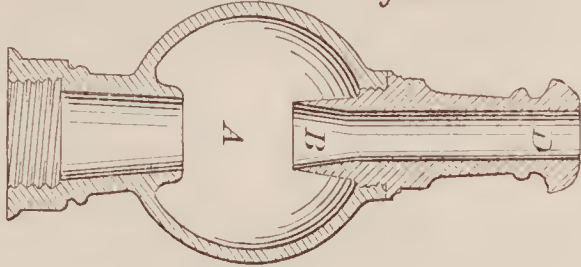
71753—Continued.



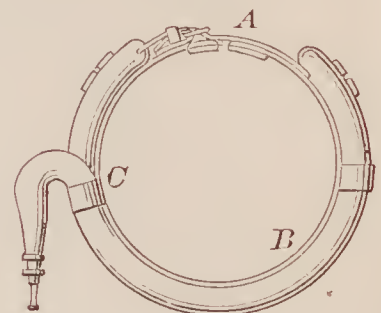
71754—D. W. Hendrickson—Manufacture of Iron.



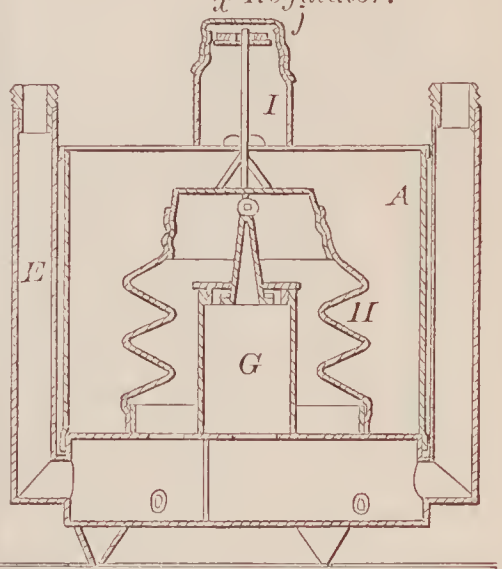
71756—J. J. Hofer—Fire Engine Nozzle.



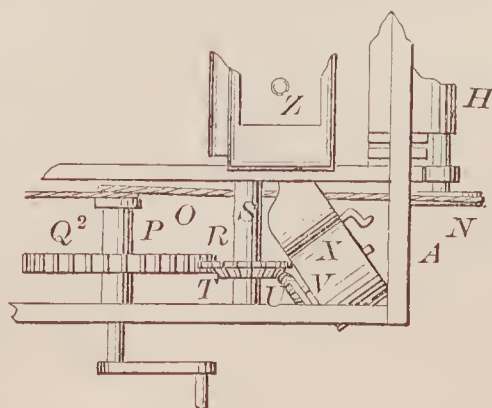
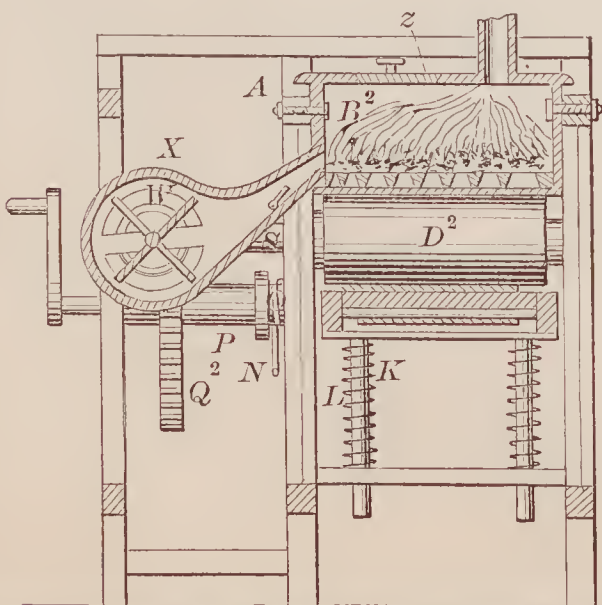
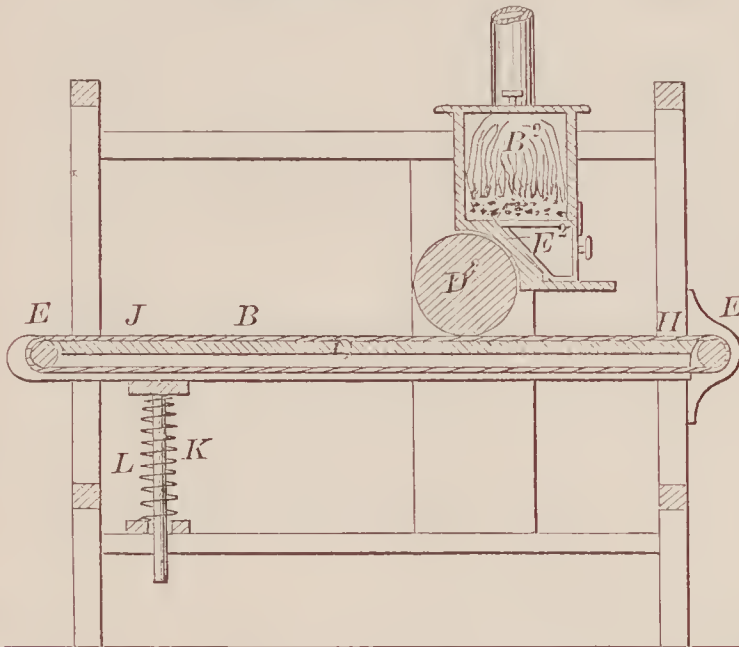
71755—D. H. Heyen—Life Preserver.



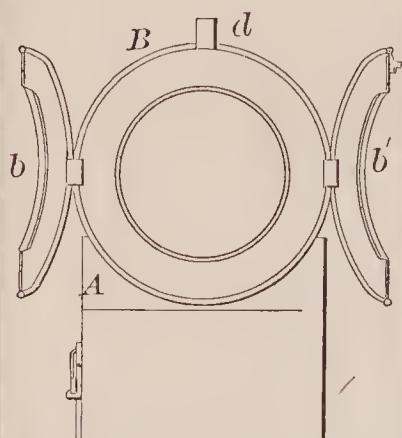
71757—J. B. Hoffman—Dry Gas & Regulator.



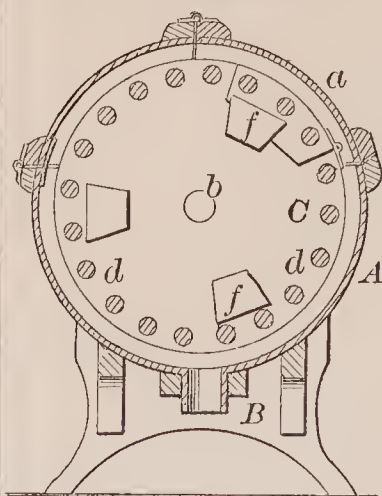
71758—C. R. Hoyt—For Ironing Clothes.



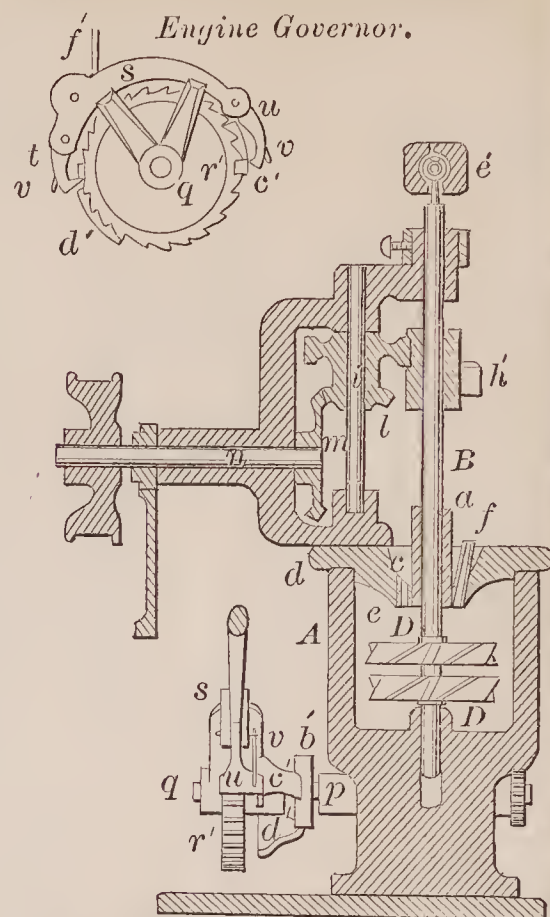
71759—
J. R. Humphreys—
Tire Heating Apparatus.



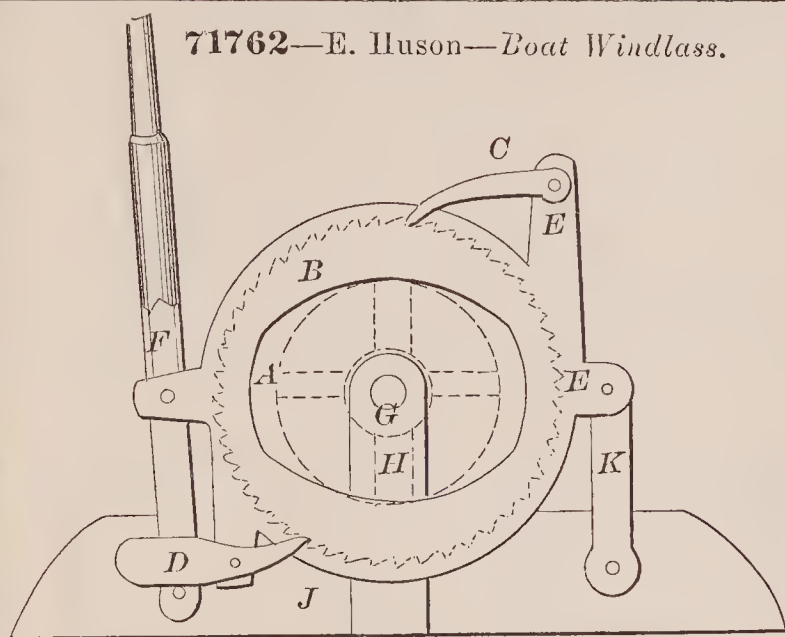
71760—E. Hunt—
Washing Machine.



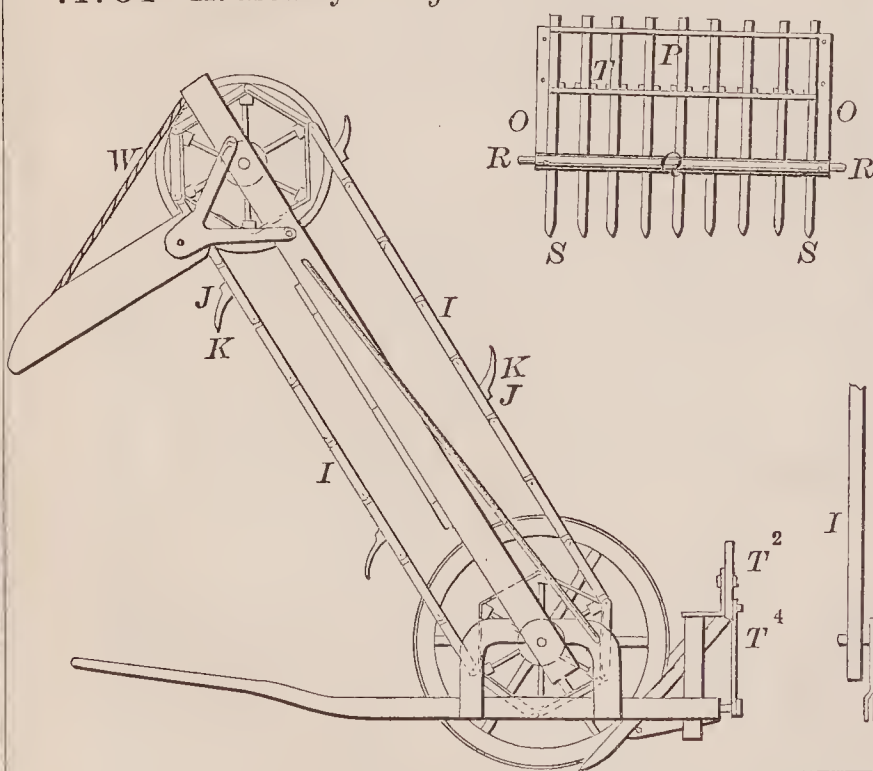
71761—R. K. Huntoon—*Steam*
Engine Governor.



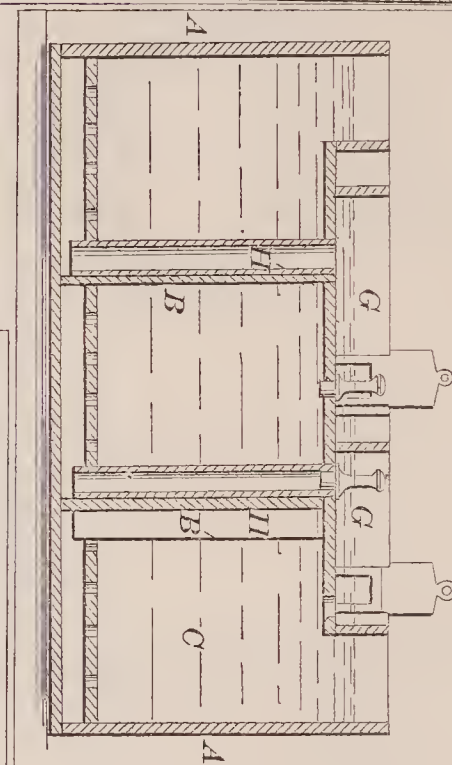
71762—E. Huson—*Boat Windlass.*



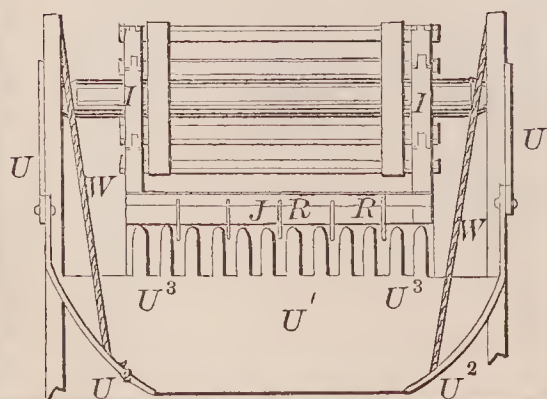
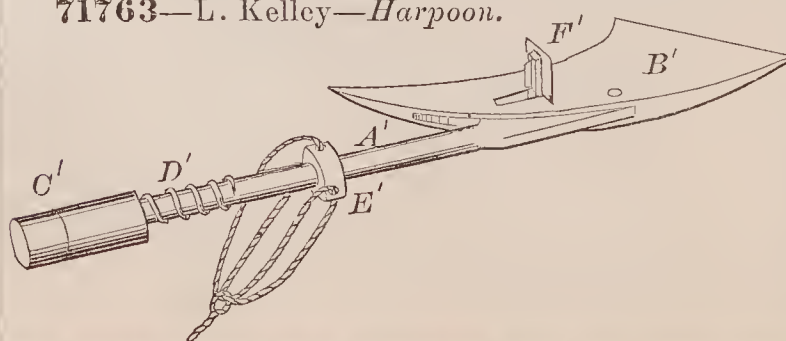
71764—H. Kewley—*Hay Raker and Loader.*



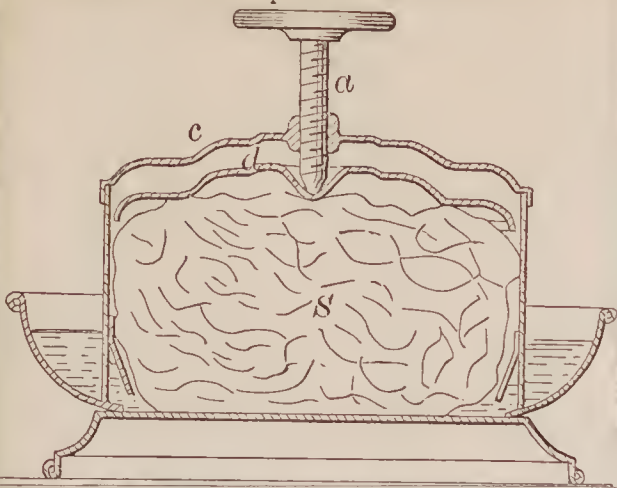
71765—C. Korn—*For Leaching Bark.*



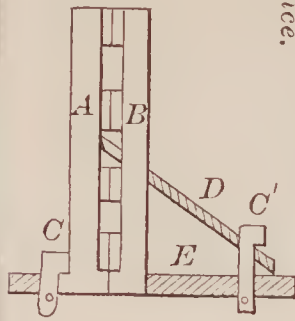
71763—L. Kelley—*Harpoon.*



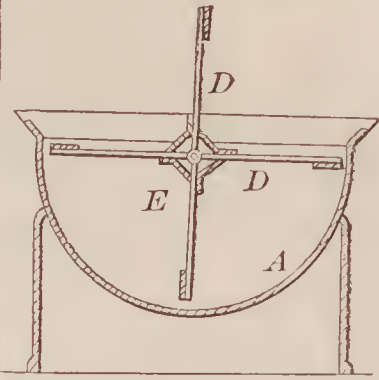
71766—R. Lapham—*Inkstand.*



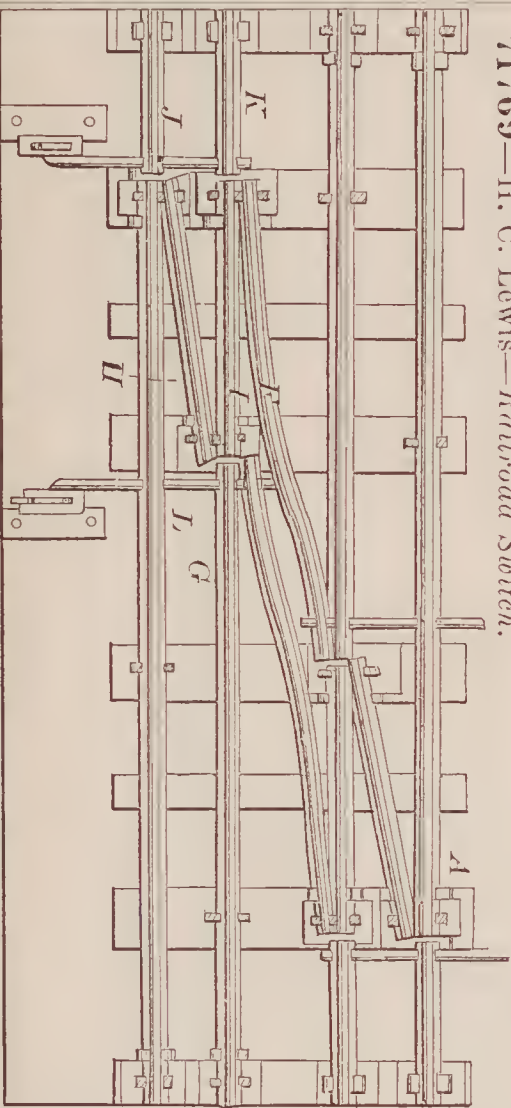
71767—S. Leonard, Jr.—*Fence.*



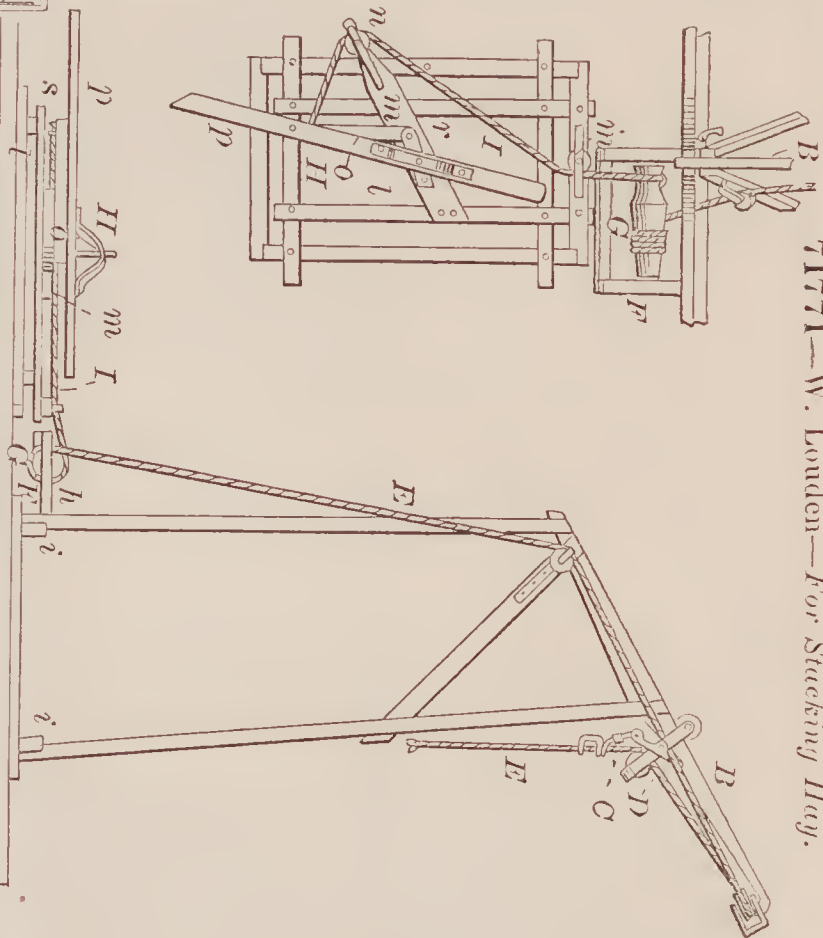
71768—T. Leonhard—*Bleaching Vegetable Oil.*



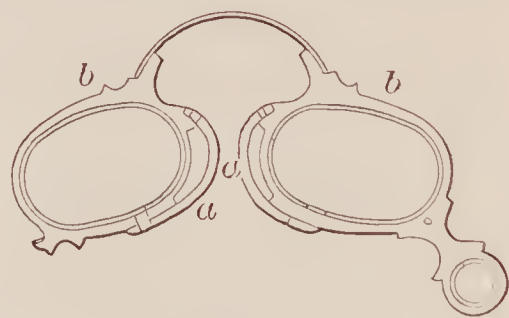
71769—H. C. Lewis—*Railroad Switch.*



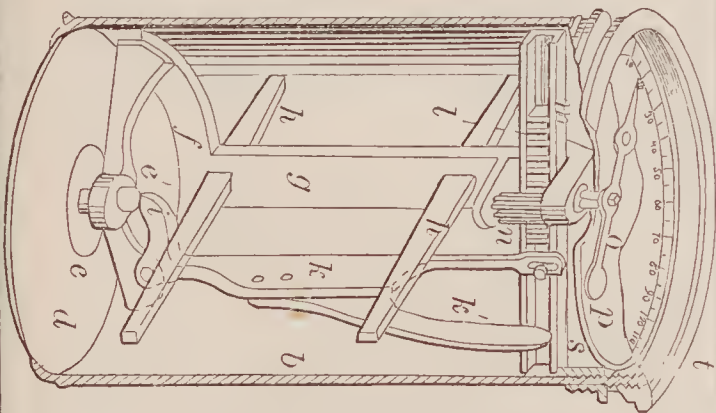
71771—W. London—*for Stacking Hay.*



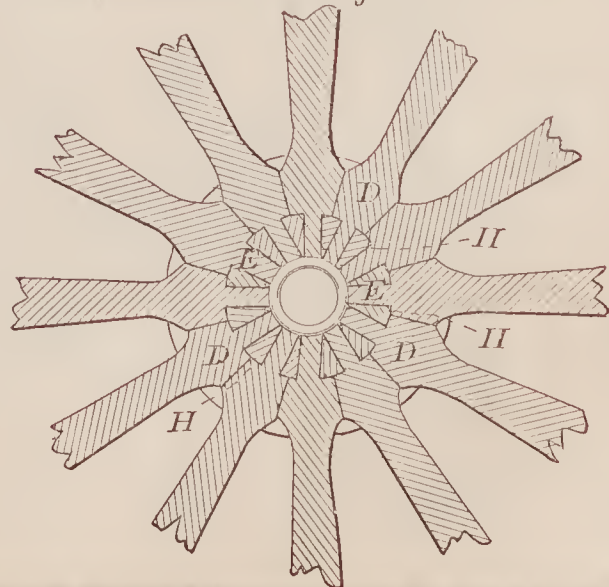
71770—H. Lomb—*Eyeglass and Spectacles.*



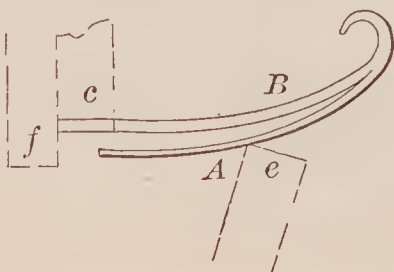
71773—J. W. Maloy—*Pressure Gauge.*

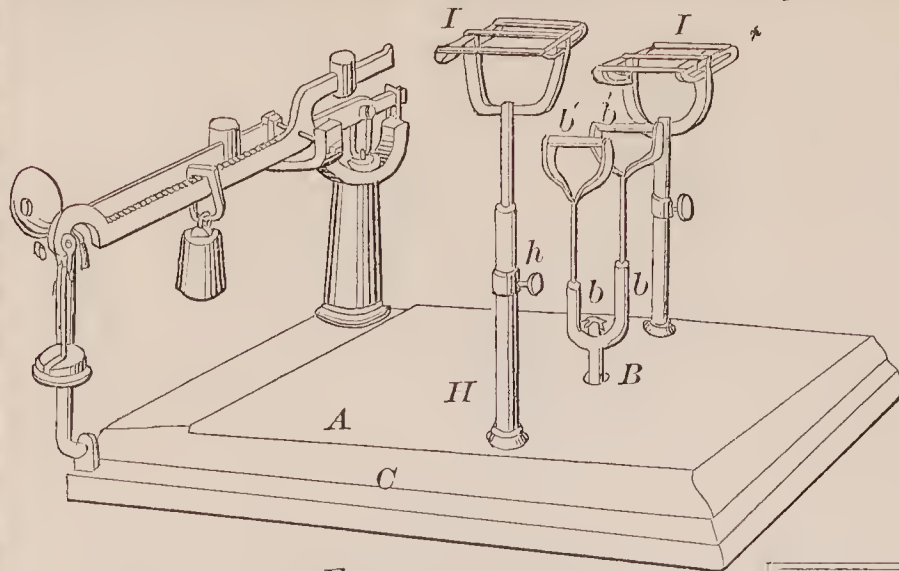
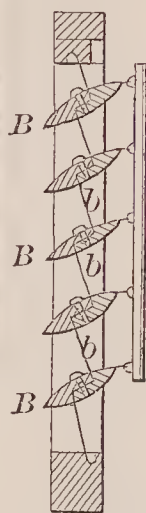
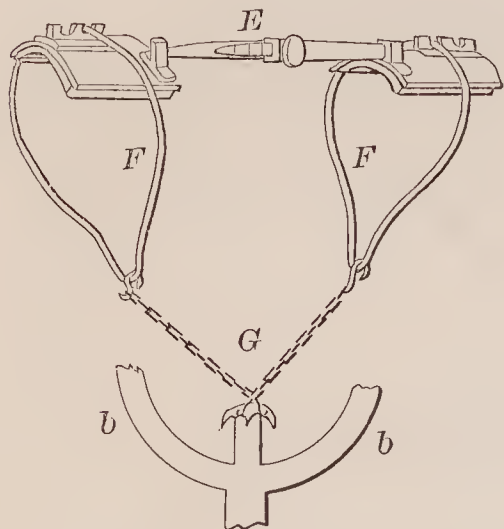
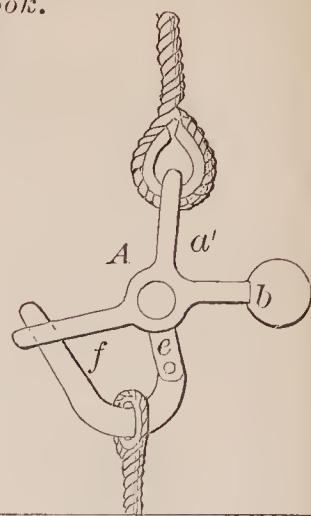
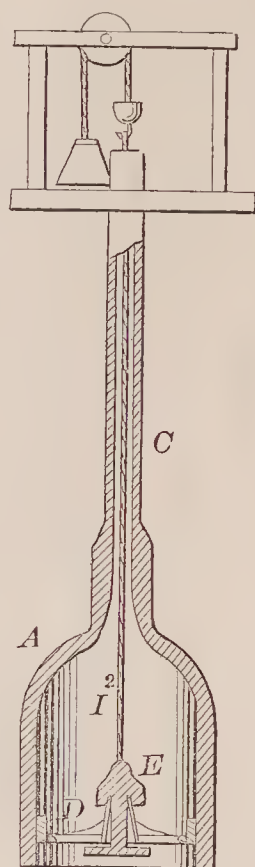
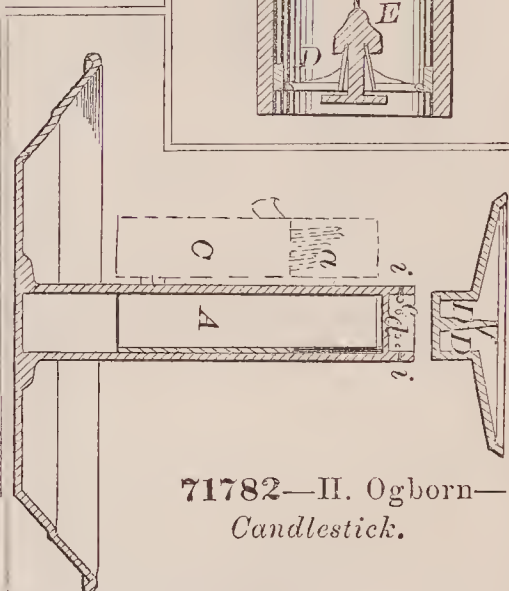
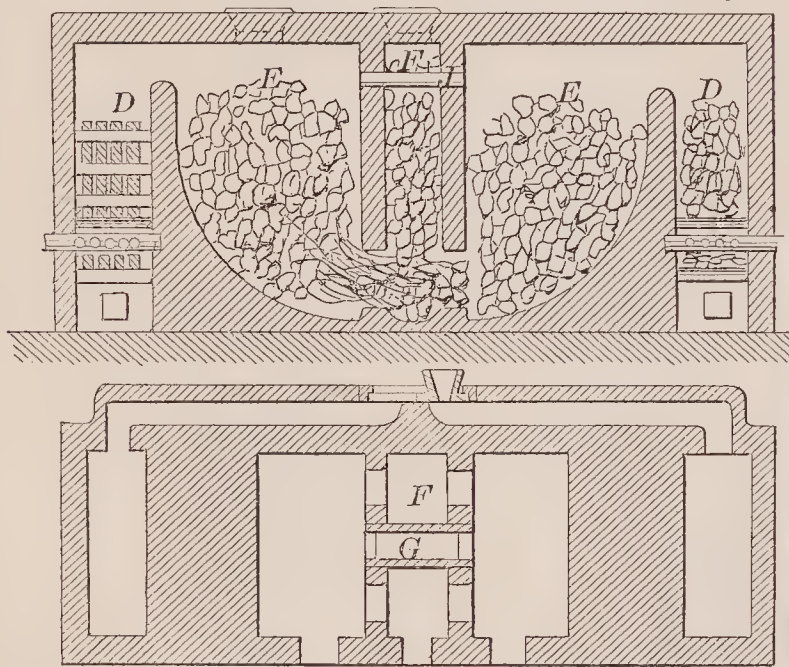
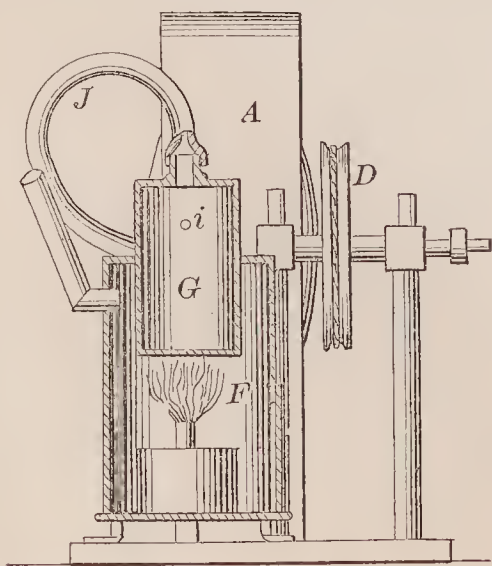
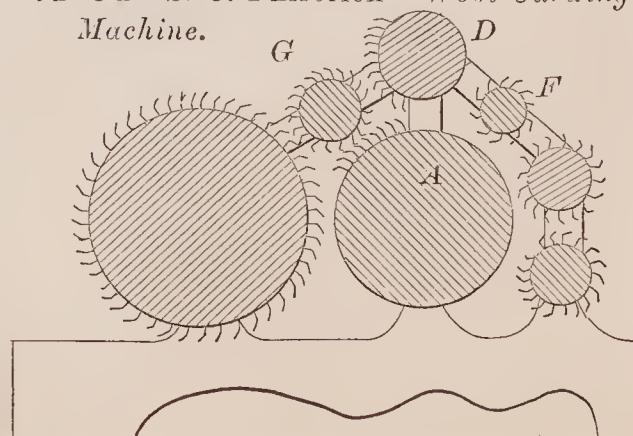


71774—J. Maris—*Wagon Wheel.*

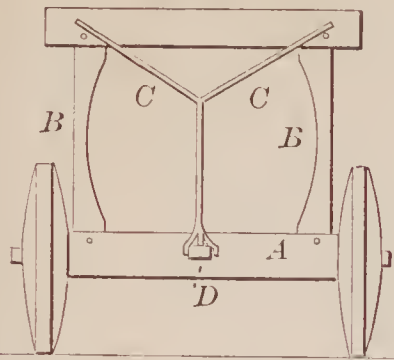


71772—J. J. Mackey—*Door Spring.*

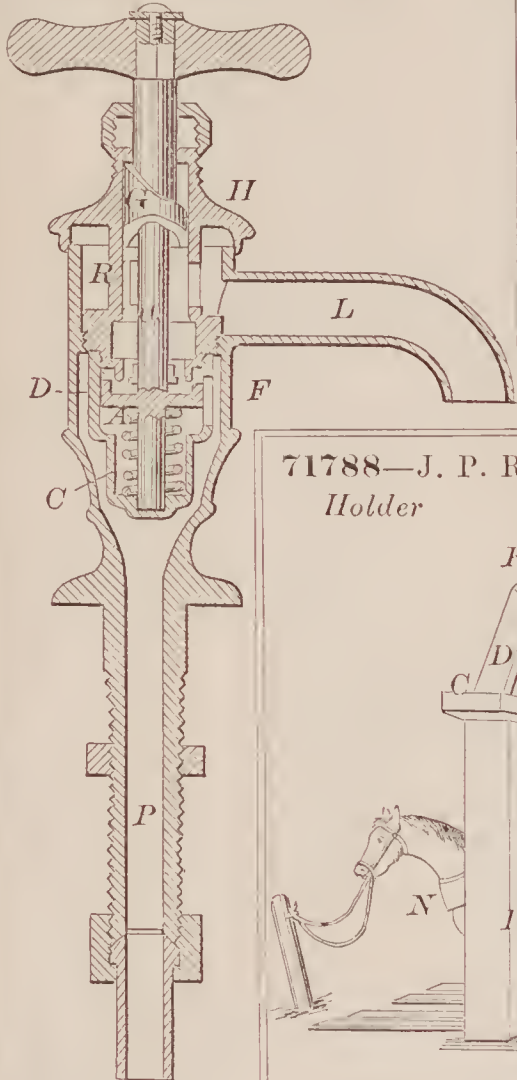


71775—M. Mattson—*For Hand and Yoke Lifting.*71779—G. J. Neveil—*Retaining and Releasing Hook.*71778—G. W. Miles—*Mosquito Net.*71781—A. Norris—*Water Elevator.*71776—J. Maunton—*For Roasting and Reducing Ores.*71782—H. Ogborn—*Candlestick.*71780—M. V. Nobles—*For Exterminating Vermin.*71784—S. C. Philbrick—*Wool Carding Machine.*

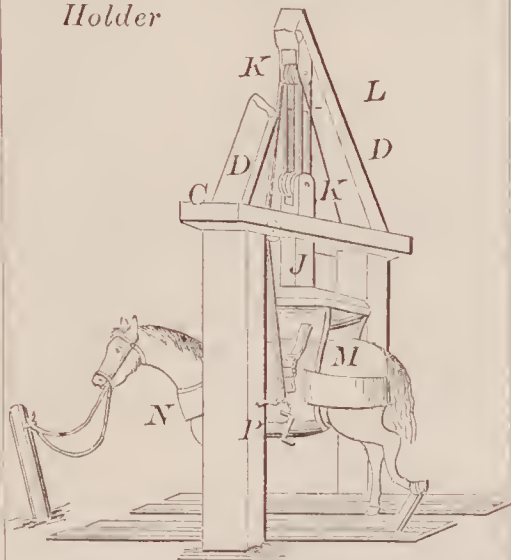
71785—I. S. Pigott—Log Wagon.



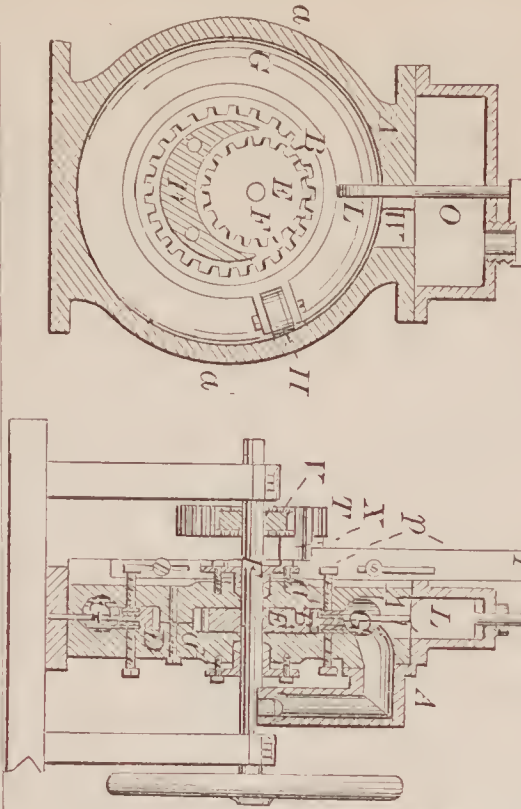
71790—F. Roach—Faucet.



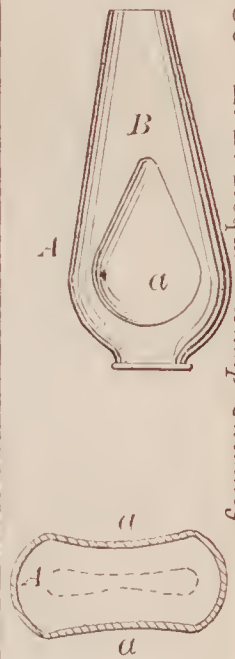
71788—J. P. Reynolds—Horse Holder



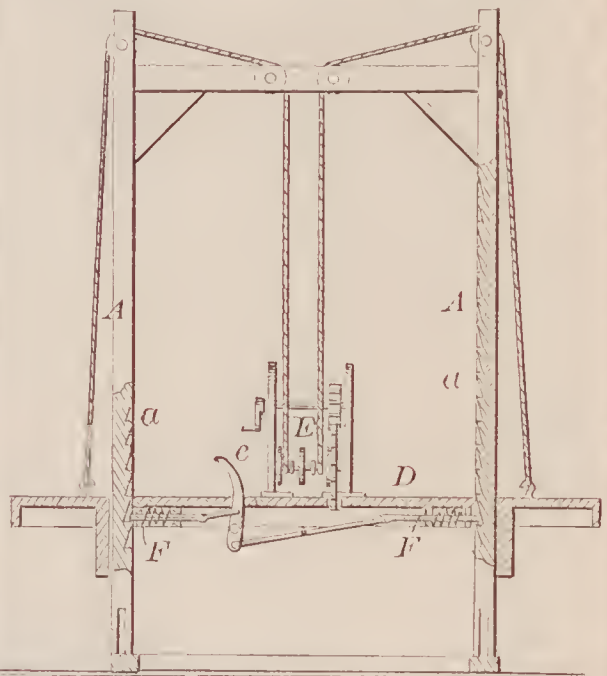
71786—J. Poppe—Rotary Pump.



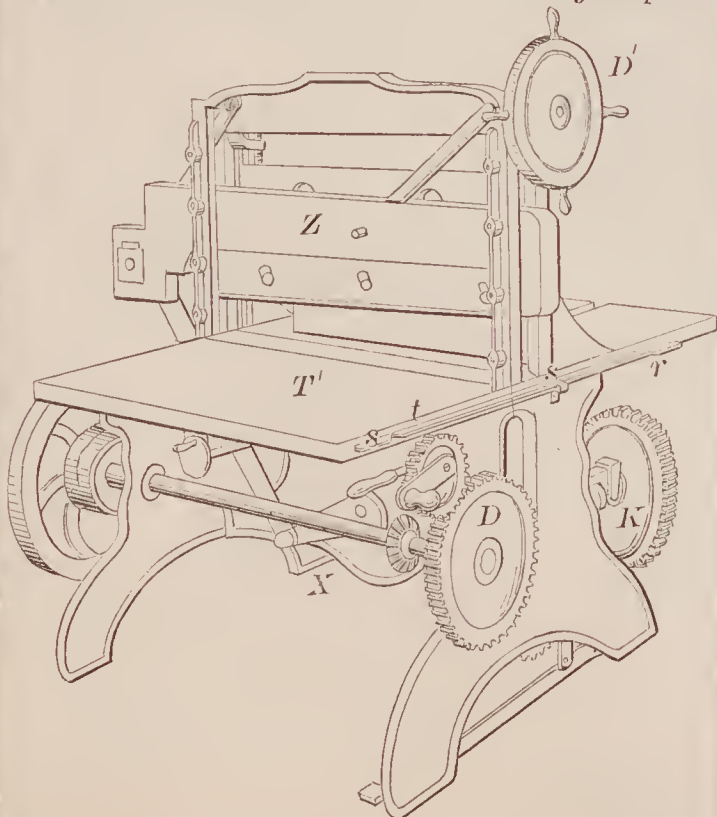
71789—E. B. Requin—Lamp Chimney.



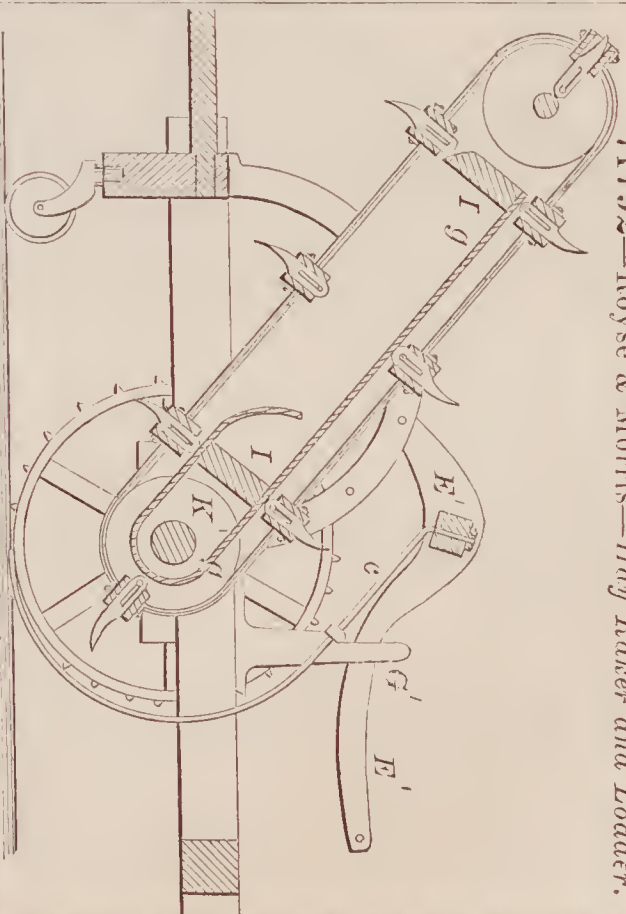
71791—C. Robinson—Scaffold.

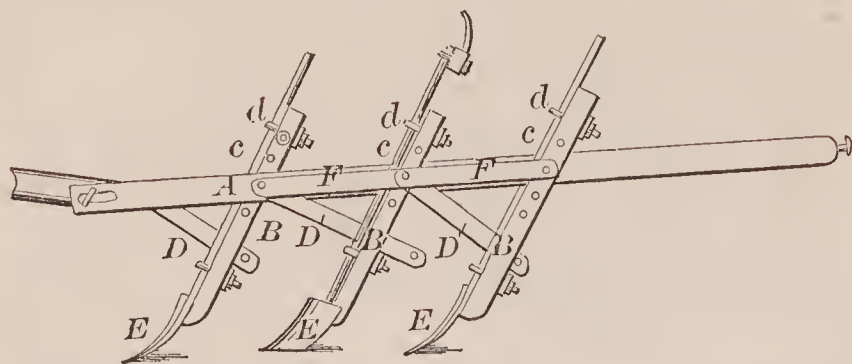
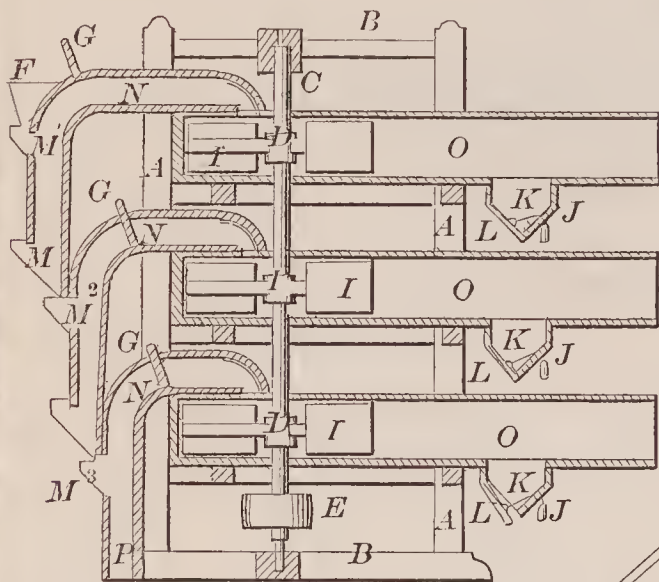
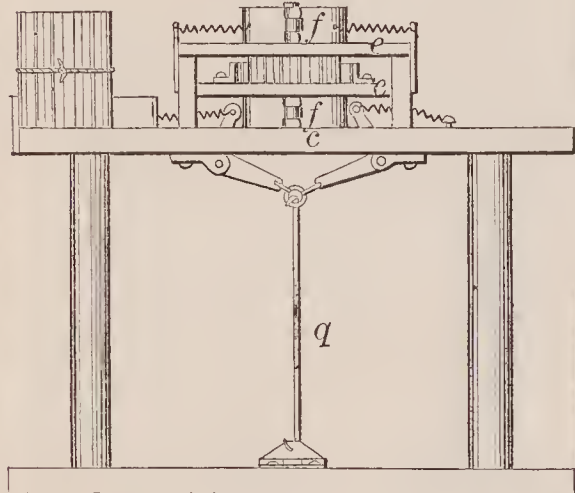
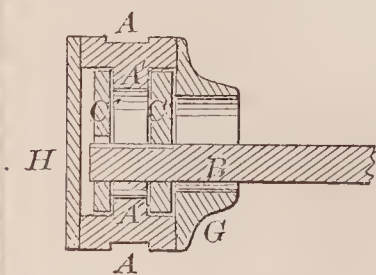
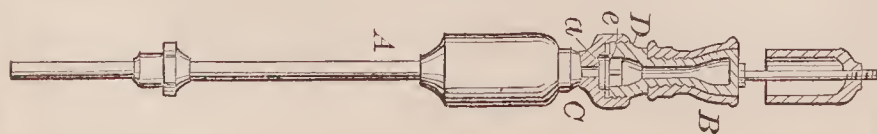
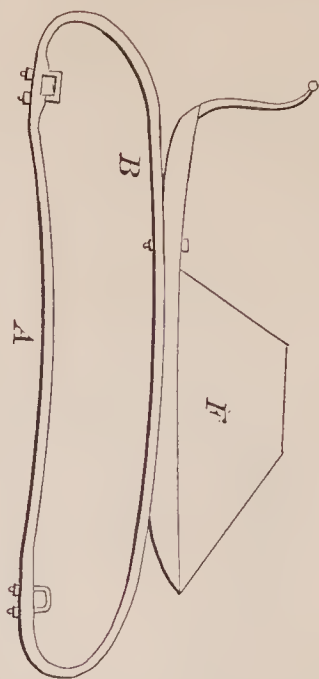
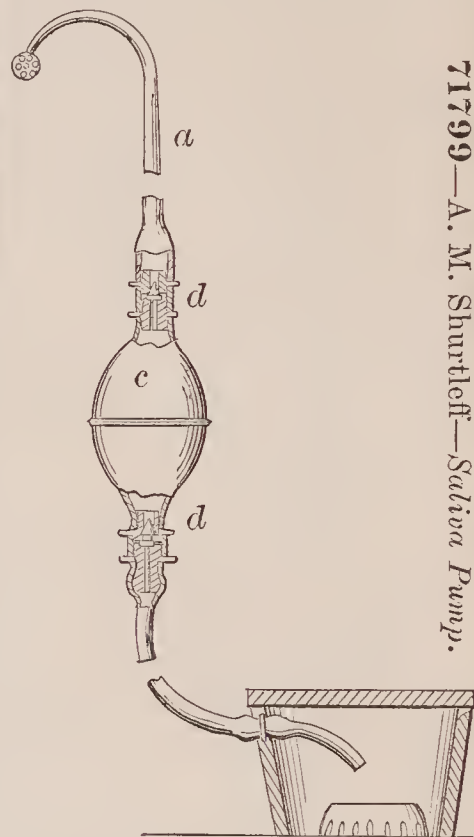
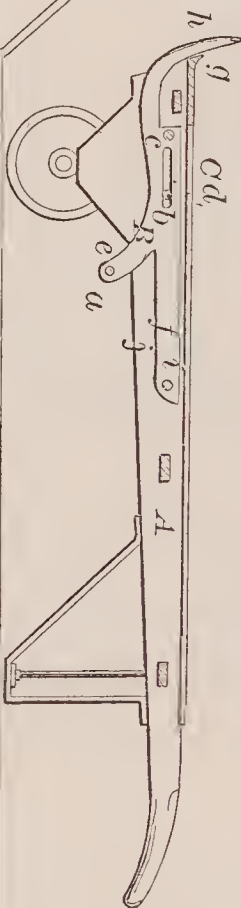
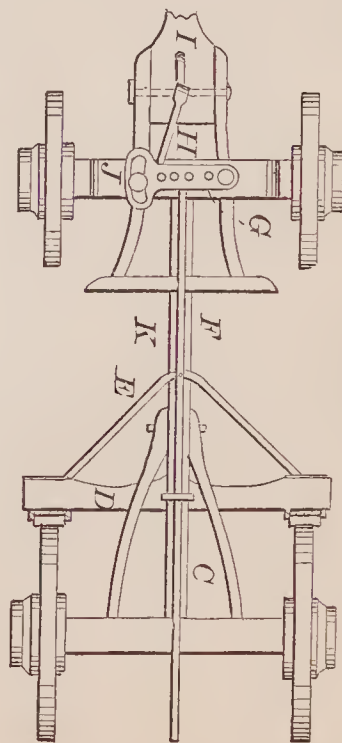


71793—G. H. Sanborn—For Cutting Paper.

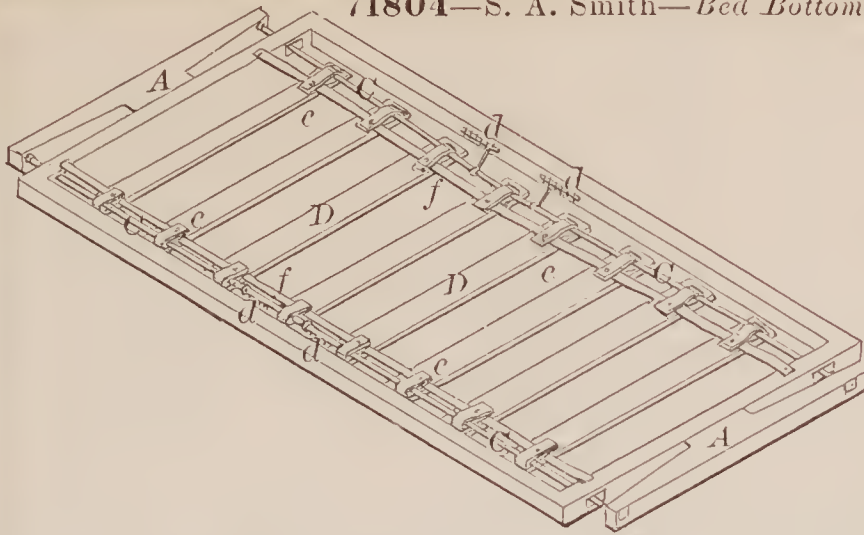


71792—Royse & Morris—Hay Raker and Loader.

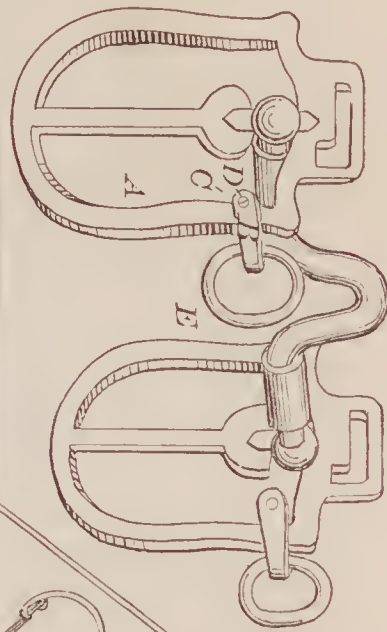


71794—J. W. Sanford—*Cultivator.*71796—A. Schenck—*Grain Separator.*71798—D. D. Sherwood—*For Bundling Wood.*71801—S. W. Slocumb—*Wagon Hub.*71803—L. F. Smith—*Low Water Indicator.*71797—A. Searls—*Wooden Wagon Spring.*71799—A. M. Shurtleff—*Saliva Pump.*71795—F. G. Sargent—*Tag.*71800—T. A. Stack—*Hand Truck.*71802—Smith & Desso—*Wagon Brake.*

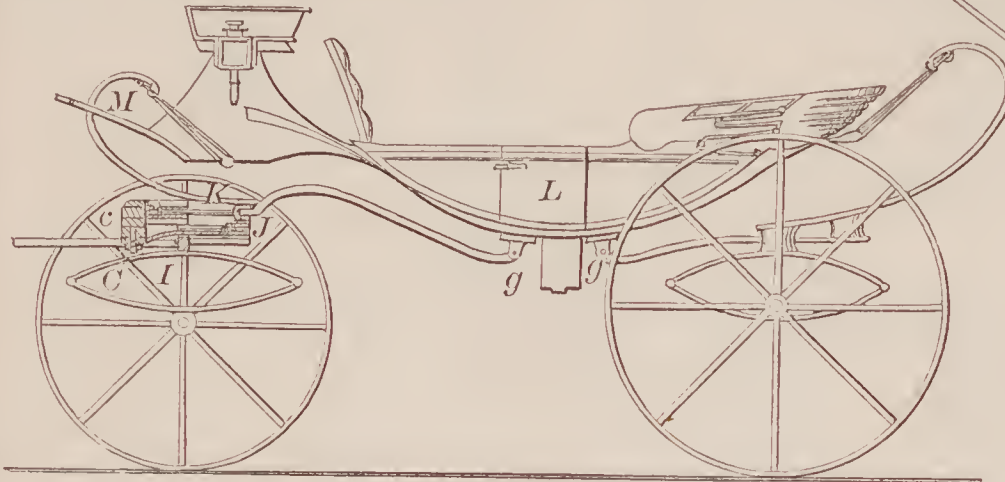
71804—S. A. Smith—*Bed Bottom.*



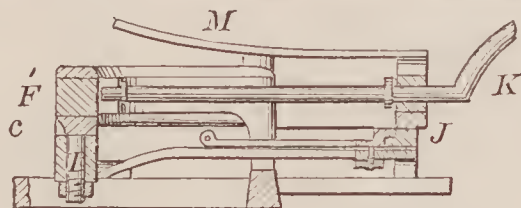
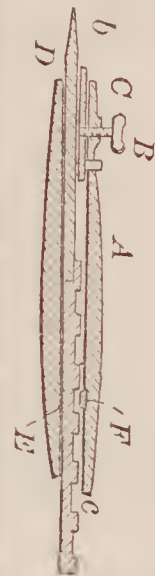
71806—J. Spoonhour—*Bridle Bit.*



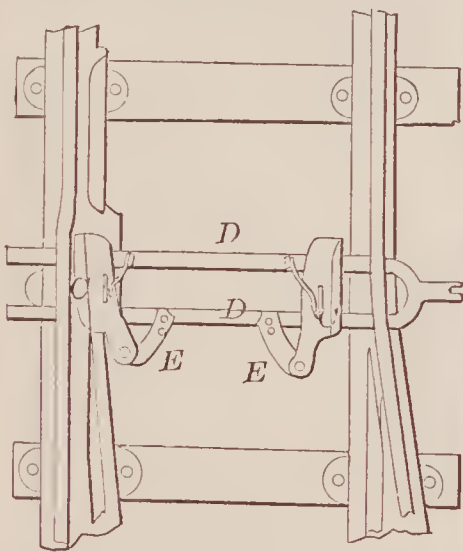
71805—E. Soper—*Carriage.*



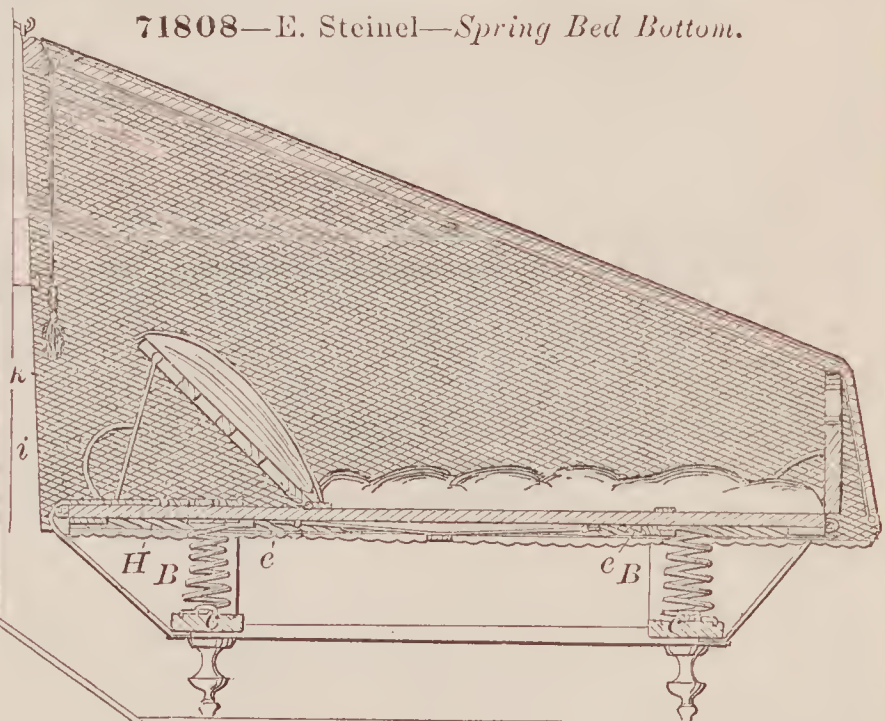
71811—U. Stewart—*Mill Pick.*



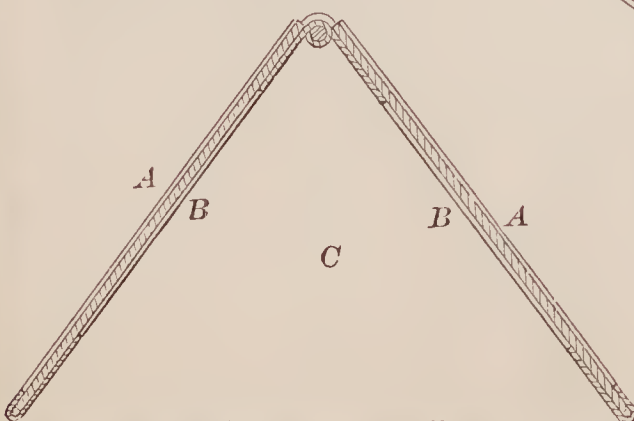
71807—W. H. Staats—*Railroad Switch.*



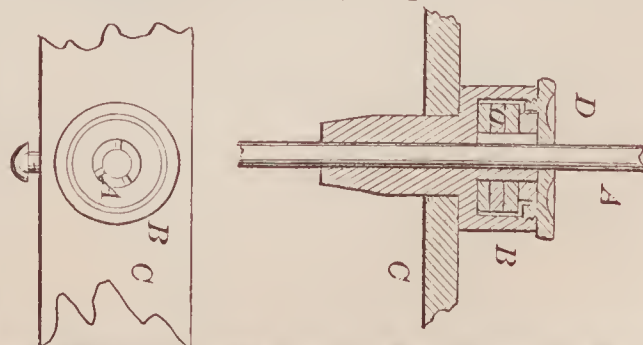
71808—E. Steincl—*Spring Bed Bottom.*

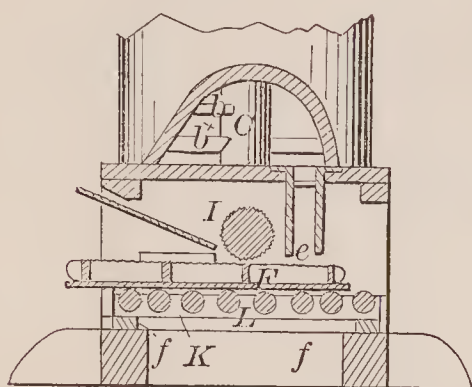
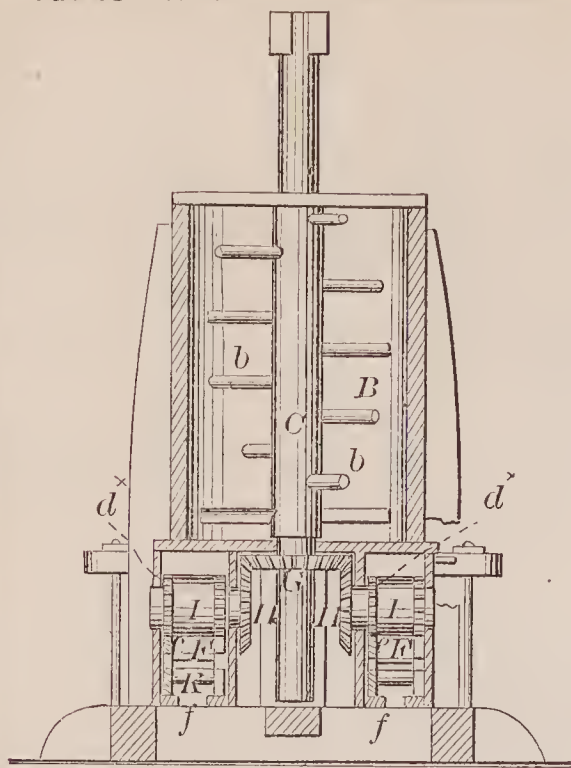
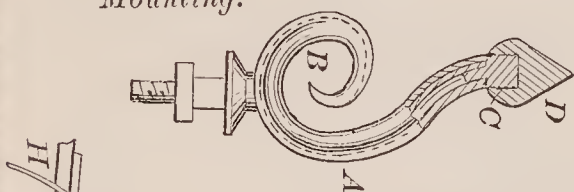
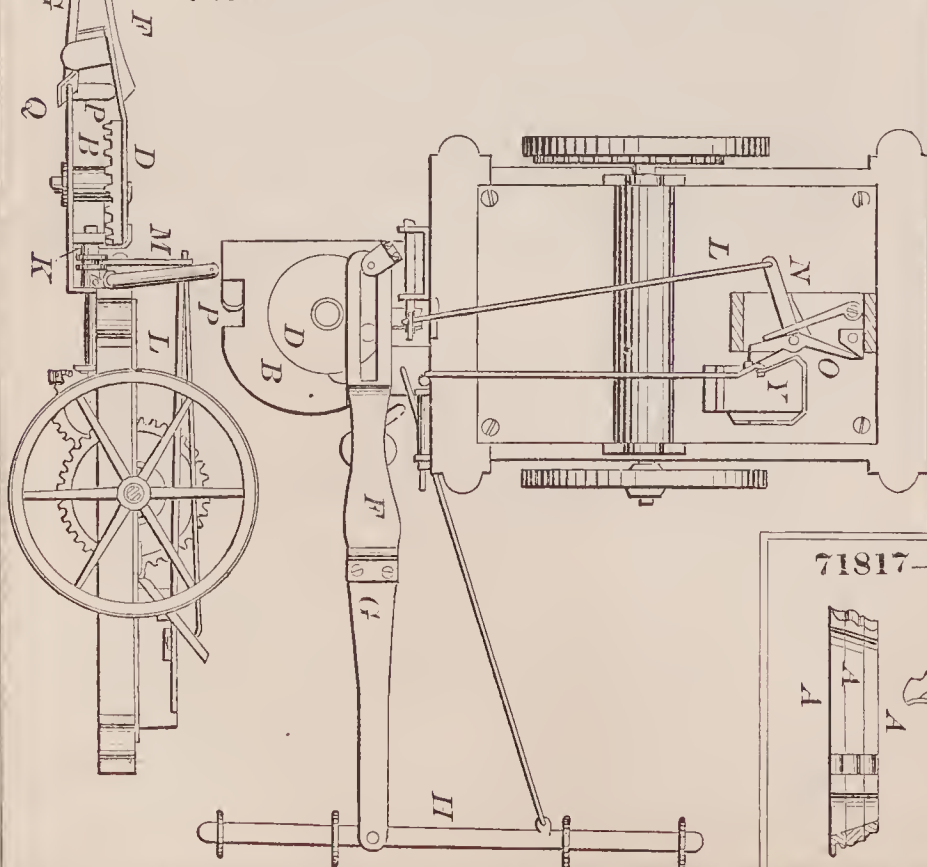
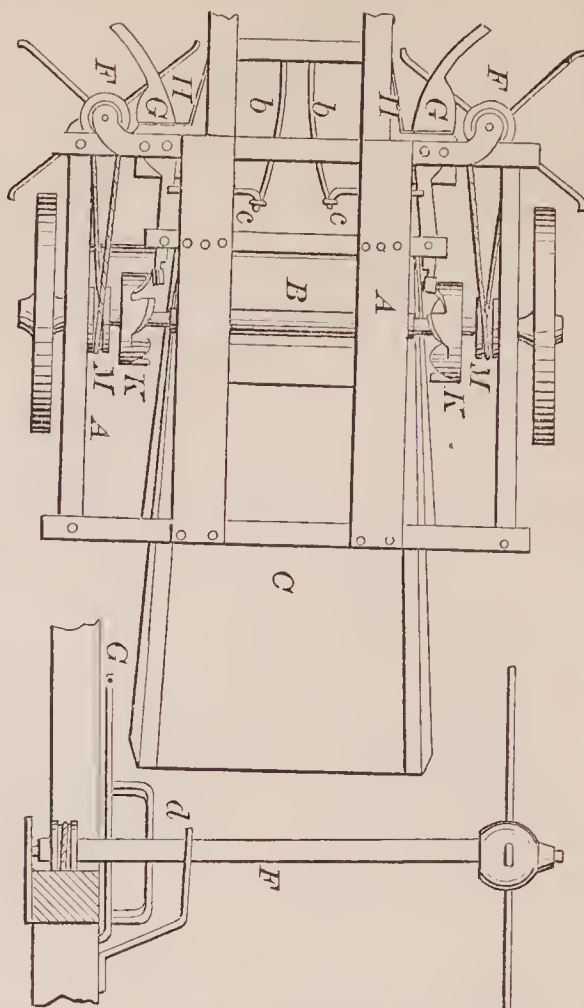
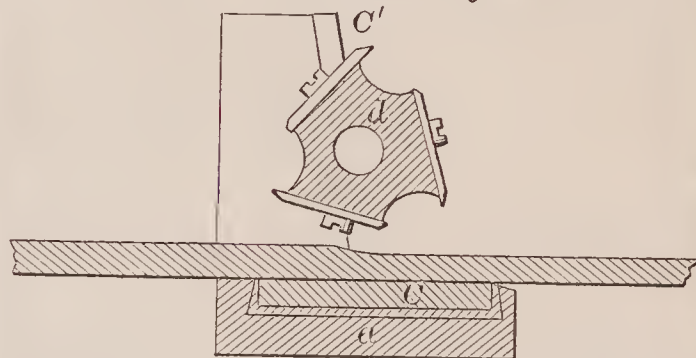
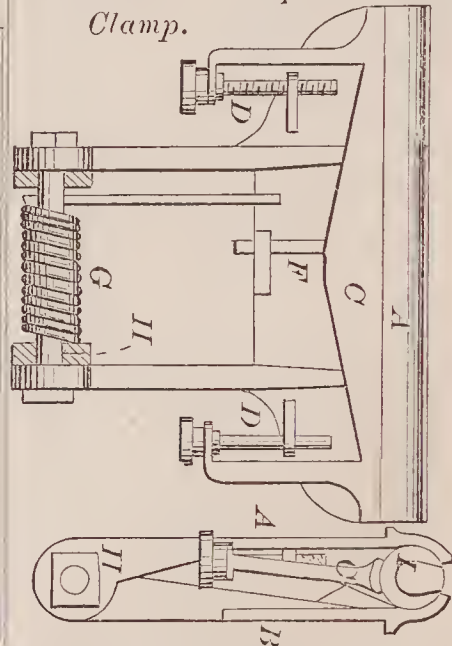
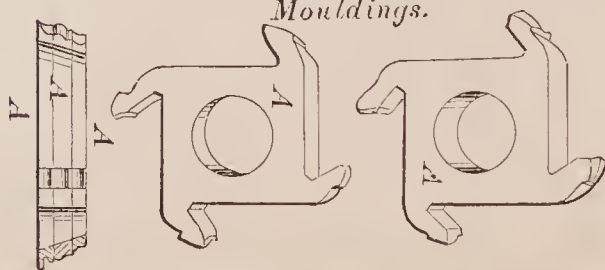


71812—J. St. John—*Folding Glass for Plants, &c.*

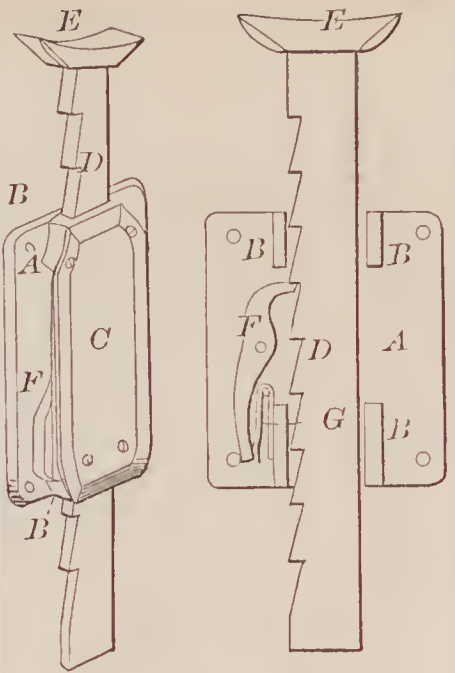


71809—F. A. Sterry—*Spindle Bolster.*



71813—T. Stone—*Brick Machine.*71819—C. M. Theberath—*Harness Mounting.*71816—J. B. Sweetland—*Harvester Rake.*71815—J. B. Sweetland—*Corn Harvester.*71814—A. & H. Streit—*Planing Machine.*71818—J. Temple—*Stitching Clamp.*71817—J. Temple—*Cutter Head for Mouldings.*

71821—W. T. Thornton—Seat Fastener.



71827—Webster & Baxter—Plow Wheel.

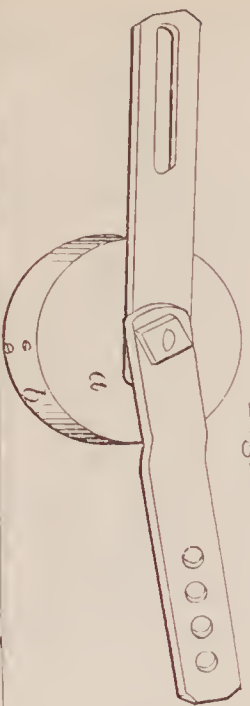
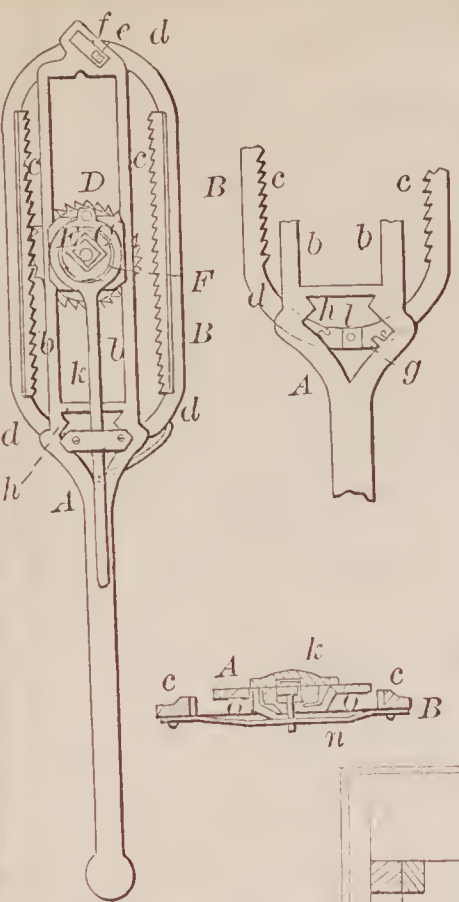


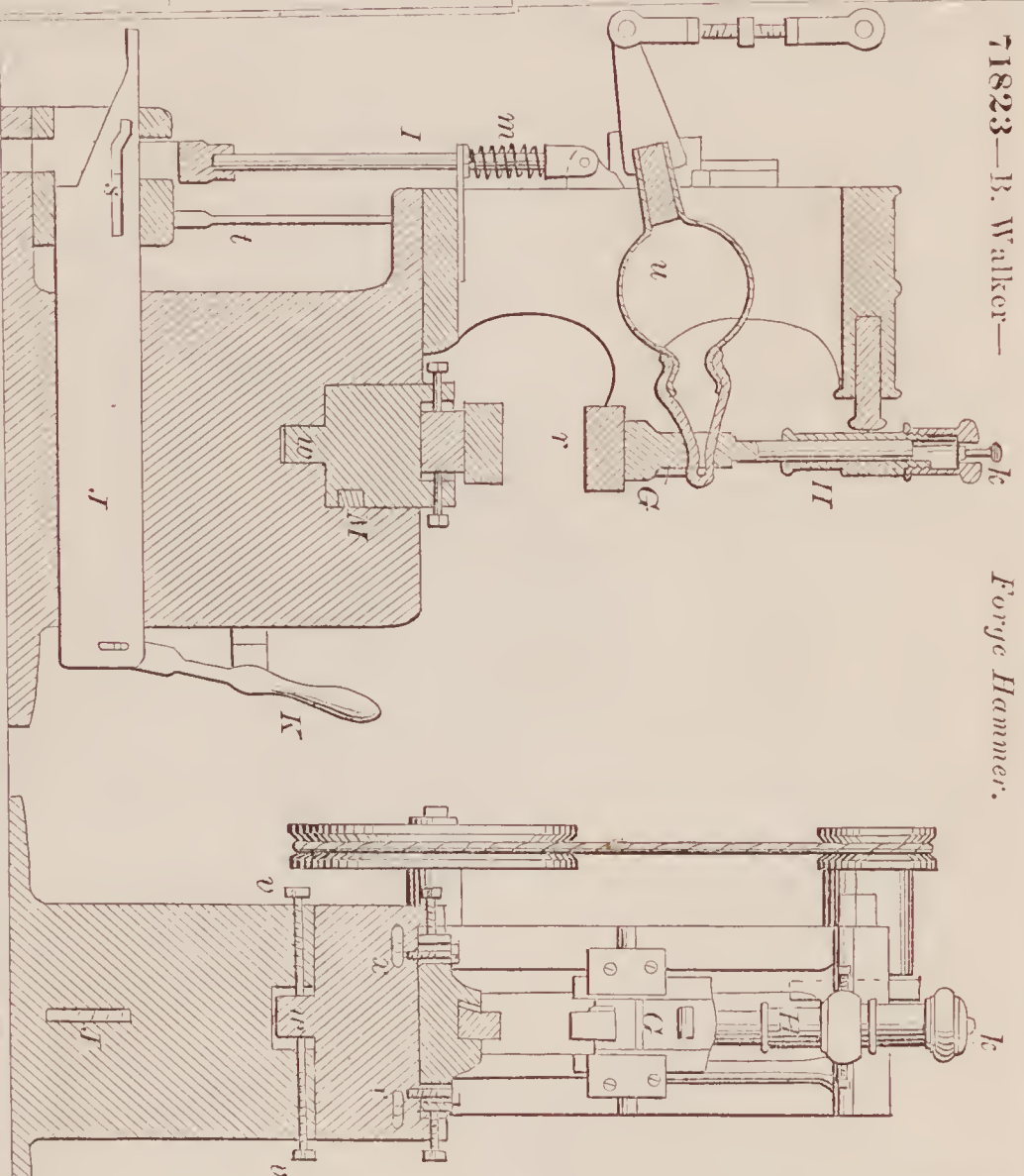
Fig. 1

71820—N. Thompson—For Transmitting Motion.

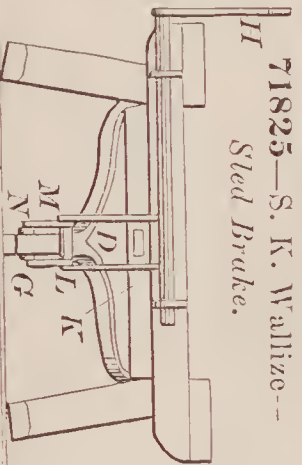


71823—B. Walker—

Forge Hammer.



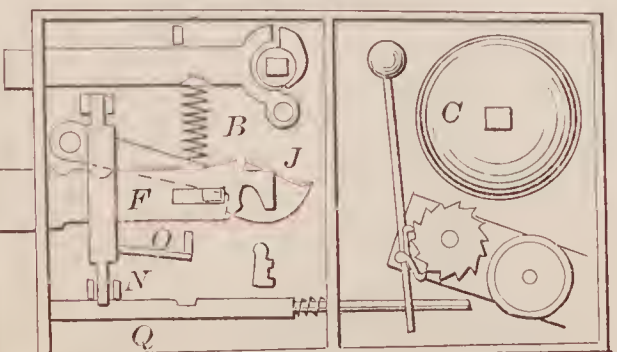
71825—S. K. Wallize—
Steel Brake.



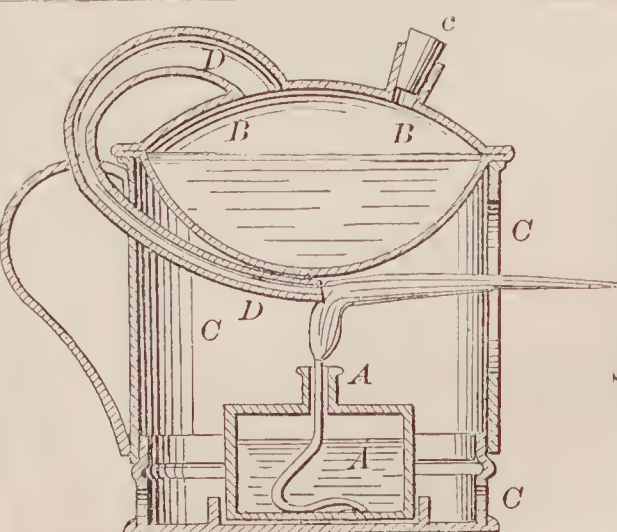
71824—A. Wallach—Safety
Hook for Watch Chains.

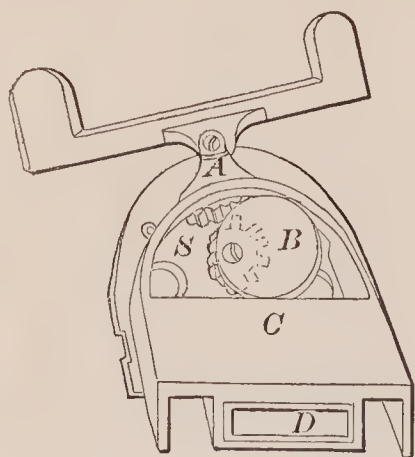
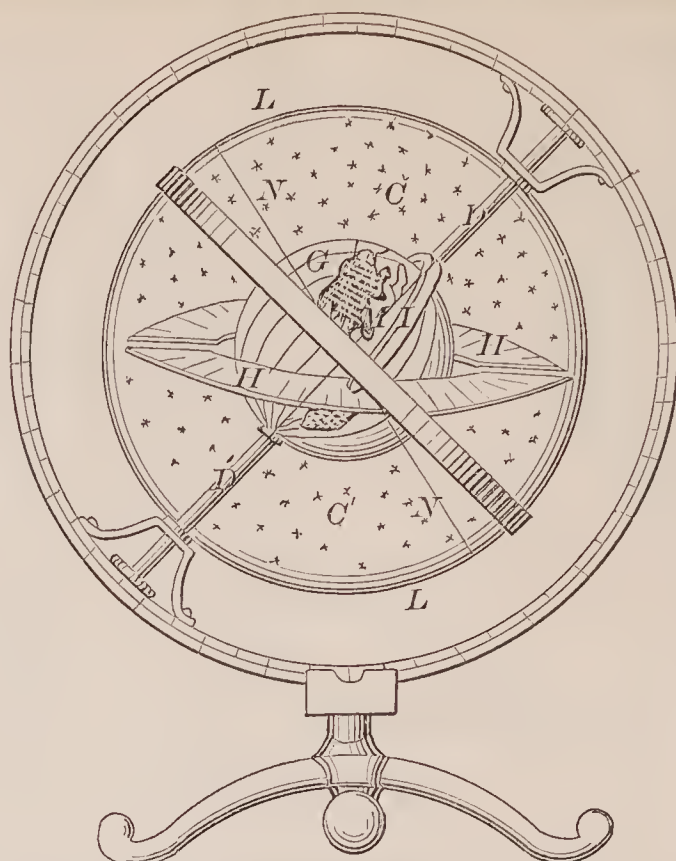
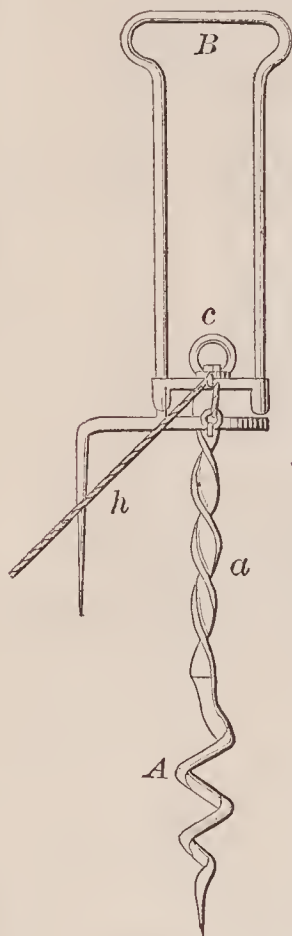
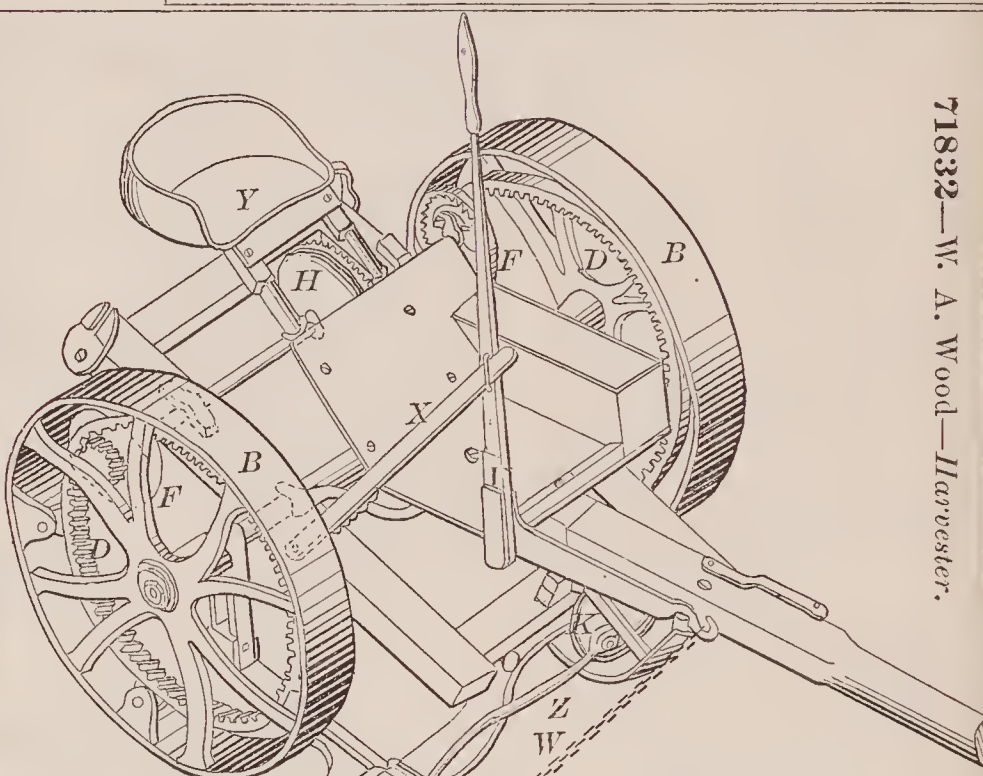
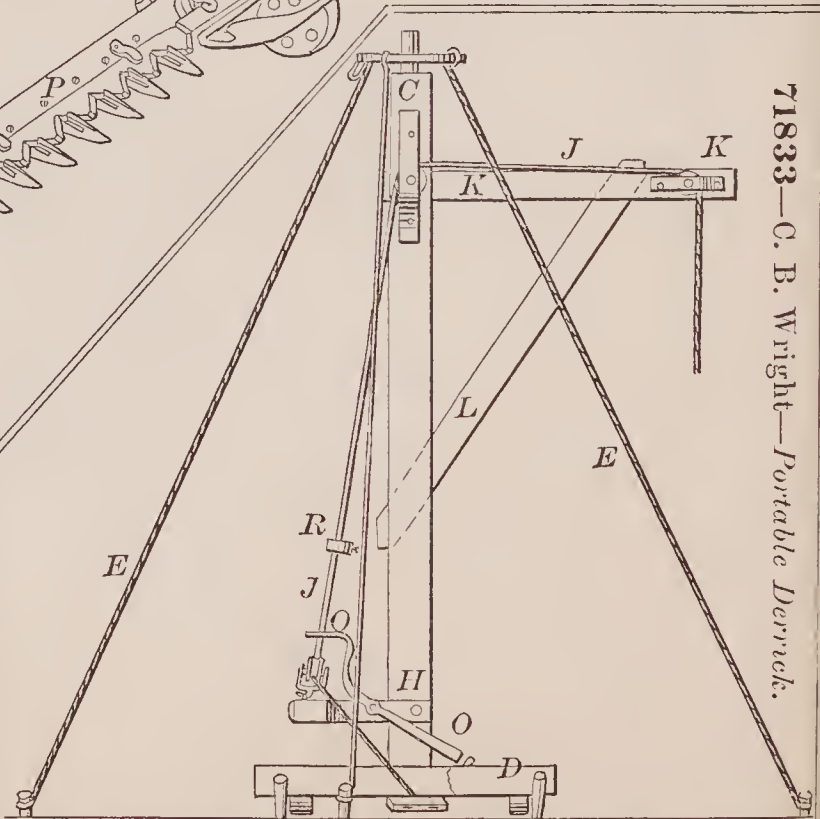


71822—E. Tracy—Burglar Alarm
Door Lock.



71826—G. Wanier—Plumbers'
and Painters' Lamp.

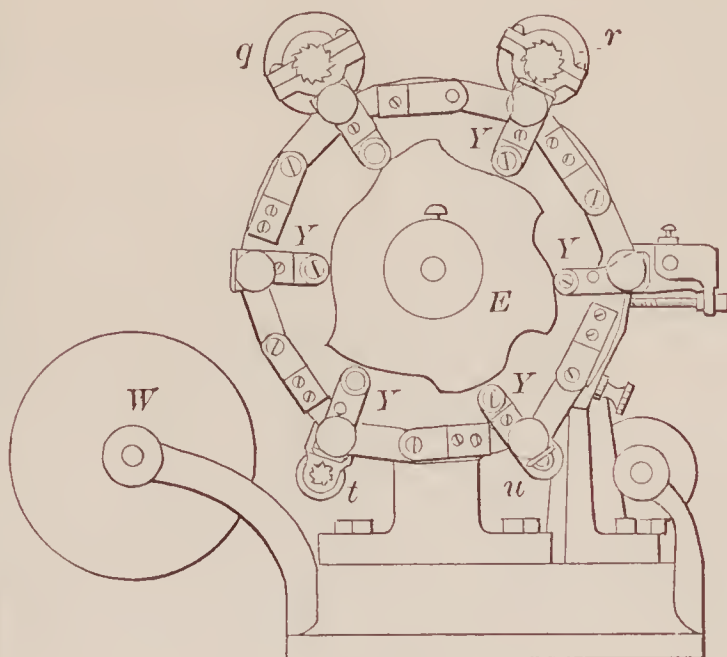


71828—G. Wells—*Door Holder*.71830—H. Williamson—*Concentric Globes*.71829—L. Willard—*Horse Hay Fork*.71832—W. A. Wood—*Harvester*.71833—C. B. Wright—*Portable Derrick*.71831—B. Witherell—*Corn Cake Mould*.

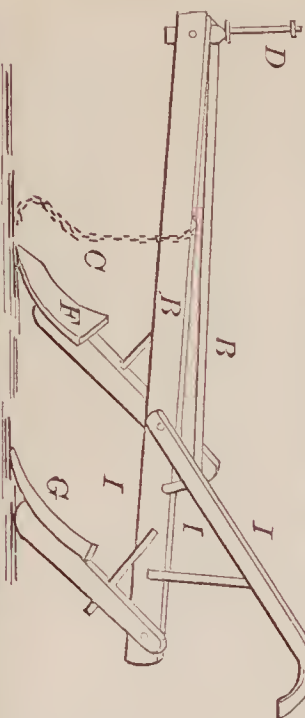
71835—T. S. Judson—Harness Trace.



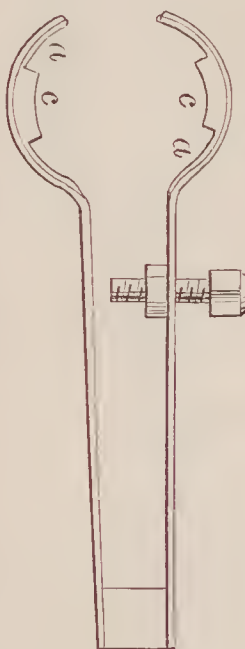
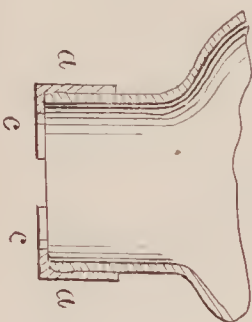
71836—W. Aikin—For Notching Knitting Needles.



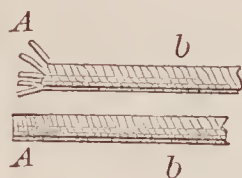
71834—L. Barber—Cultivator.



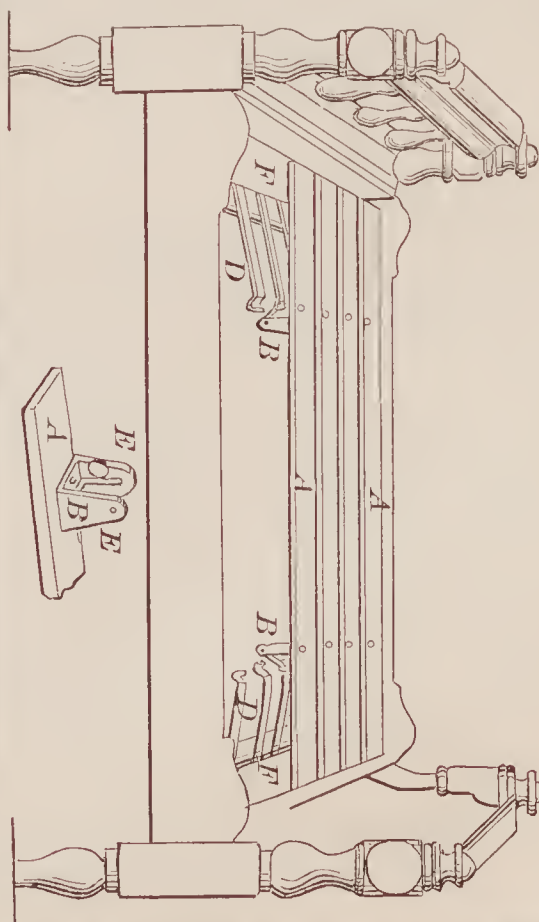
71838—L. J. Atwood—For Sizing Lamp Chimneys.



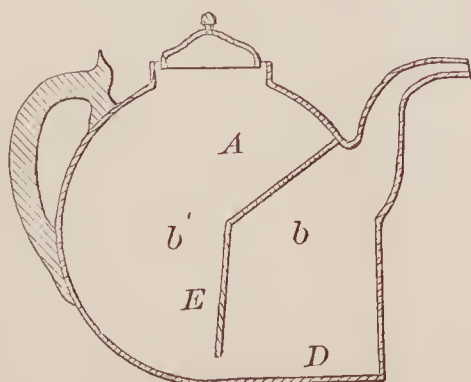
71839—A. Barberin—For Securing Ends of Wire Rope.

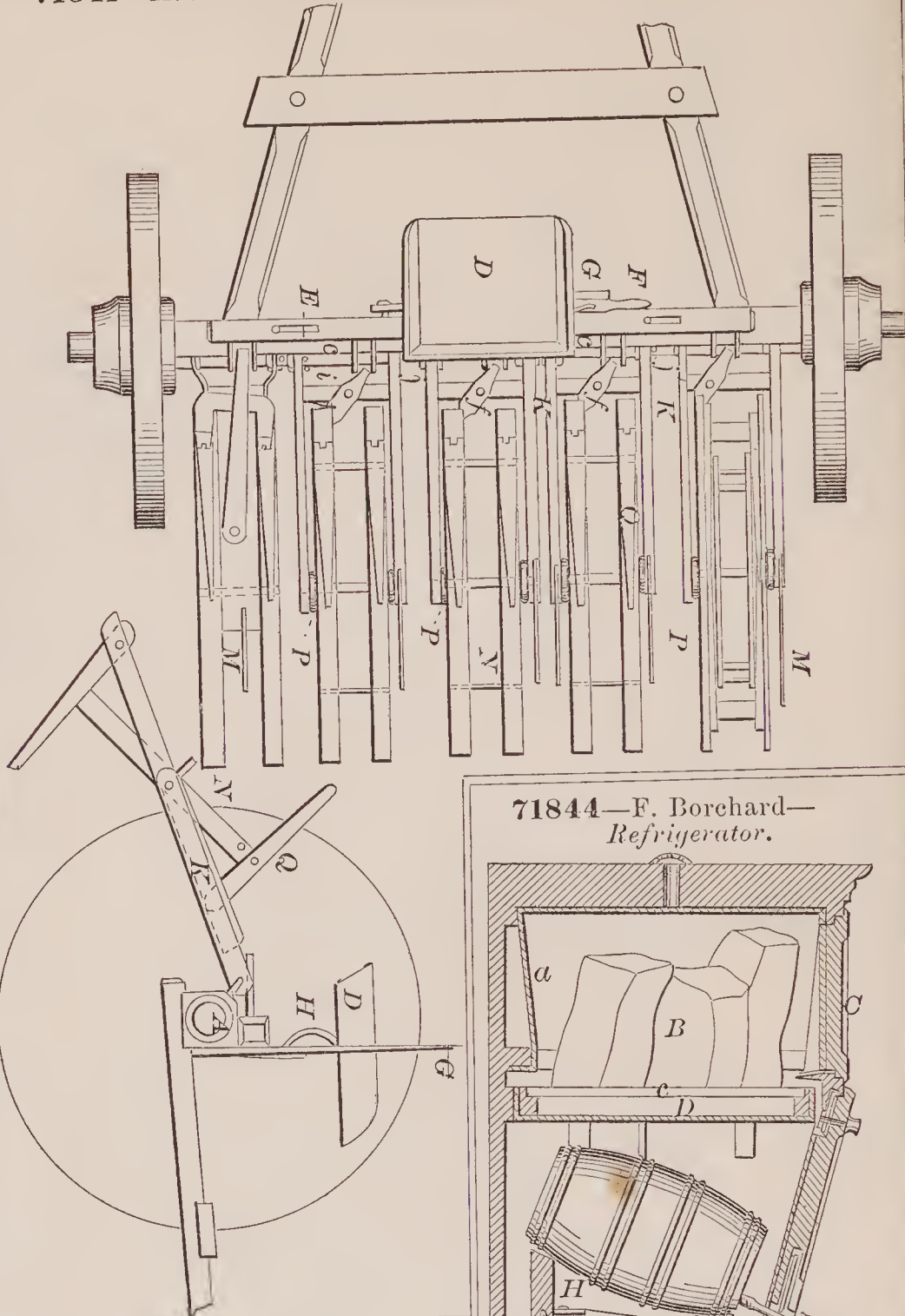
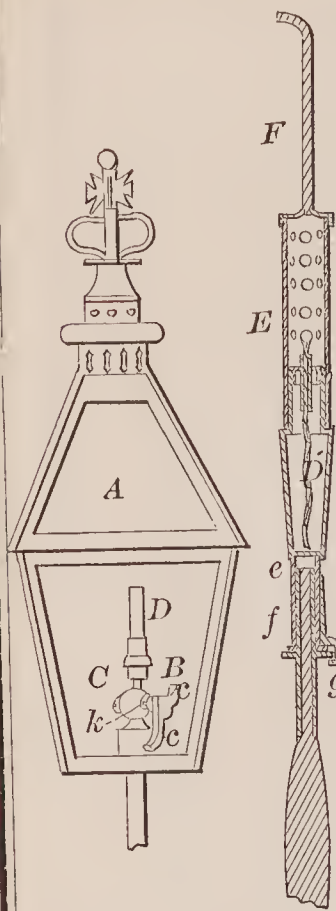
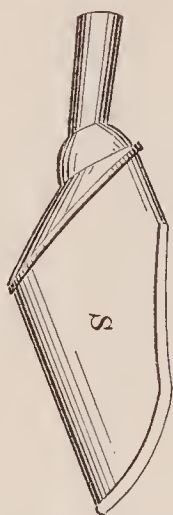
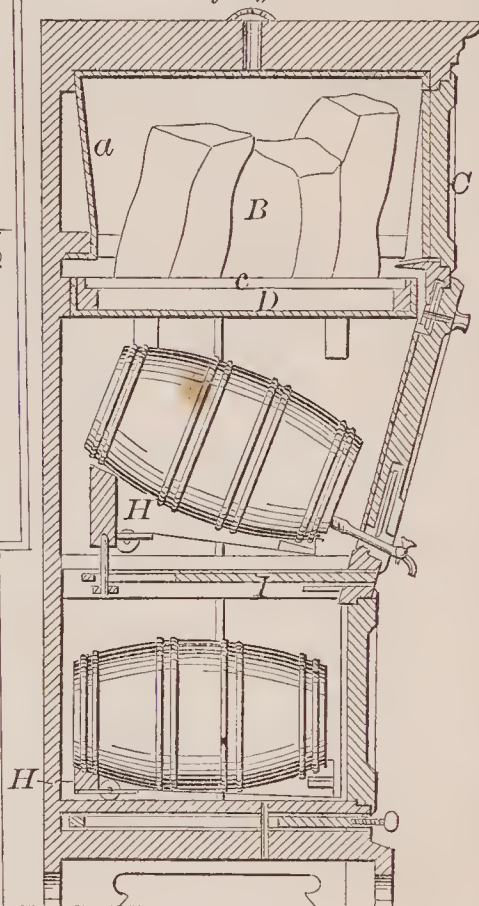
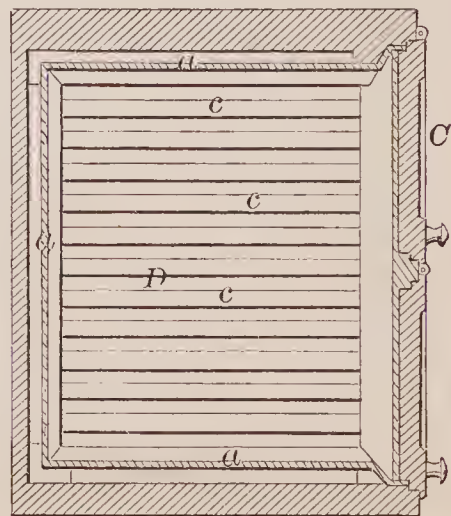
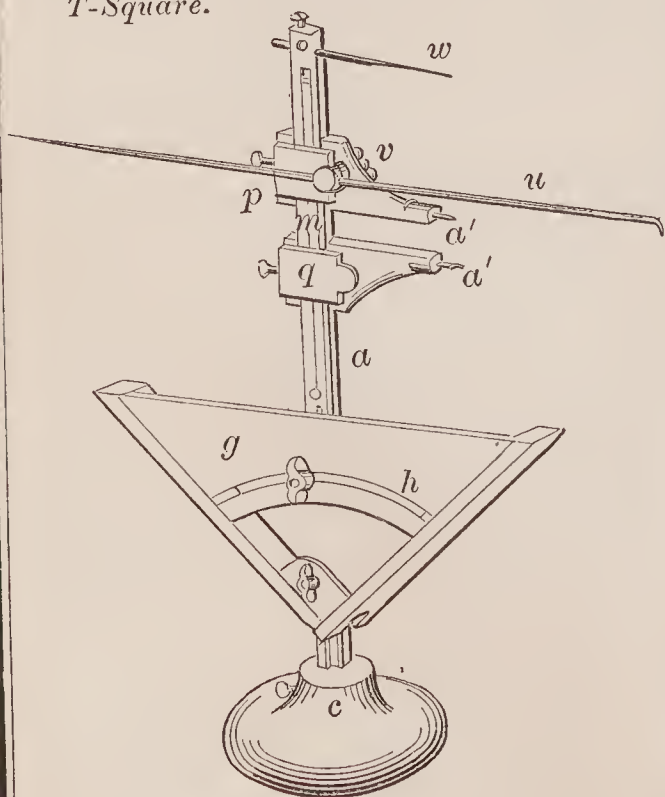


71840—A. B. Baty—Spring Bed Bottom.

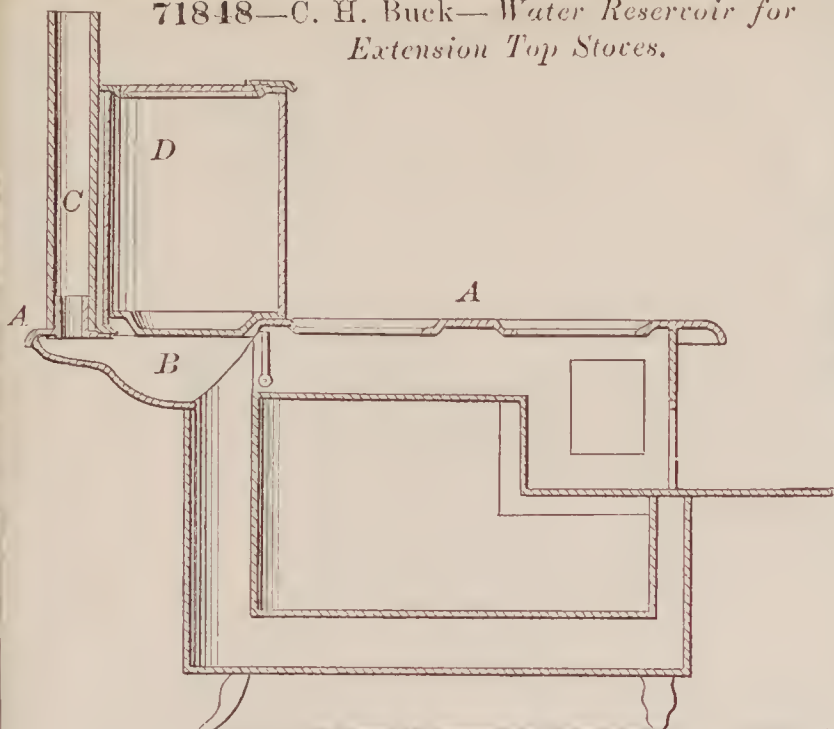


71837—A. Arnold—Tea and Coffee Pot.

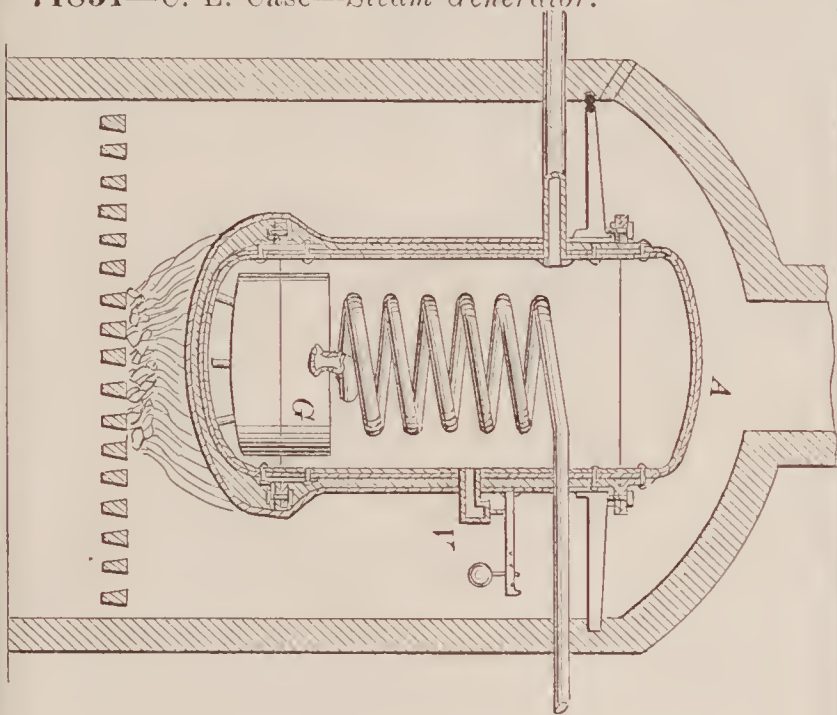


71841—H. L. Beach—*Horse Rake.*71842—J. W. Beard—*For Lighting Street Gas Lamps, &c.*71847—T. C. Bromley—*Scoop.*71844—F. Borchard—*Refrigerator.*71845—G. Brabrook—*Metal Salver.*71843—J. Bennor—*Calipers and T-Square.*

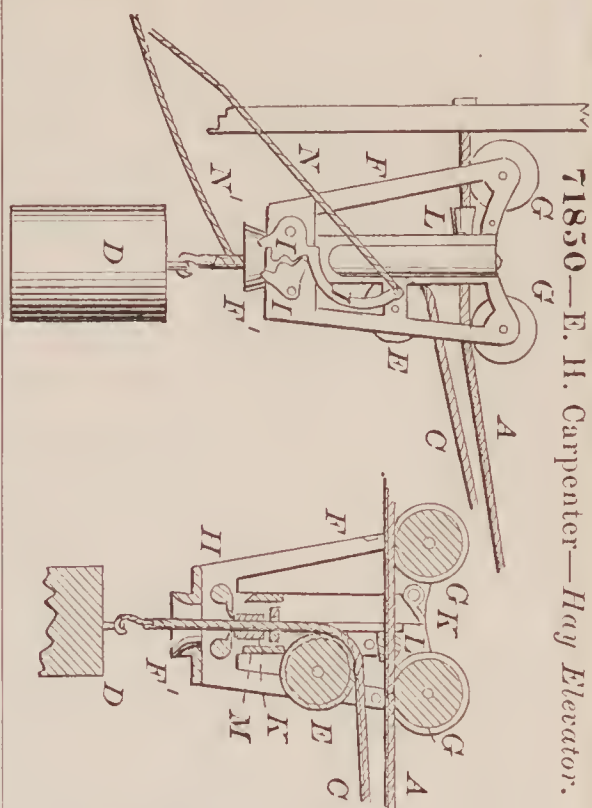
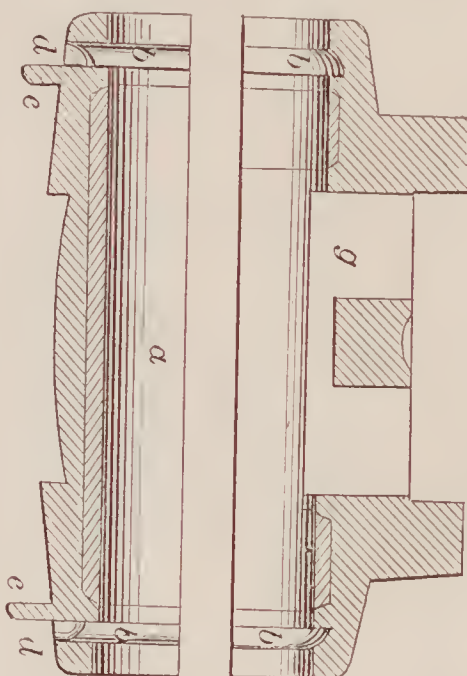
71848—C. H. Buck—*Water Reservoir for Extension Top Stoves.*



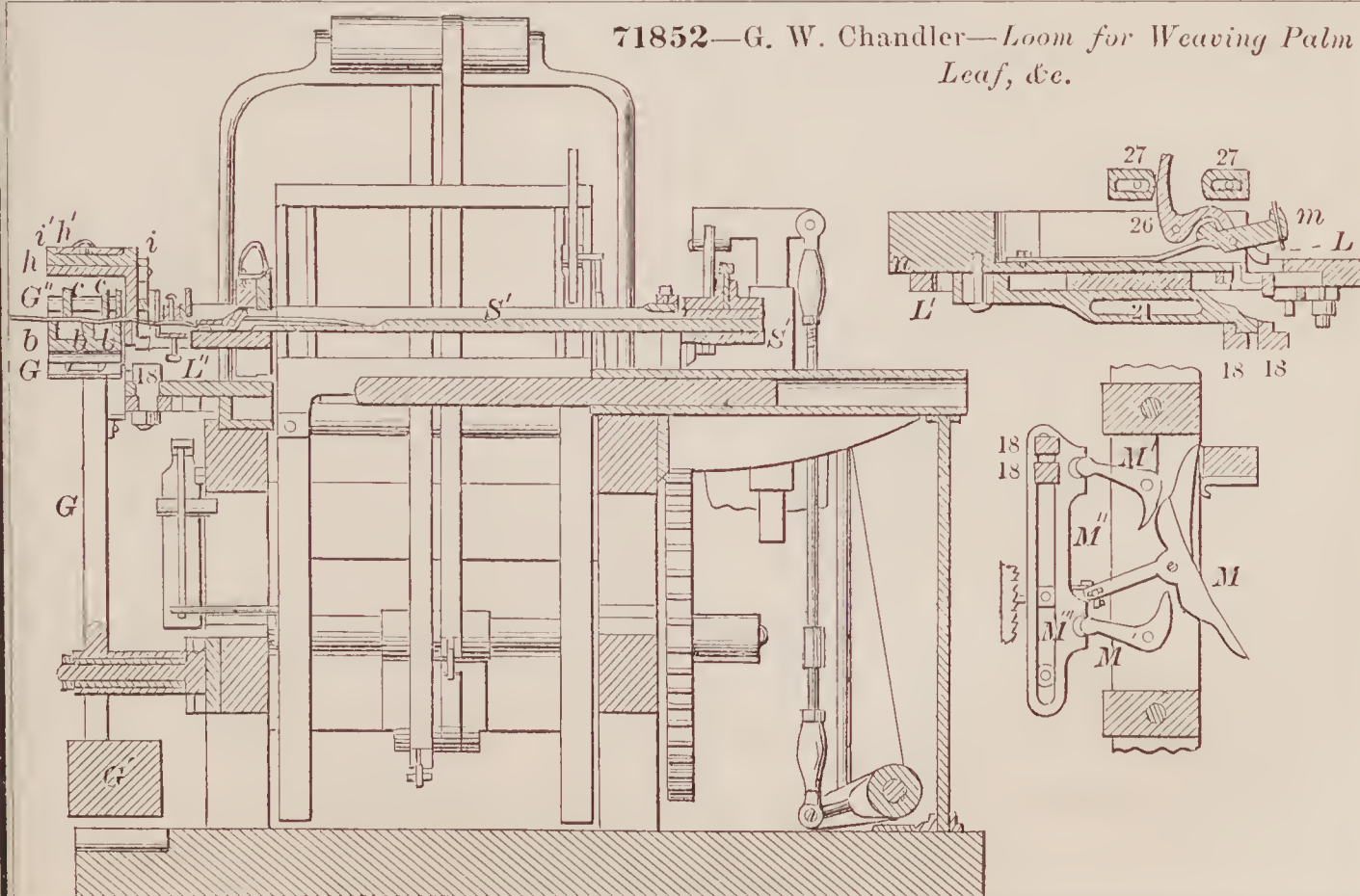
71851—C. E. Case—*Steam Generator.*

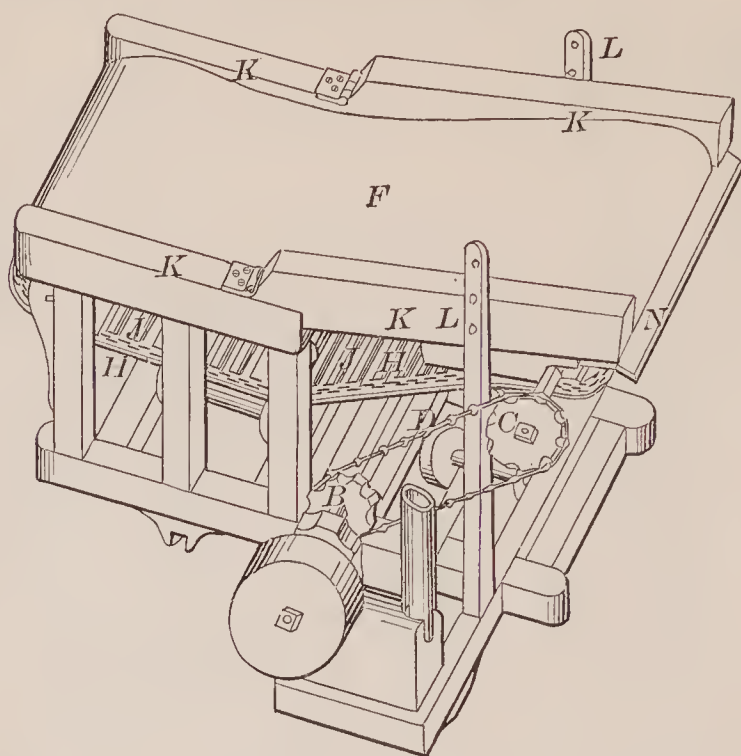
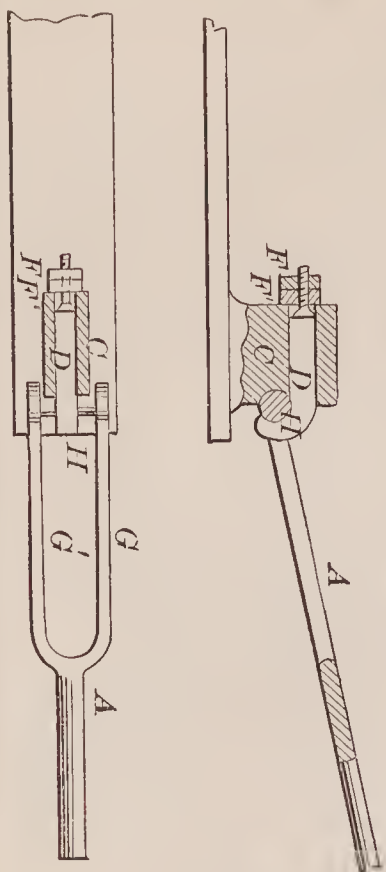
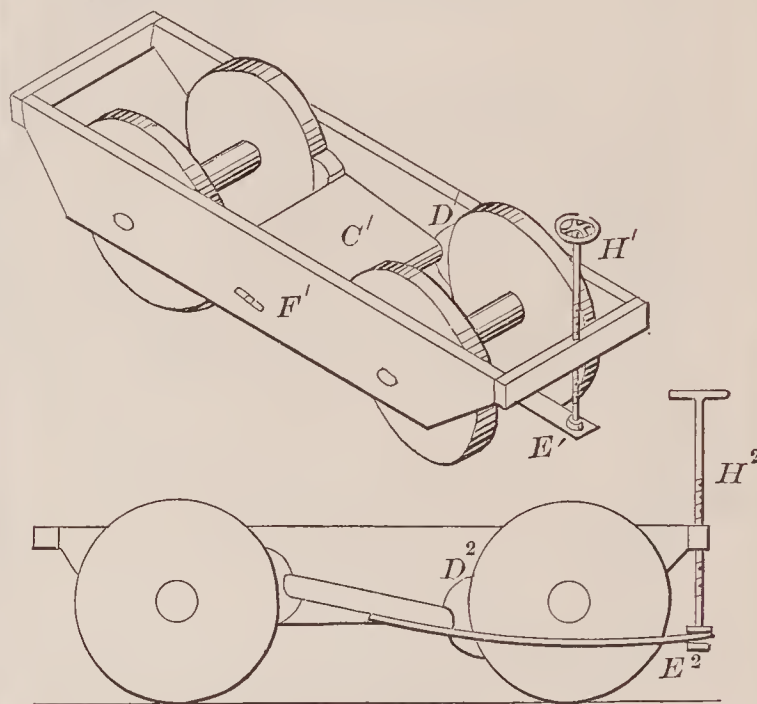
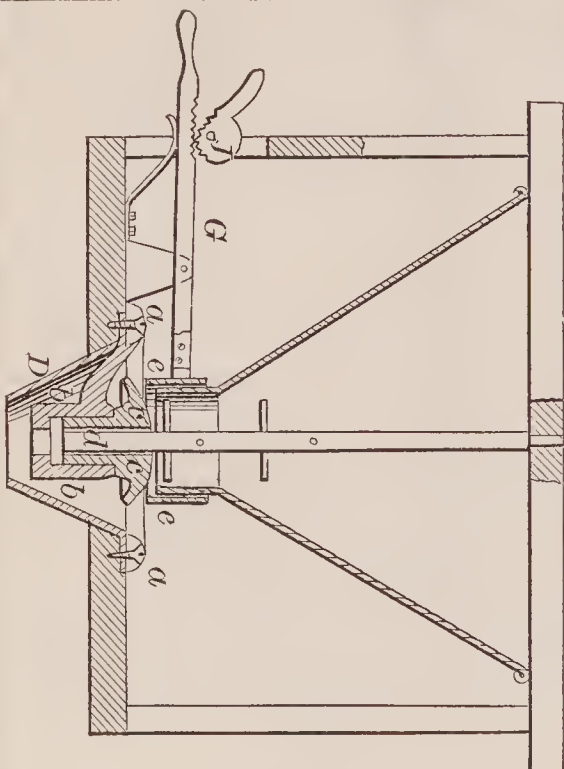
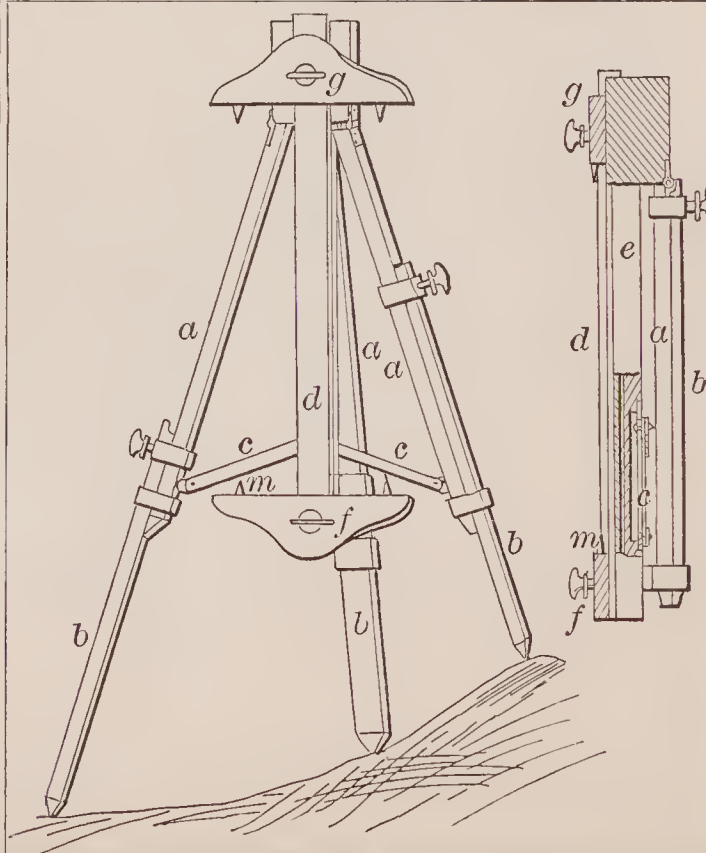
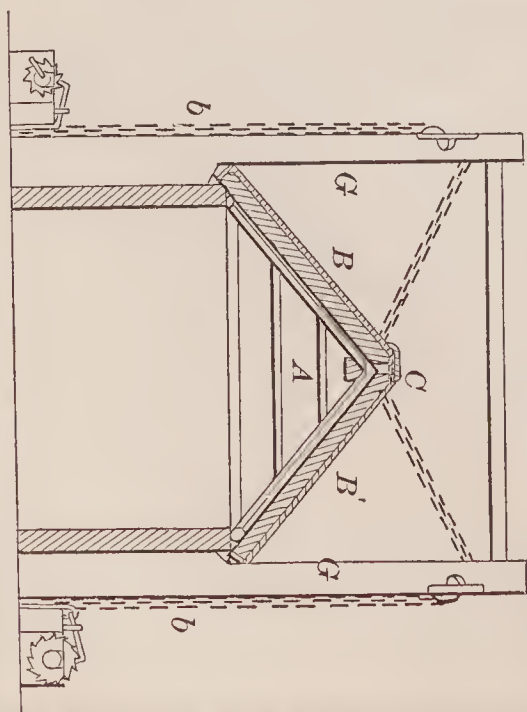


71850—E. H. Carpenter—*Hay Elevator.*

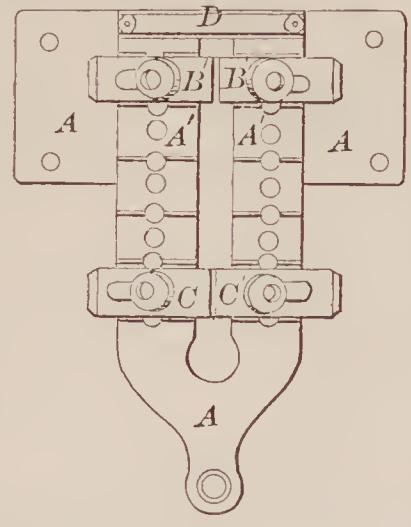
71849—T. F. Burgess—*Journal Box.*

71852—G. W. Chandler—*Loom for Weaving Palm Leaf, &c.*

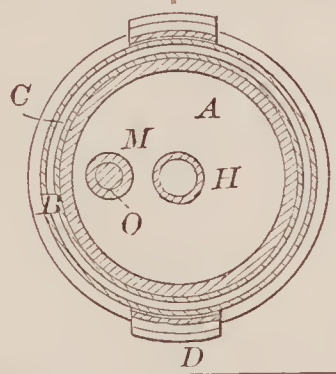
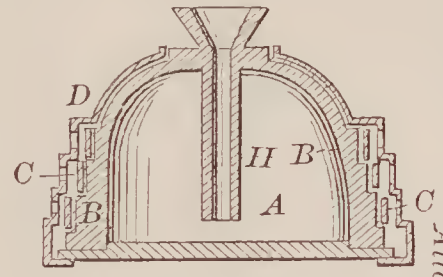
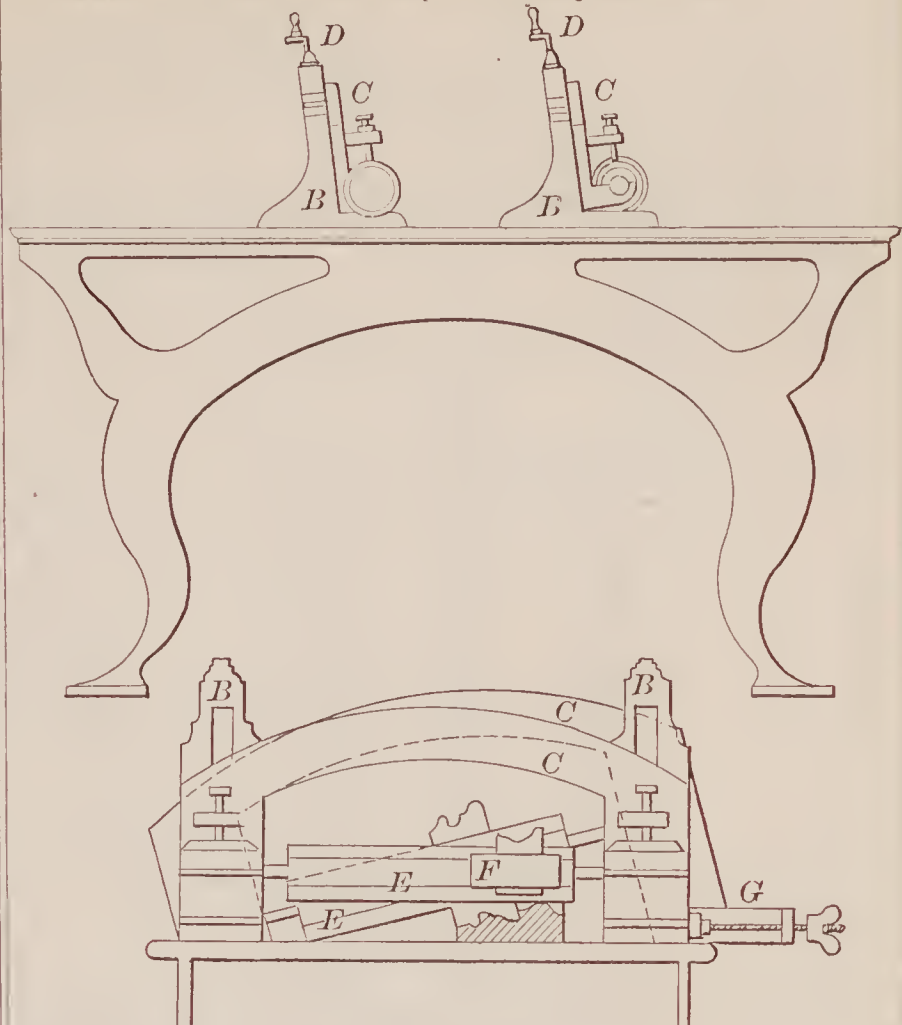


71854—E. Comeaux—*For Making Levees.*71853—G. W. Clark—*Pitman Coupling.*71856—S. Davis—*Car Brake.*71857—M. Decamp—*Feeder for Grain Mills.*71858—P. Dechausse—*Painters' Easel.*71855—M. Dek. Cuts—*Construction of Roofs.*

71859—H. P. Dillingham—*Guide for Saws in Saw Mills.*

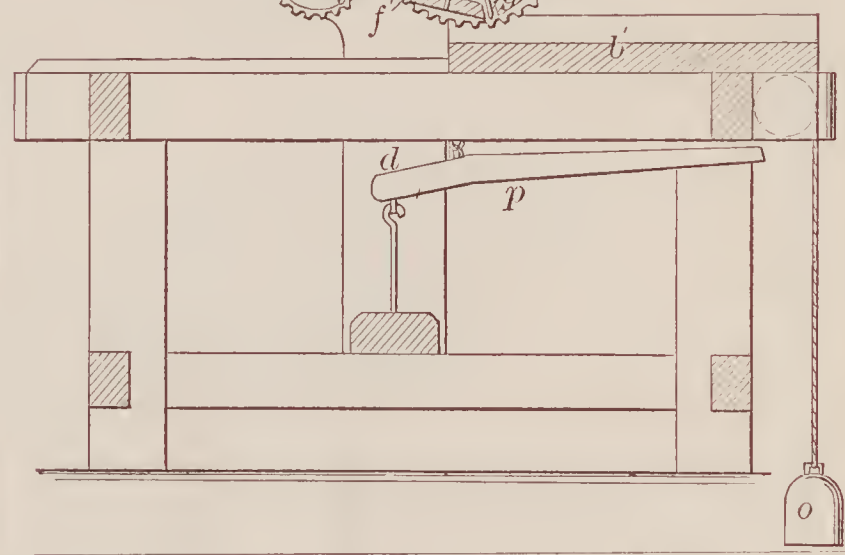
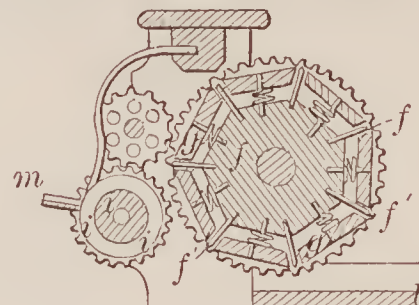


71862—Durkee & Murray—*Planing Machine.*

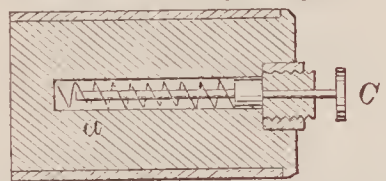


71861—S. R. Dummer—*Calendar Attachment to Lathes.*

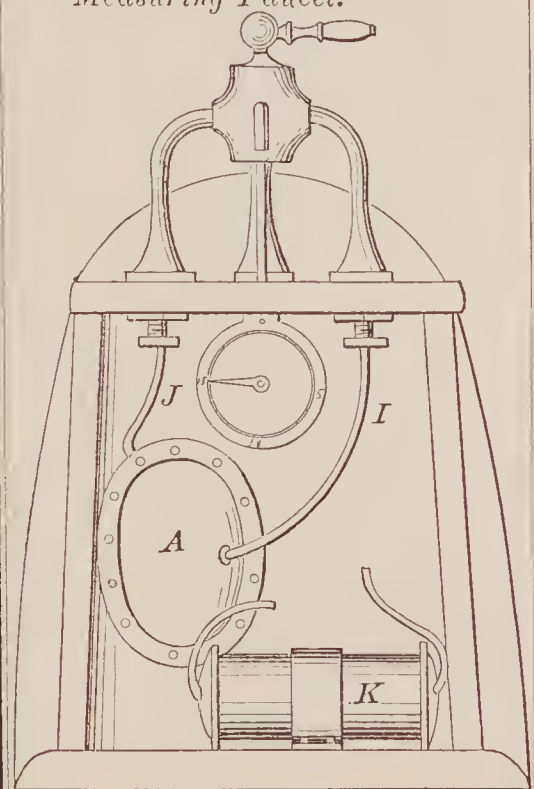
71864—L. Felker—*Corn Cake Cutter.*



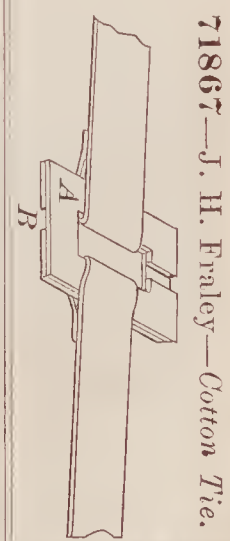
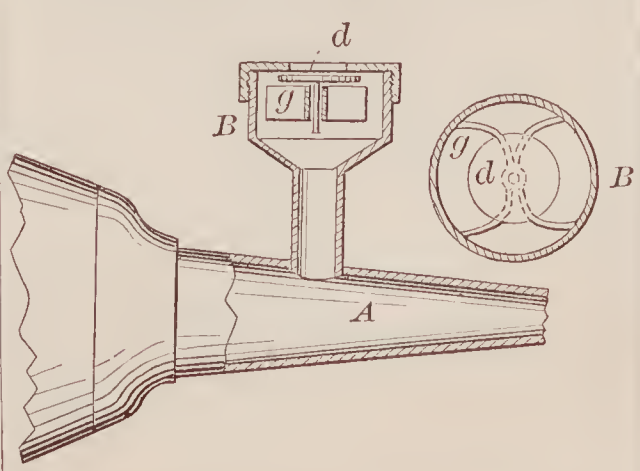
71863—J. M. Fairchild—*Self-Adjusting Relay Magnet.*



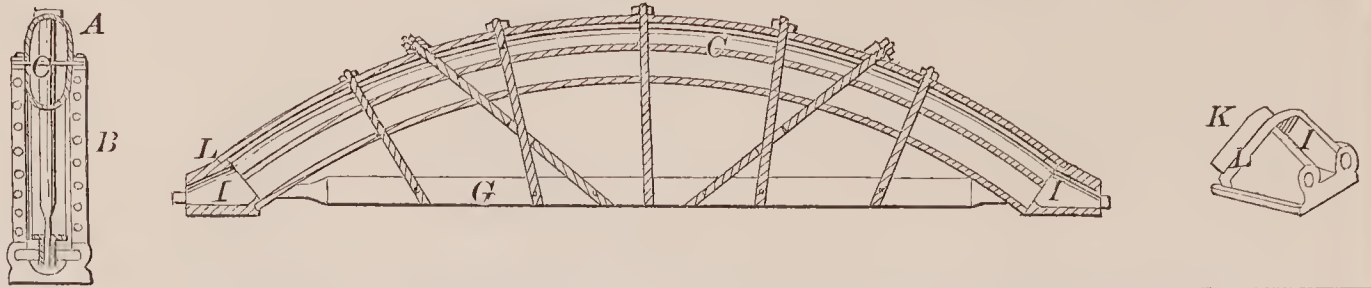
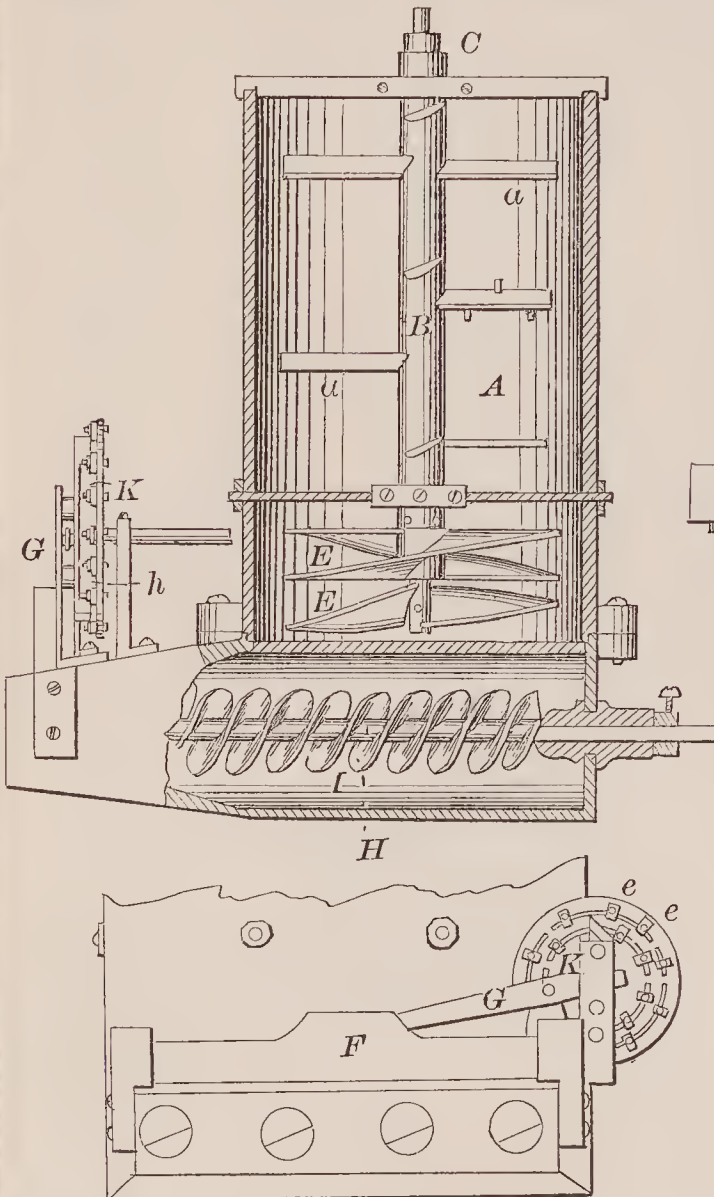
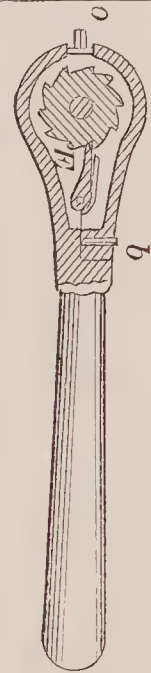
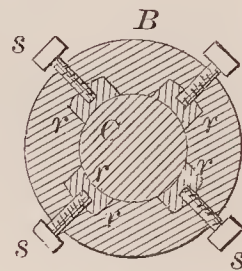
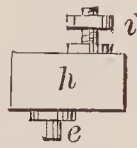
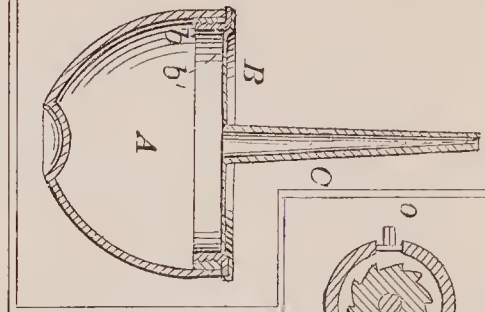
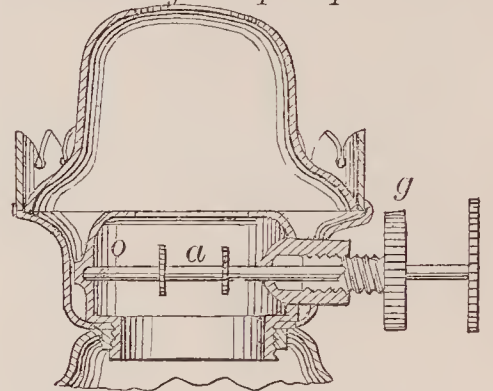
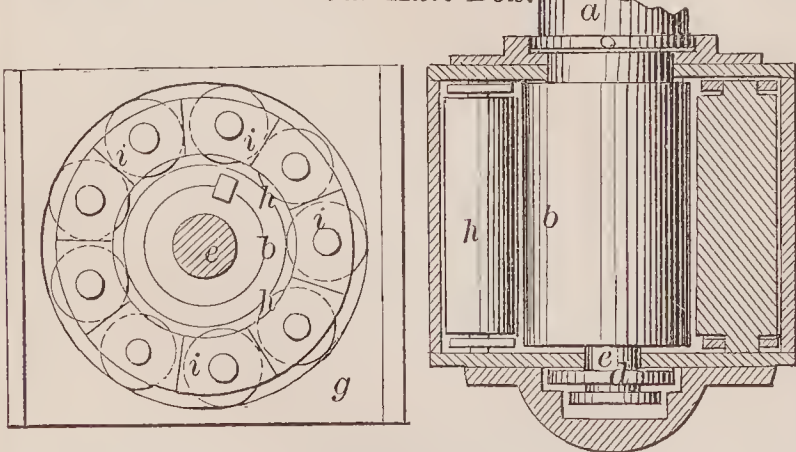
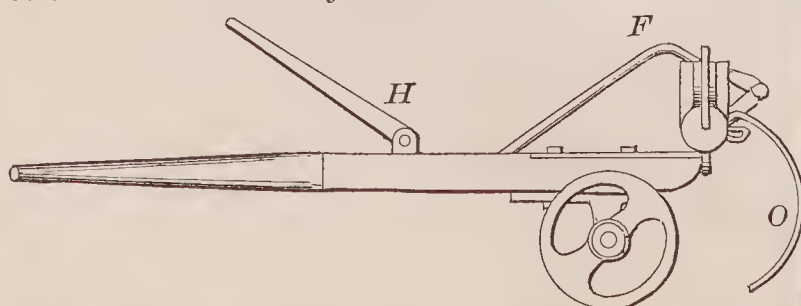
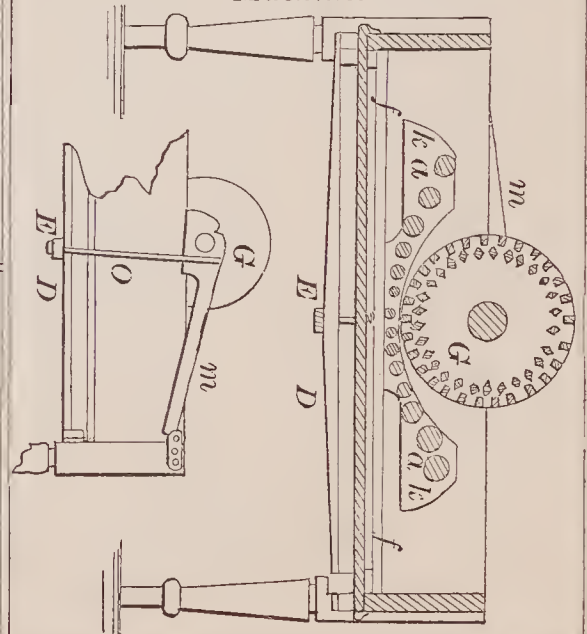
71865—E. Fitzgerald—*Measuring Faucet.*



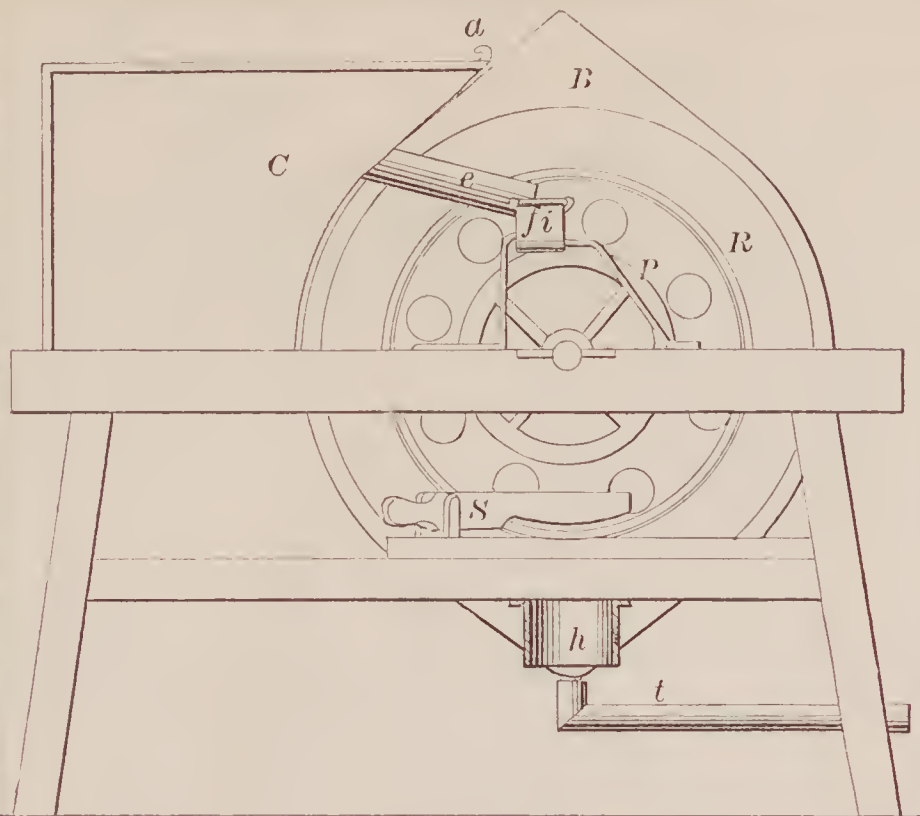
71866—C. C. Fornerook—*Tuyere.*



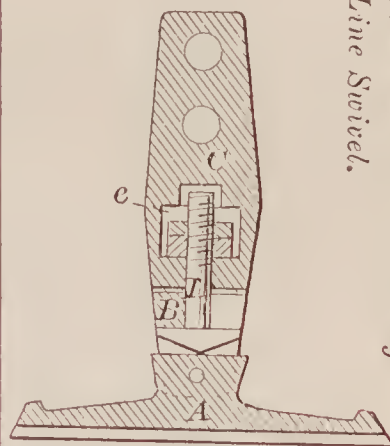
71867—J. H. Fraley—*Cotton Tie.*

71868—Glass, Schneider & Regner—*Bridge.*71870—G. D. Goodrich—*Peat Machine.*71869—J. H. Gomer—*Oil Cup.*71871—W. M. Gray—*Ratchet Bed Key.*71872—C. P. Grosvenor—*Preventing Lamp Explosions.*71873—J. Harris—*Car Axle Box.*71875—J. V. Hawkey—*Horse Rake.*71874—J. H. Haskell—*Washing Machine.*

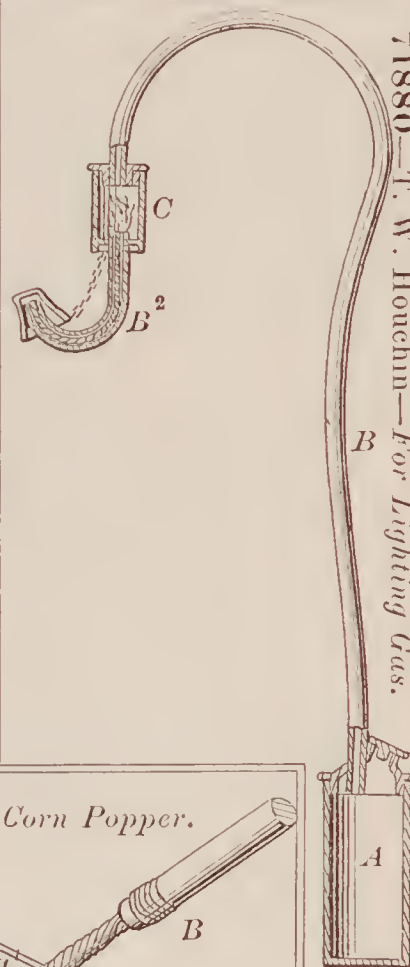
71876—J. B. Hill—*For Draining Sugar.*



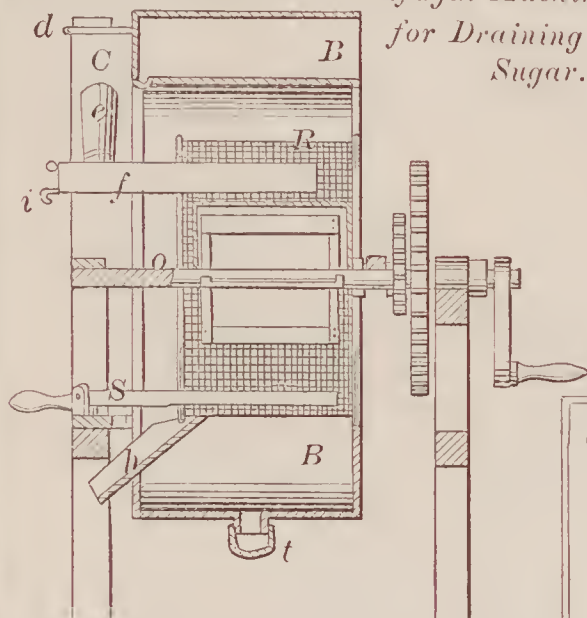
71879—M. Hittz—*Fishing Line Swivel.*



71880—T. W. Houchin—*For Lighting Gas.*



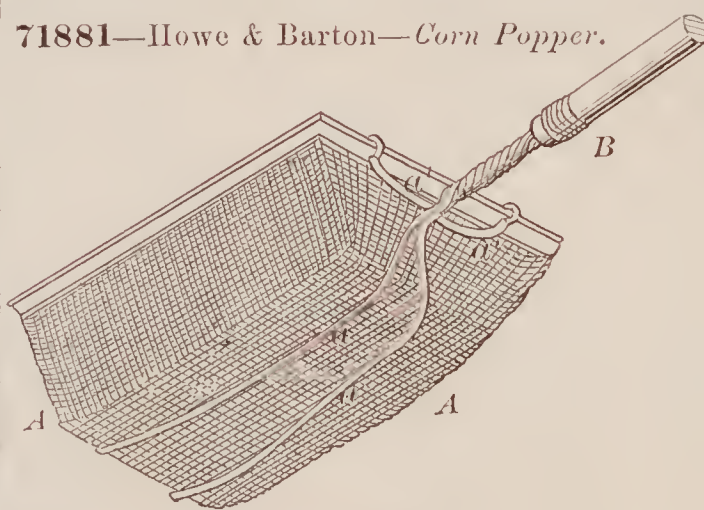
71877—J. B. Hill—*Centrifugal Machine for Draining Sugar.*



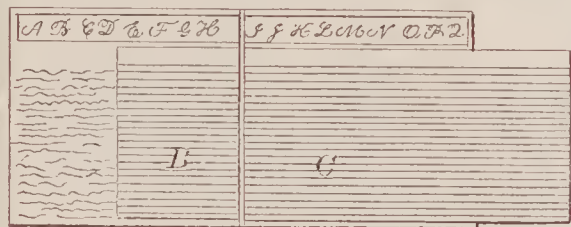
71878—S. L. Hill—*Card Holder.*



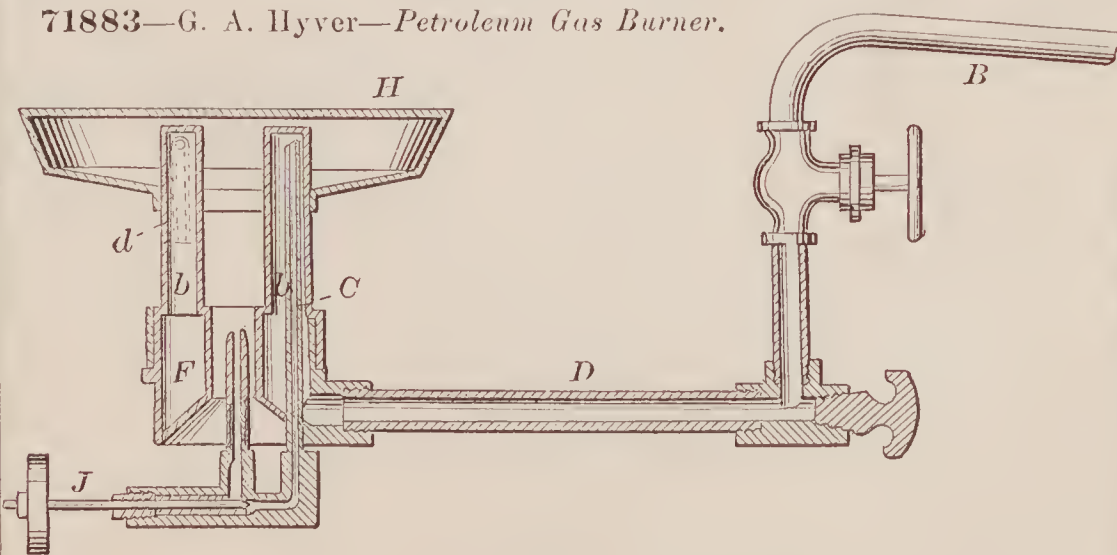
71881—Howe & Barton—*Corn Popper.*



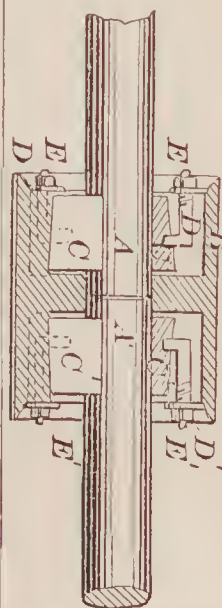
71882—B. G. Howes—*Copy Book.*



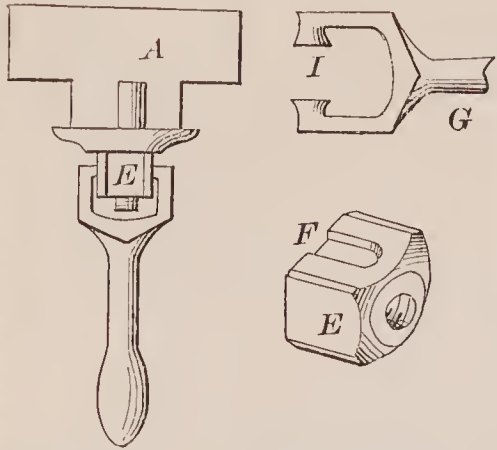
71883—G. A. Hyver—*Petroleum Gas Burner.*



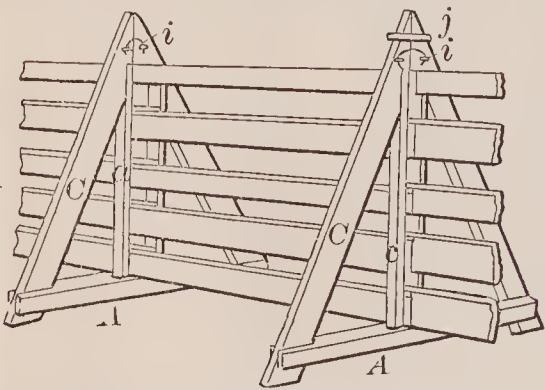
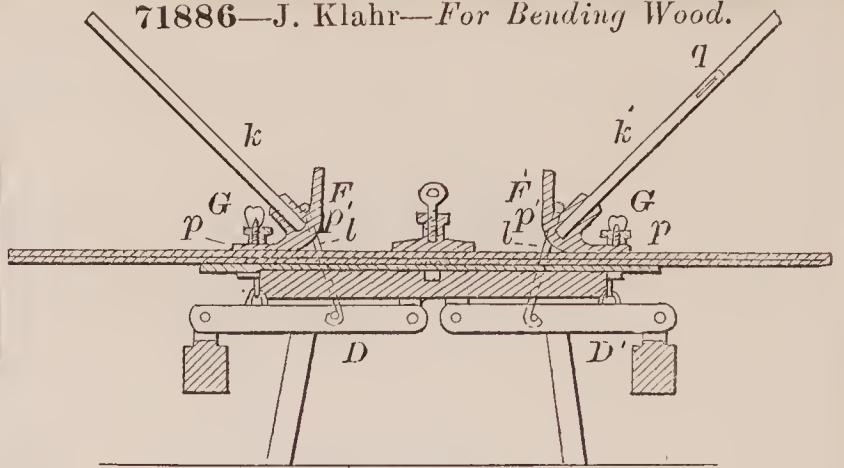
71884—J. Keesey—*Shaft Coupling.*



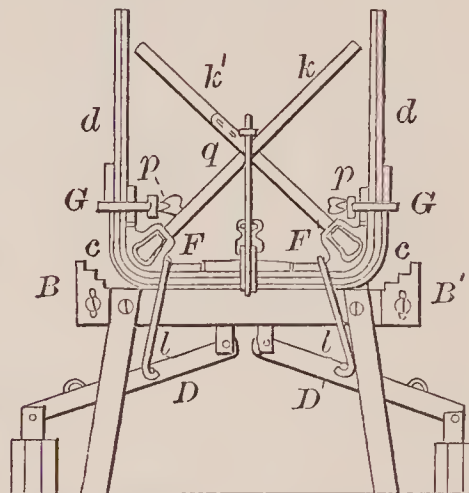
71885—C. L. Kingsley—*Clamp Screw.*



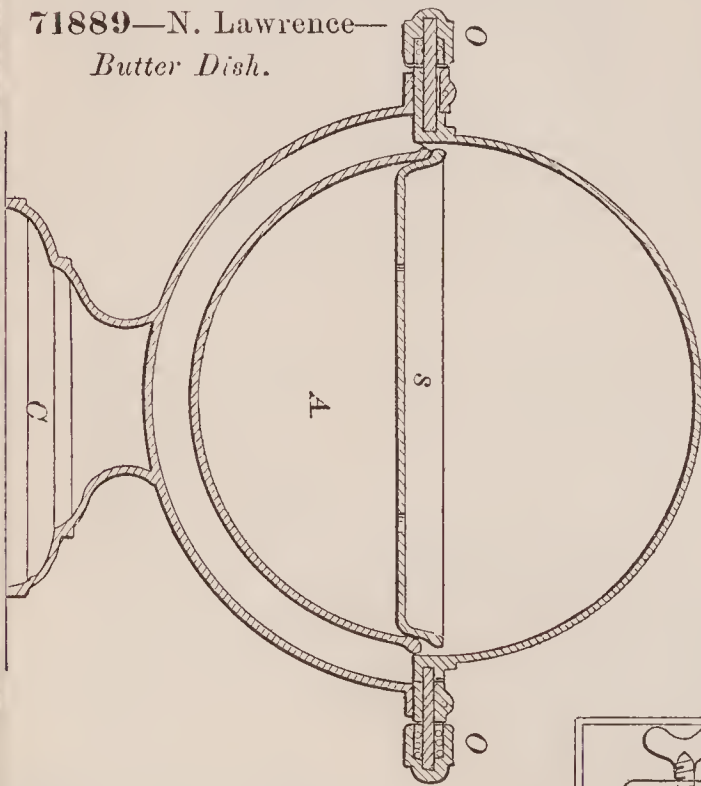
71886—J. Klahr—*For Bending Wood.*



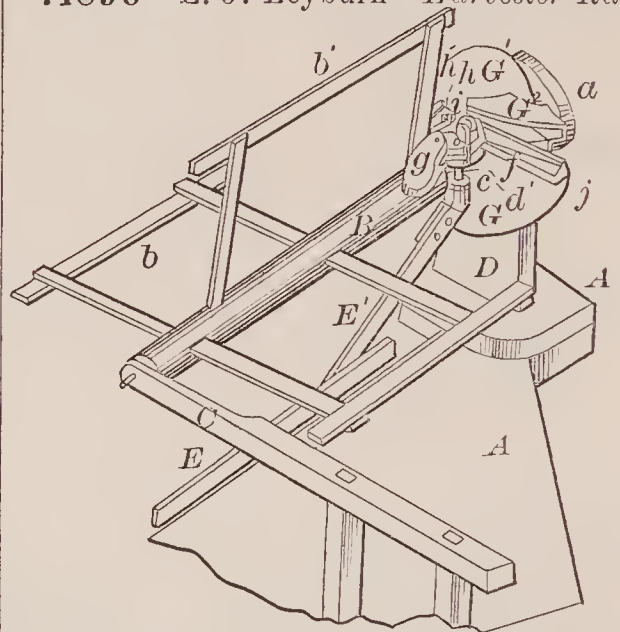
71888—I. Lackey—*Fence.*



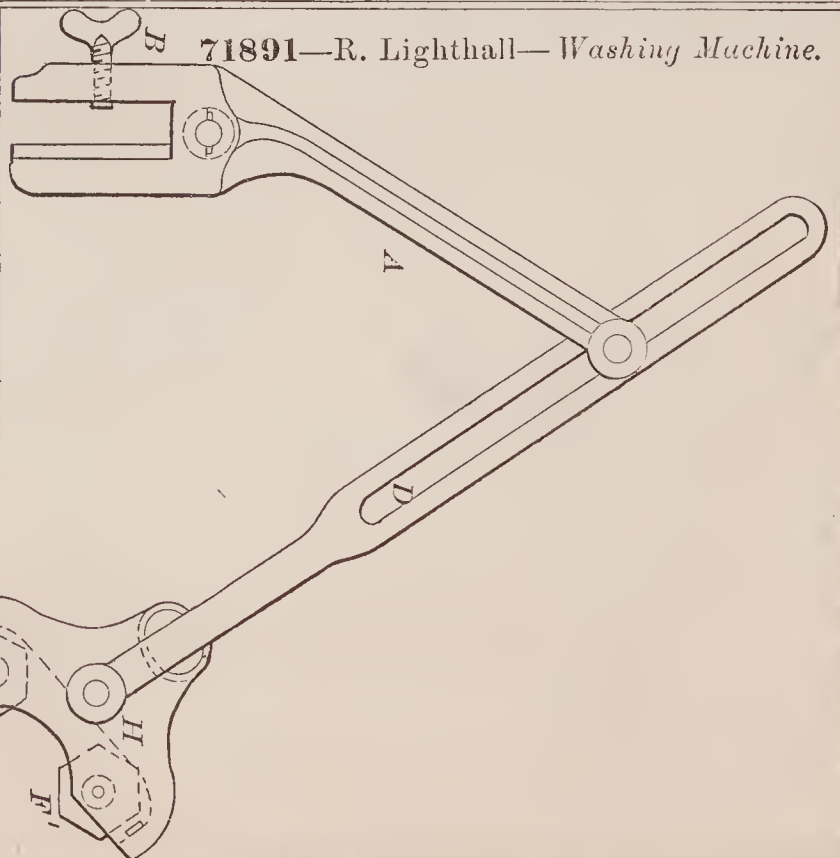
71889—N. Lawrence—*Butter Dish.*



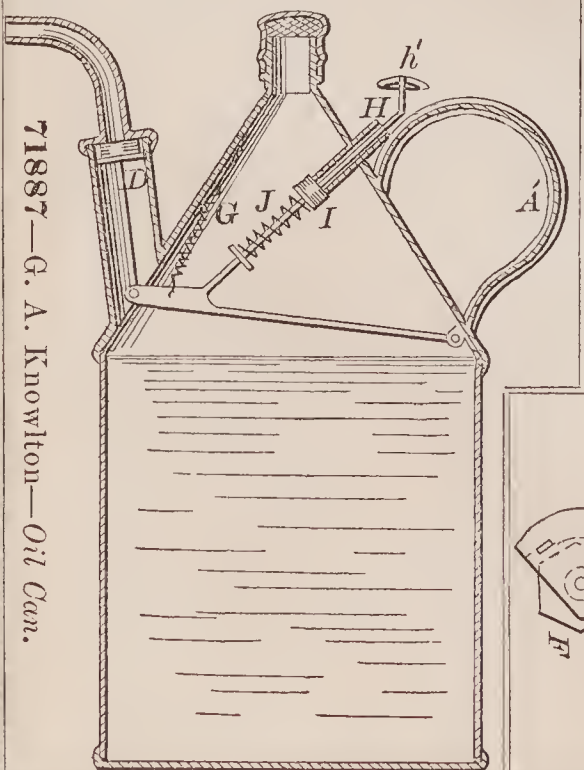
71890—E. J. Leyburn—*Harvester Rake.*



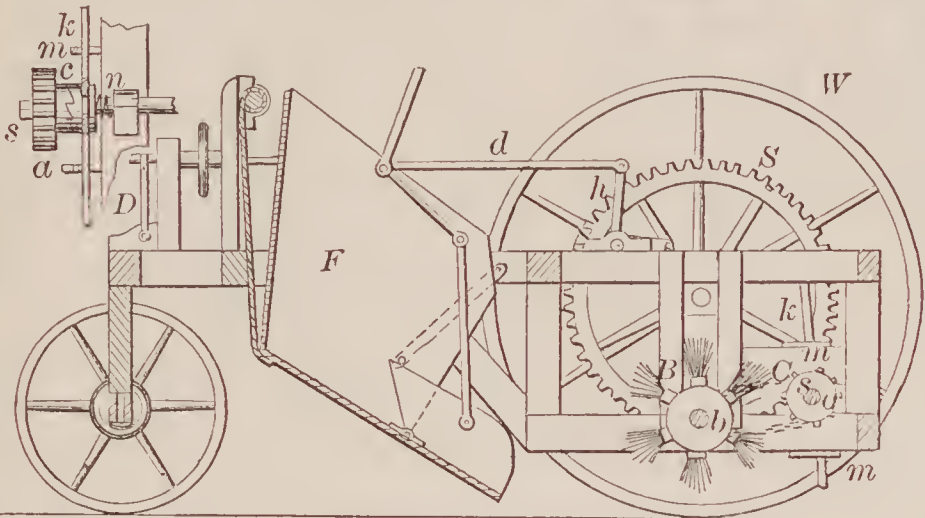
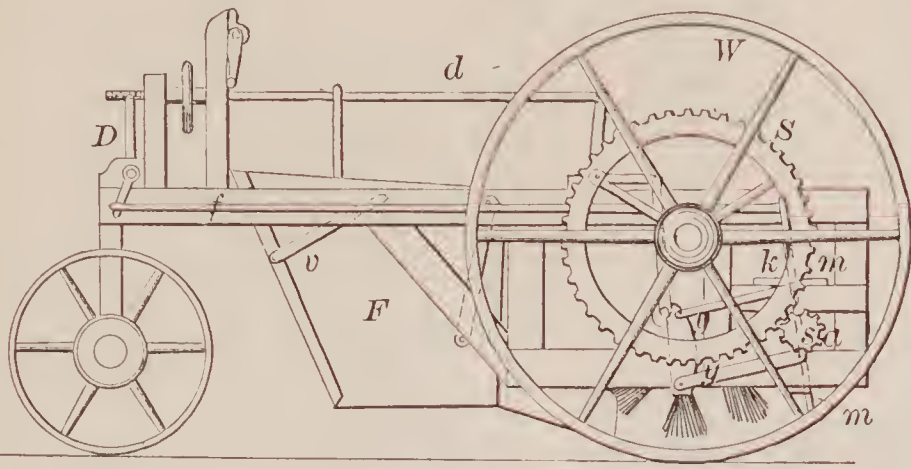
71891—R. Lighthall—*Washing Machine.*



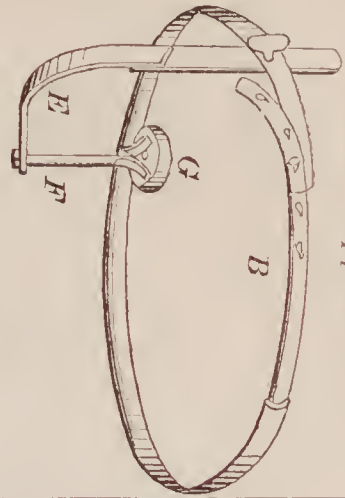
71887—G. A. Knowlton—*Oil Can.*



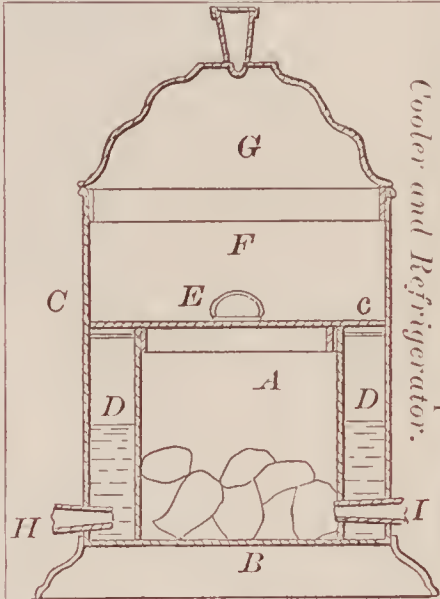
71894—McConnell & Pringle—Street Sweeper.



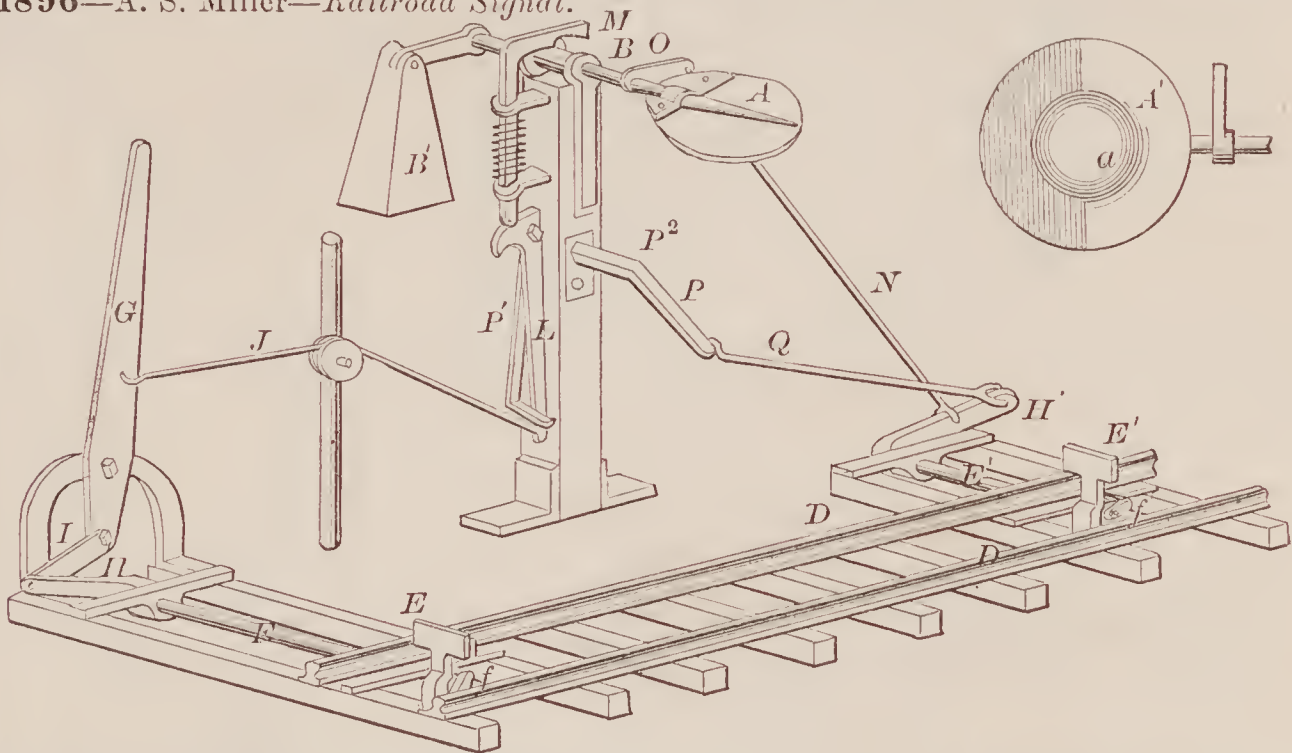
71895—F. Mervether—
Uterine Supporter.



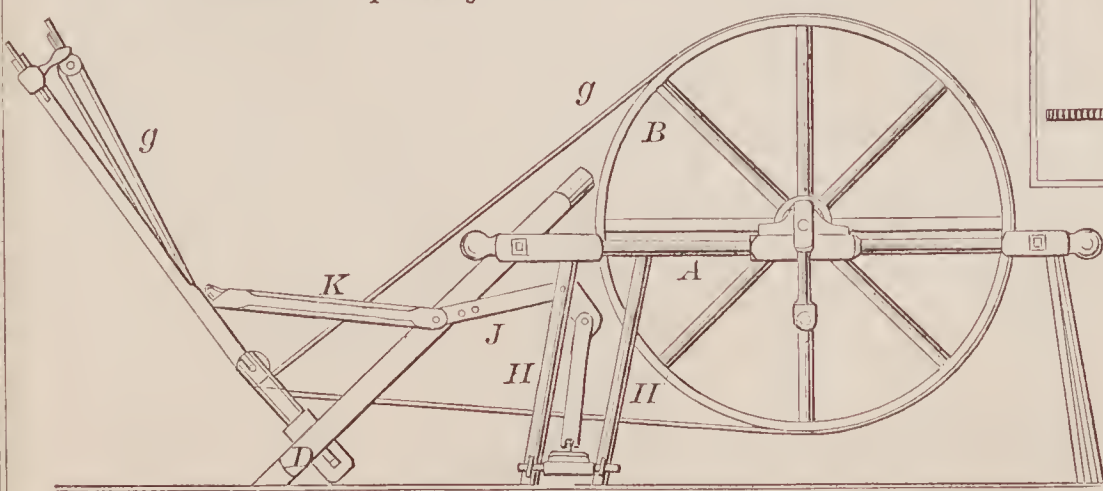
71899—Murdén & Cooper—Water
Cooler and Refrigerator.



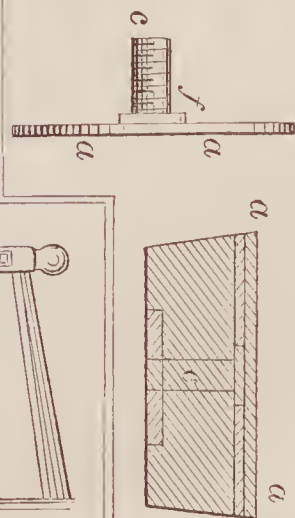
71896—A. S. Miller—Railroad Signal.



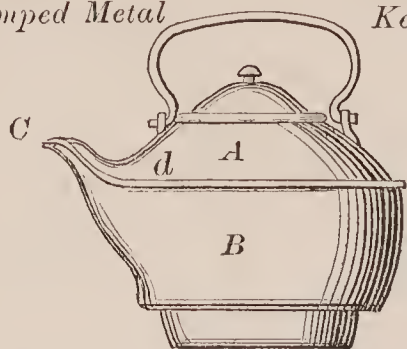
71897—H. Miller—Spinning Wheel.



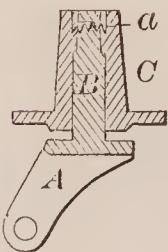
71898—C. Mole—Boot and Shoe.



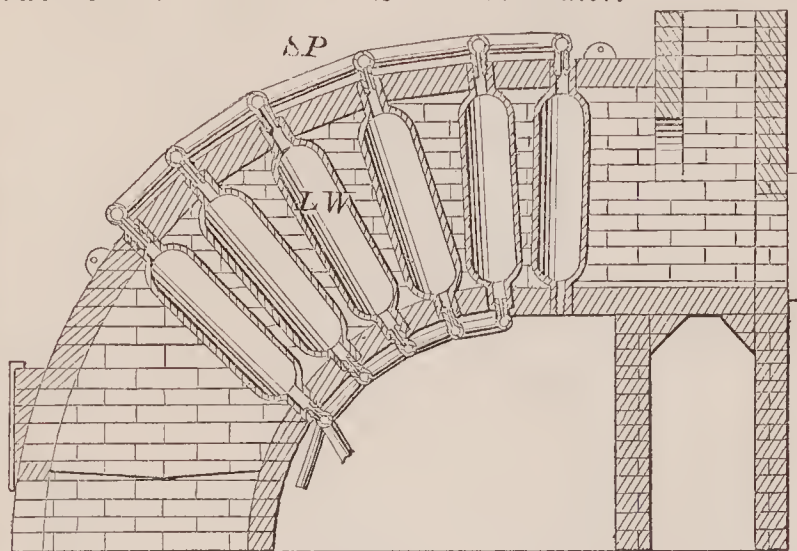
71900—F. G. & W. F. Niedringhaus—*Stamped Metal Kettle.*



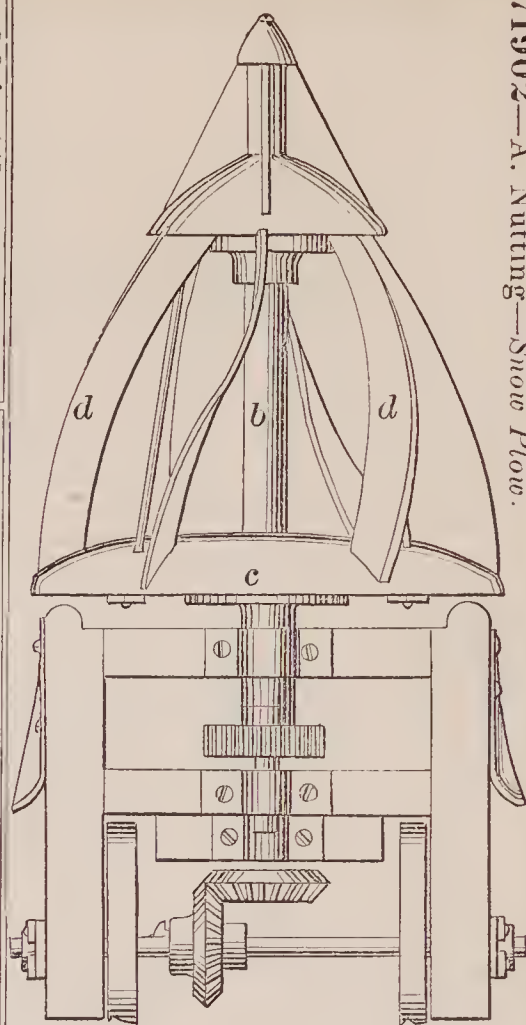
71904—O'Brien & Sparks—*Furniture Caster.*



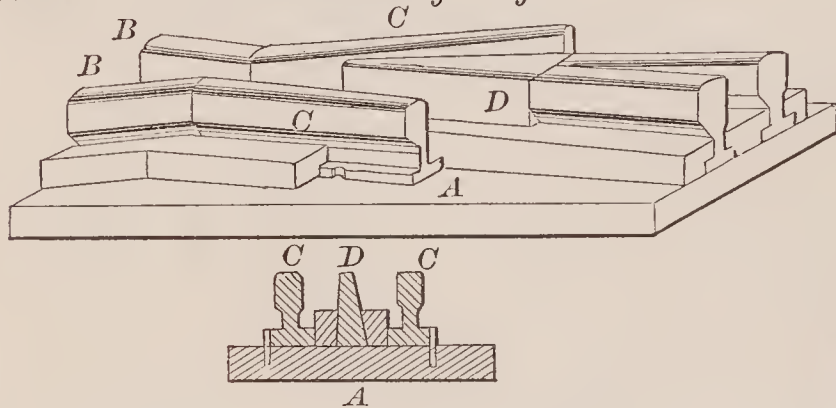
71903—I. R. Oakford—*Steam Generator.*



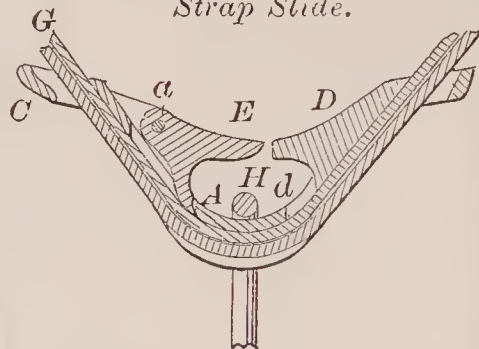
71902—A. Nutting—*Snow Plow.*



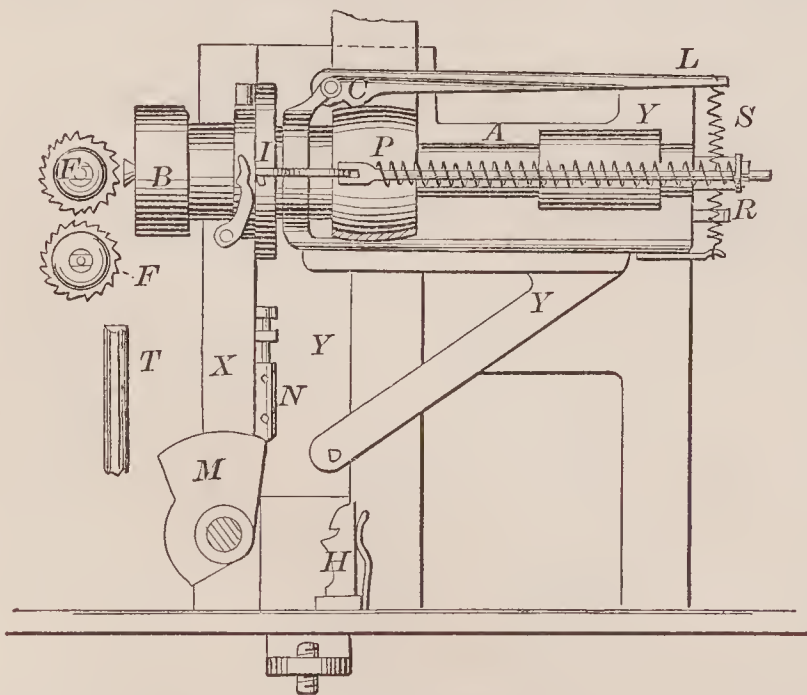
71905—S. N. Park—*Railway Frog.*



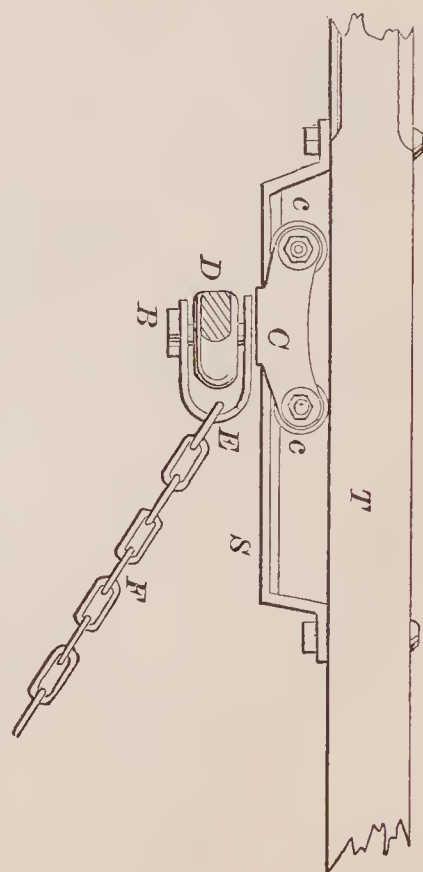
71901—O. B. North—*Breast Strap Slide.*



71908—E. S. Pierce—*For Shaving and Slotting Screws.*



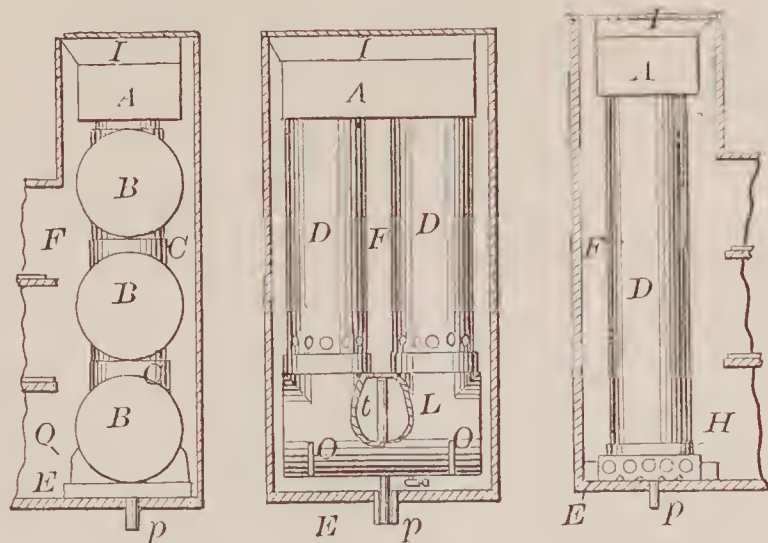
71906—H. W. Pell—*Harvester.*



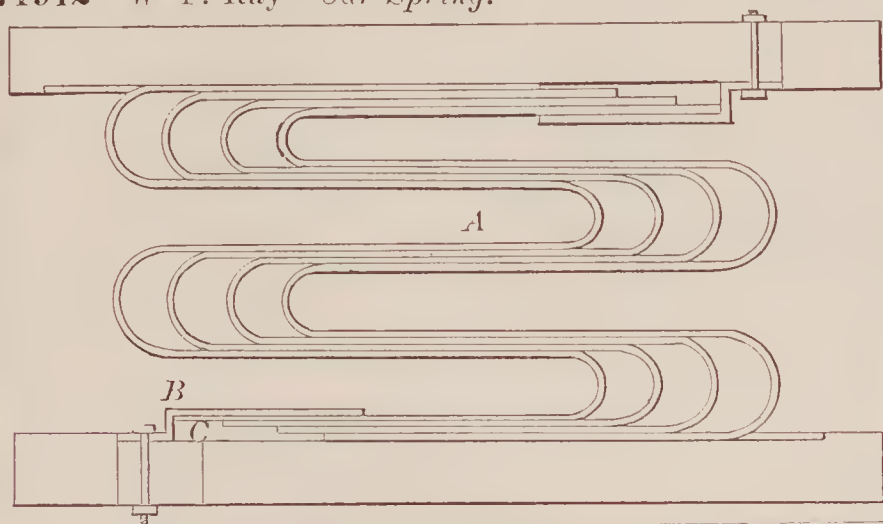
71909—E. S. Pierce—*Double Screw.*



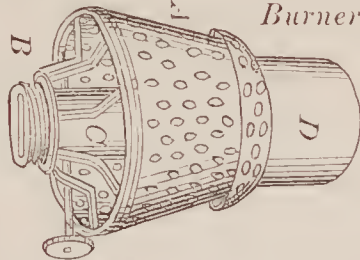
71910—C. F. Pike—*For Preserving Perishable Articles.*



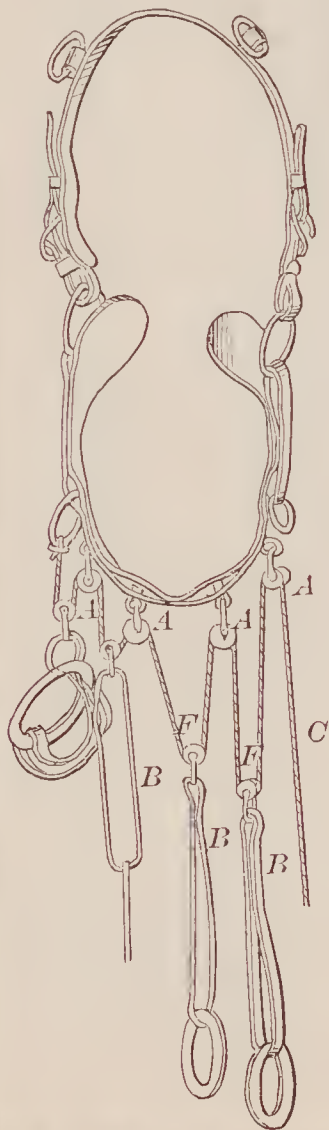
71912—W. F. Ray—*Car Spring.*



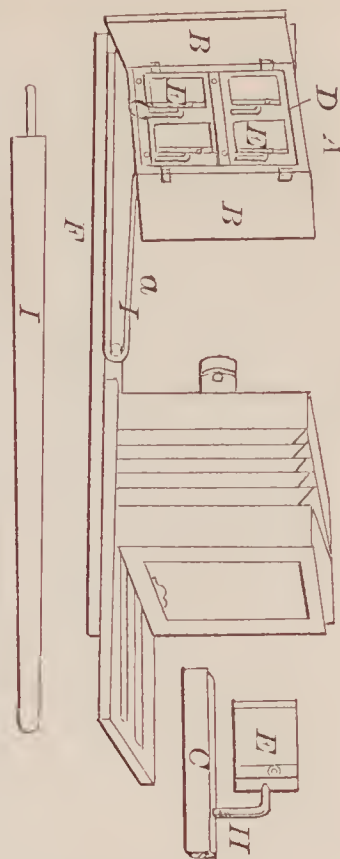
71913—H. Read—*Lamp Burner.*



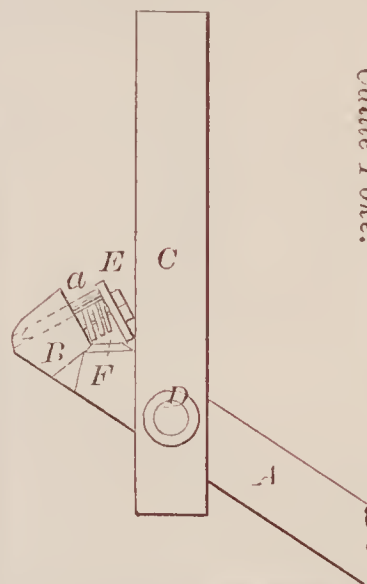
71914—P. R. Sanderson—*For Taming Animals.*



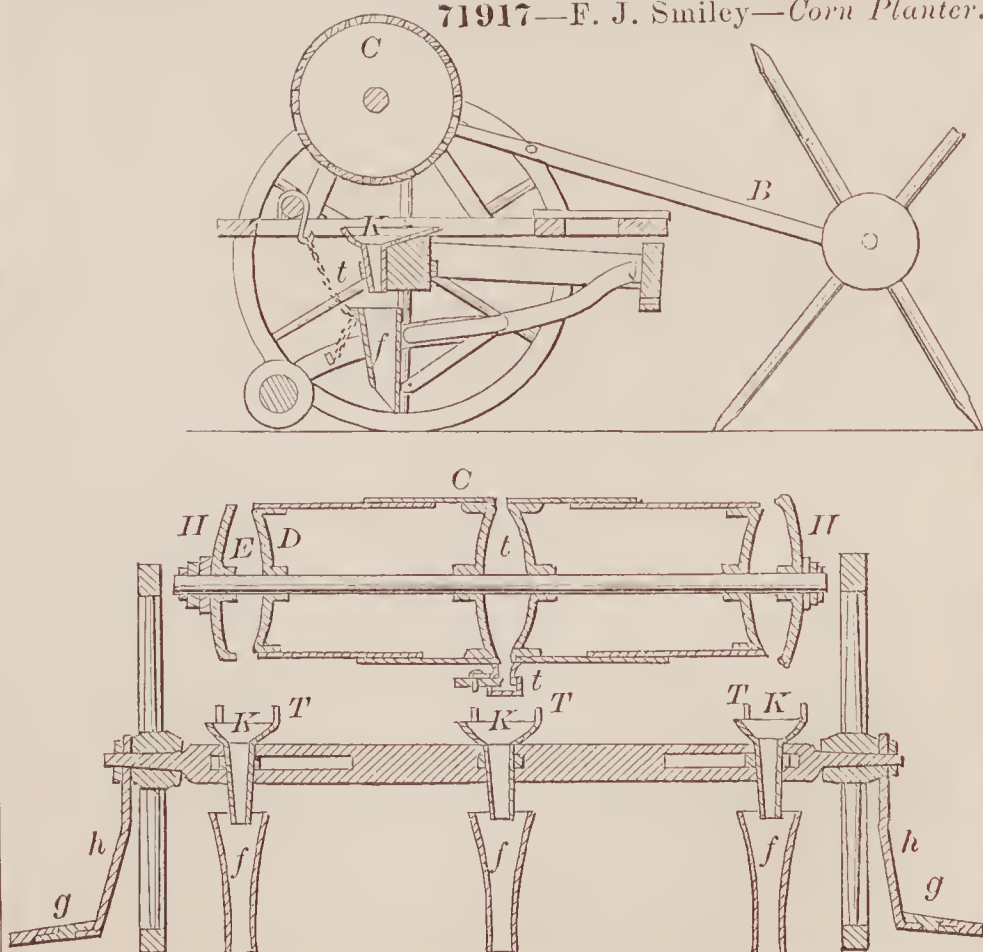
71911—D. W. S. Rawson—*Reflector for Photographic Cameras.*



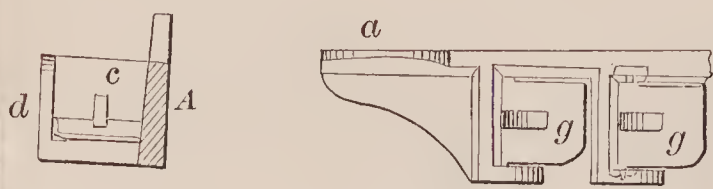
71916—N. Silvester—*Horse and Cattle Poke.*



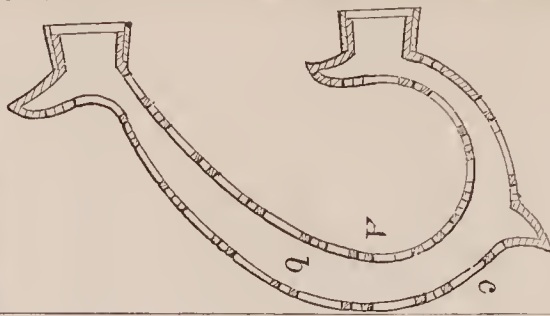
71917—F. J. Smiley—*Corn Planter.*



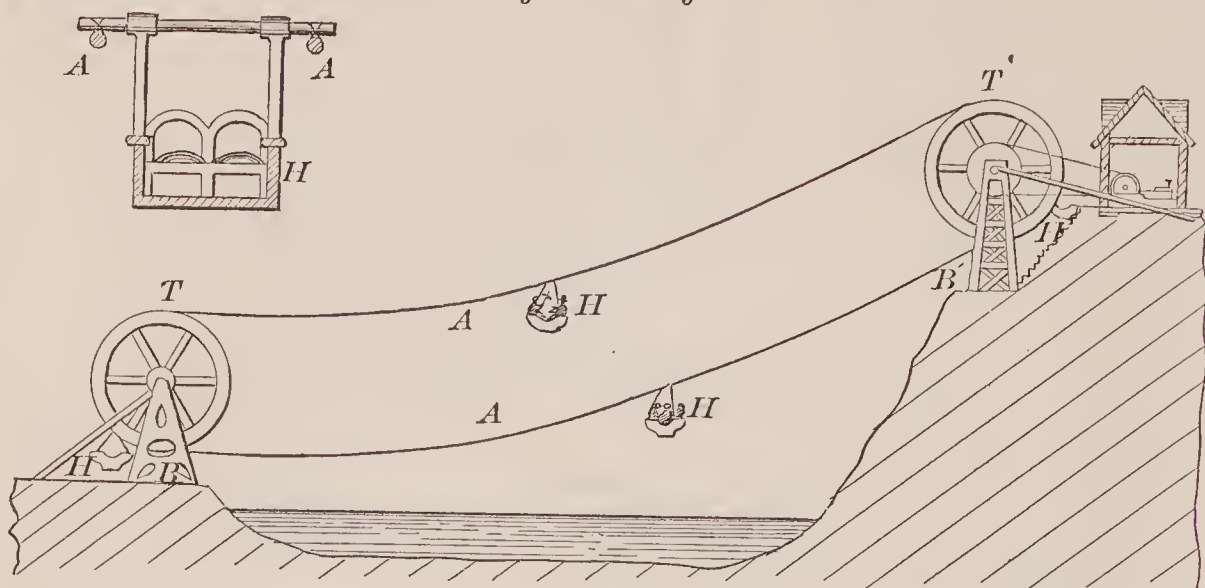
71918—C. A. Smith—Whip Rack.



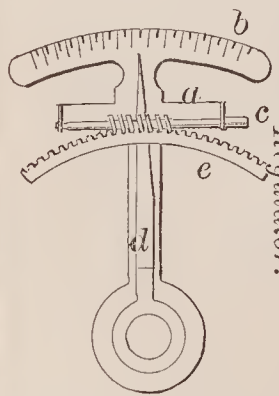
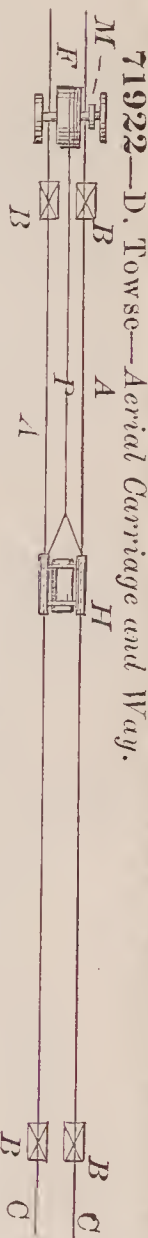
71920—E. E. Stow—Tea Pot Handle.



71921—D. Towse—Aerial Carriage and Way.



71923—D. Towse—Aerial Carriage and Way.

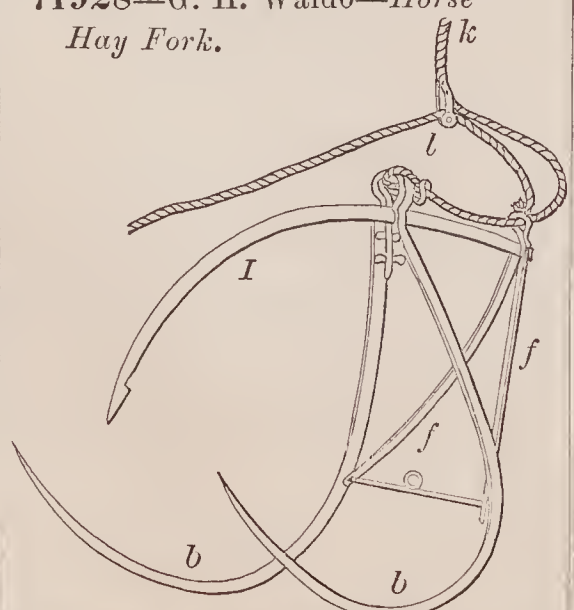


71924—W. B. Tucker—Watch Regulator.

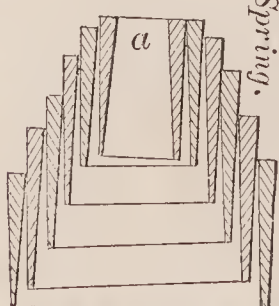
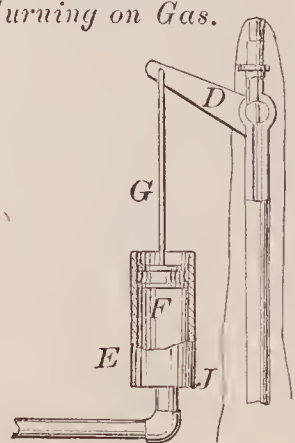
71925—J. A. Veazie—Billiard Billiard Cue Tip.



71928—G. H. Waldo—Horse Hay Fork.

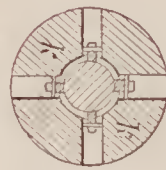
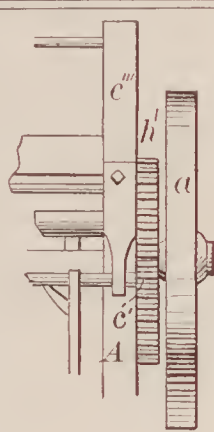
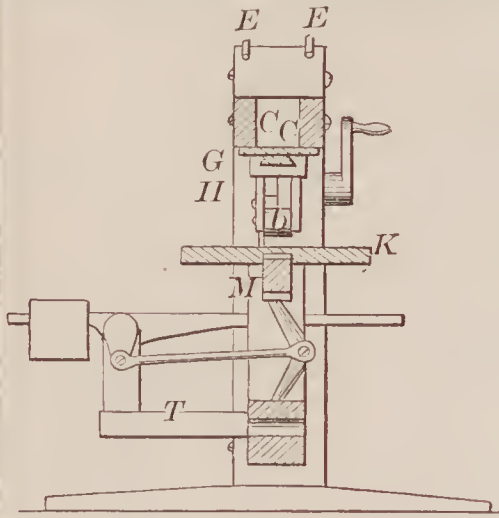
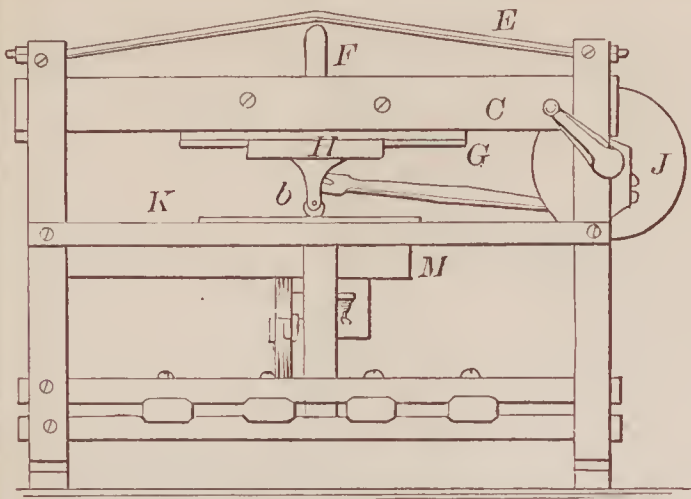


71927—W. P. Wage—For Turning on Gas.

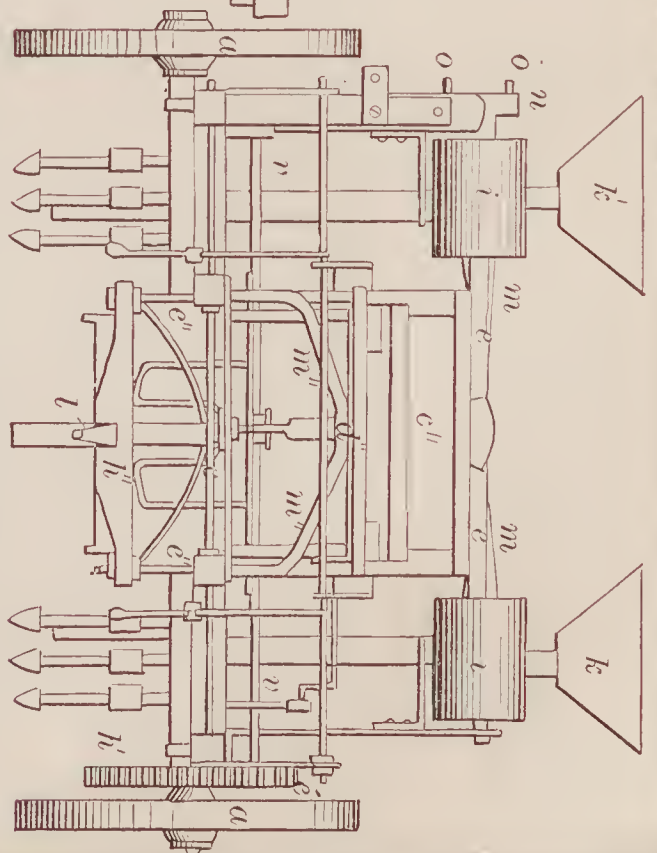
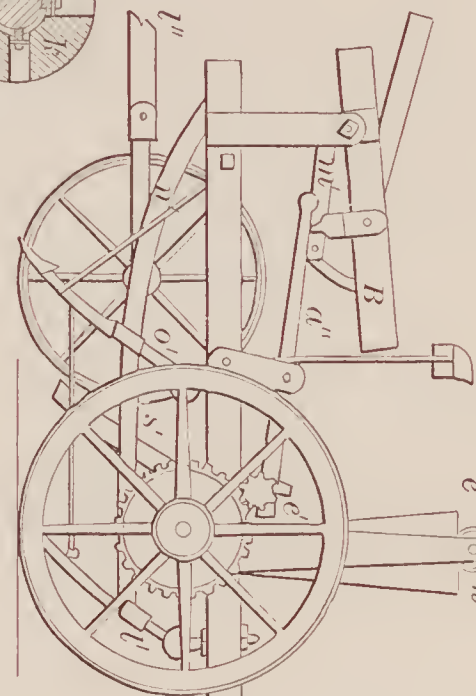
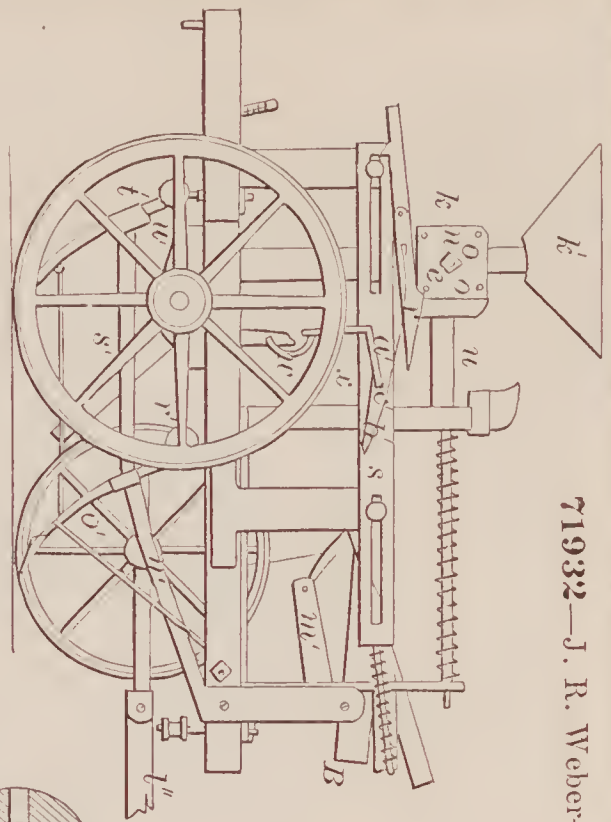
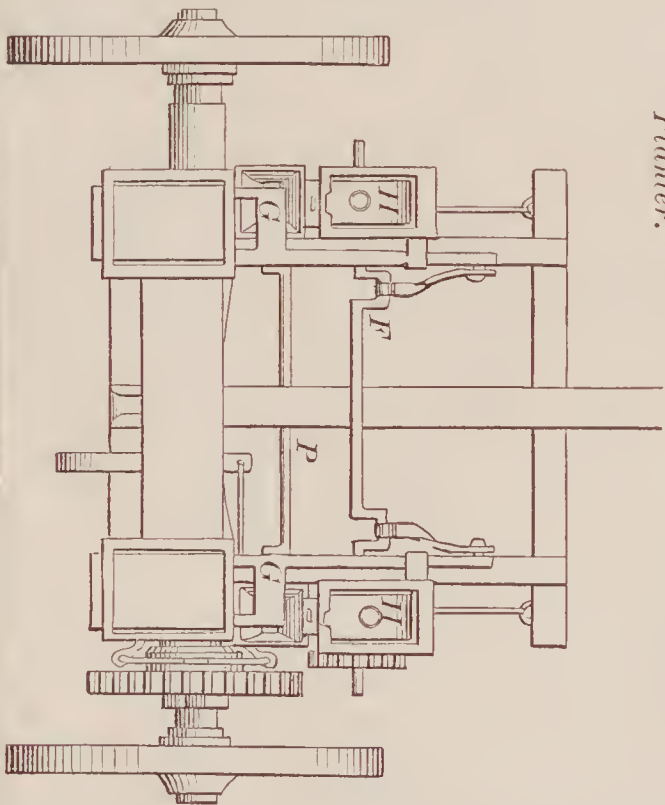


71923—R. Vose—Car Spring.

71929—J. H. Walker—*For Rolling Leather.*

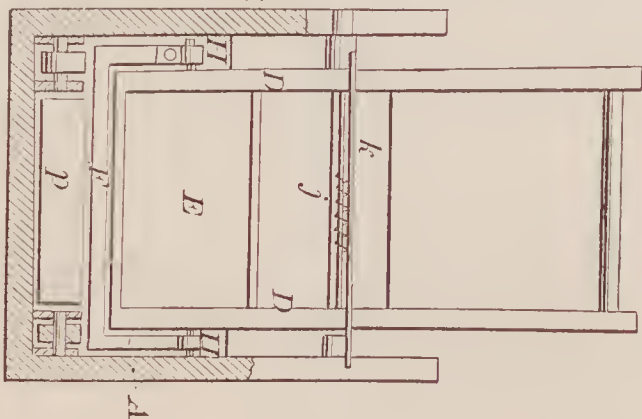


71930—S. H. Wallize—*Fertilizer and Corn Planter.*



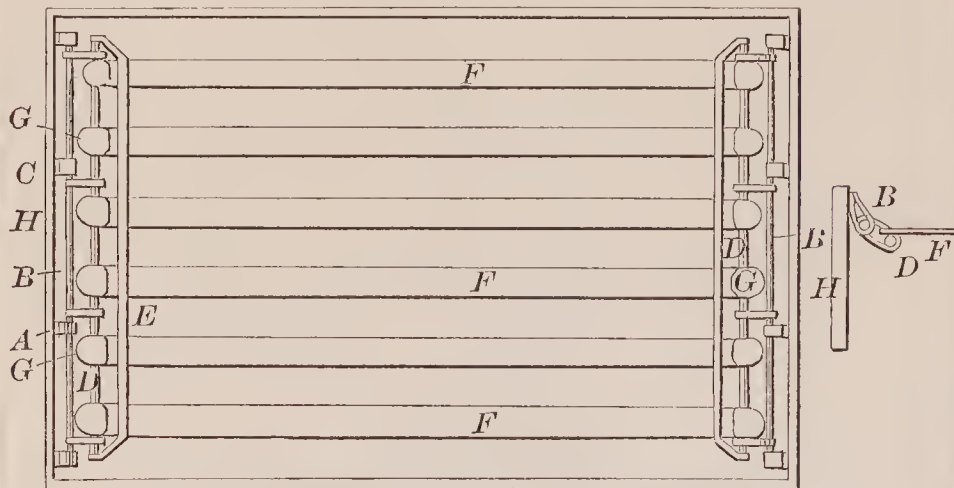
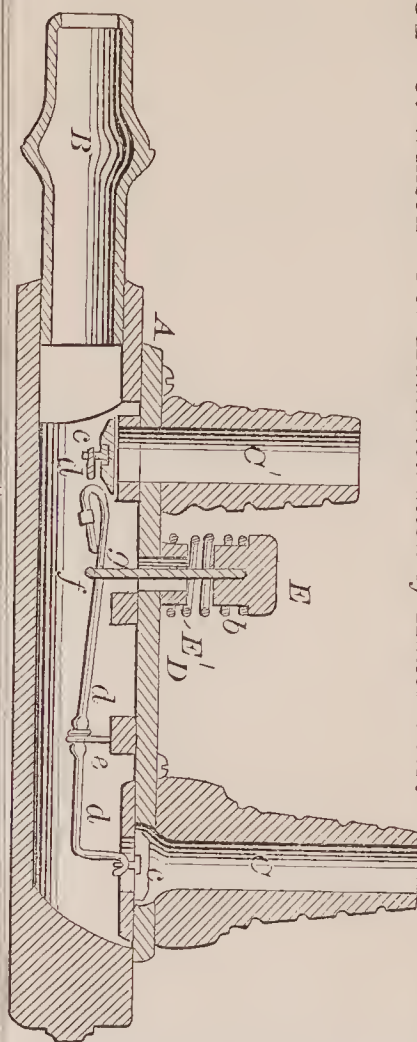
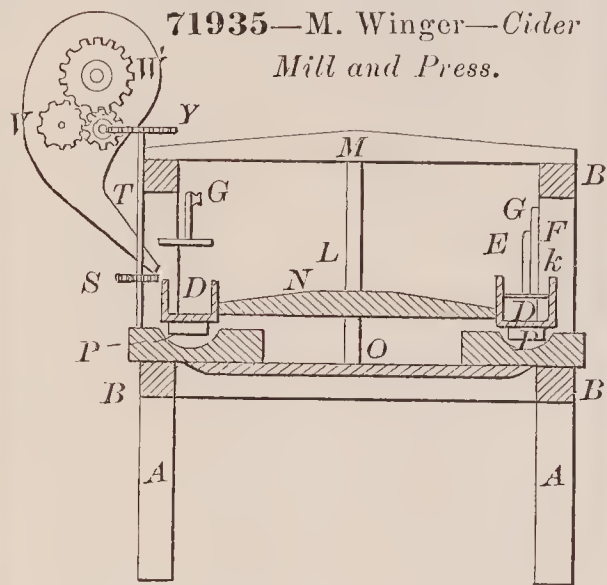
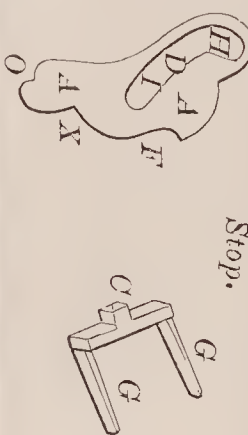
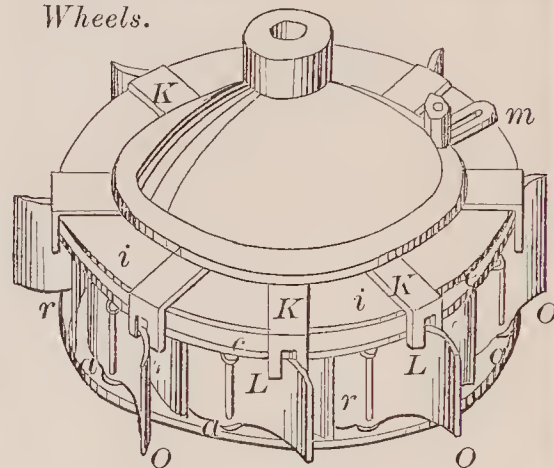
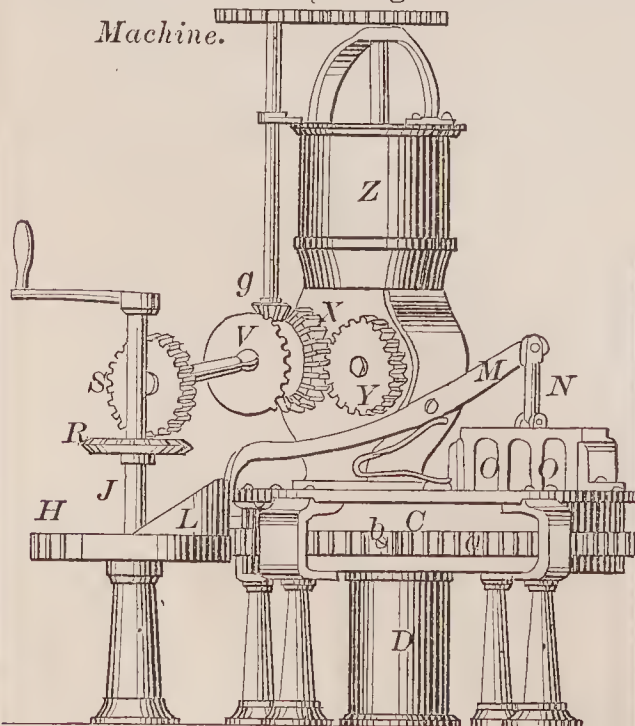
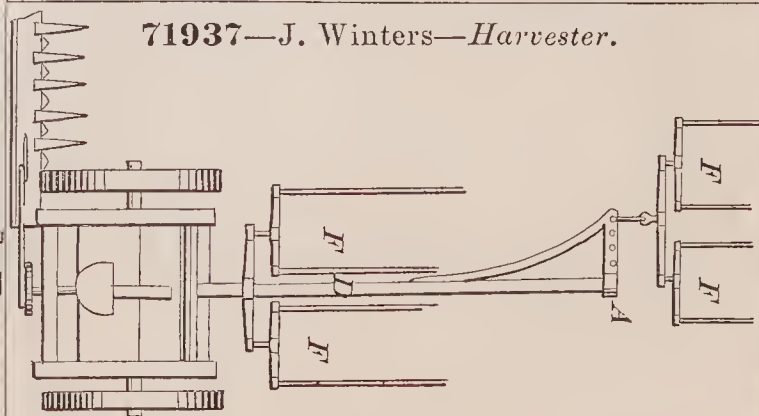
71932—J. R. Weber—*Corn Planter.*

71931—D. T. Ward—*Washing Machine.*

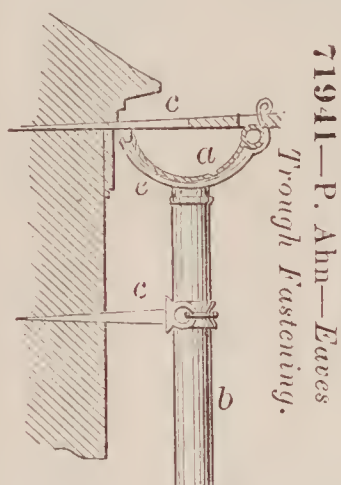
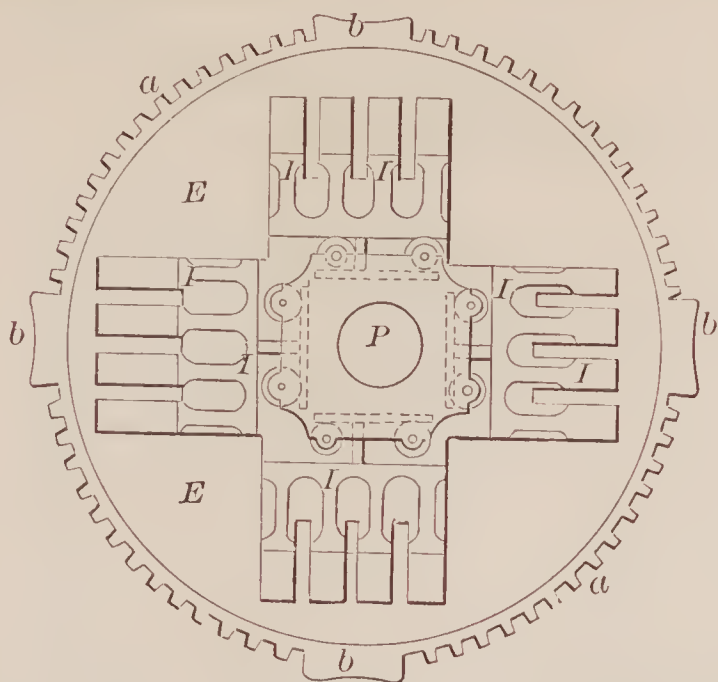


71933—D. S. Williams—*Bed Bottom.*

H

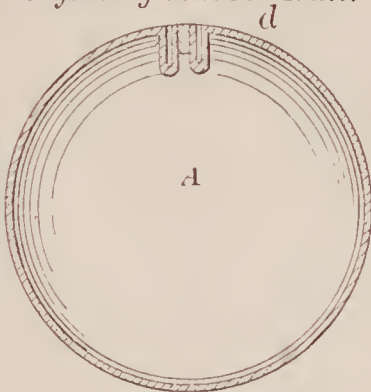
71934—O. Willson—*For Administration of Anesthetics.*71935—M. Winger—*Cider Mill and Press.*71938—O. E. Woodbury—*Sash Stop.*71936—A. Winton—*Curb for Water Wheels.*71939—C. D. Wrightington—*Peat and Brick Machine.*71937—J. Winters—*Harvester.*

71939—Continued.

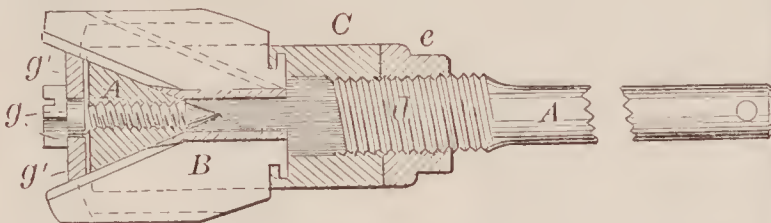


71941—P. Ahn—Trough Fastening.

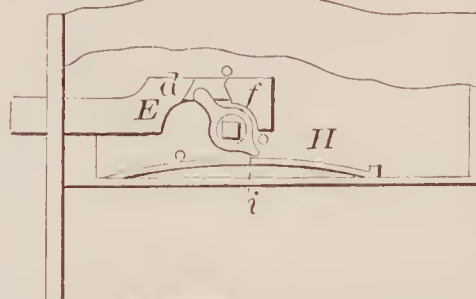
71942—F. A. Alden—Inflating Rubber Ball.



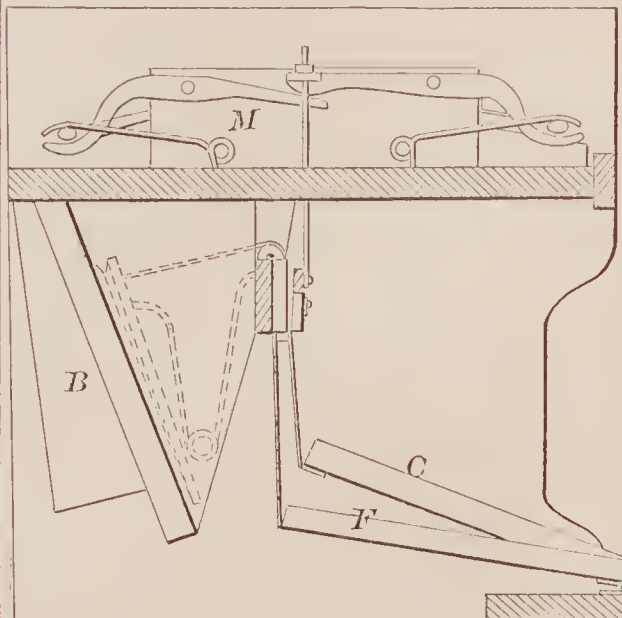
71943—C. Allardice—Reamer.



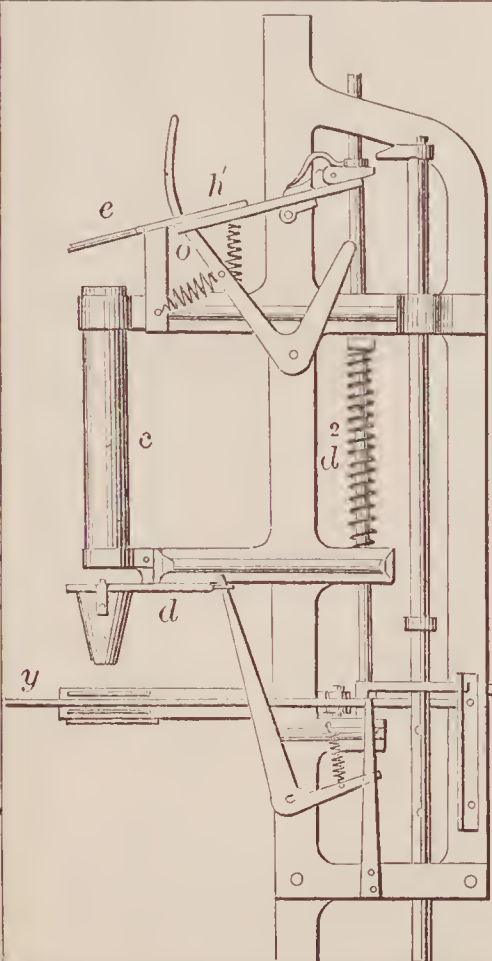
71944—W. H. Andrews—Bolt Attachment to Door Locks.



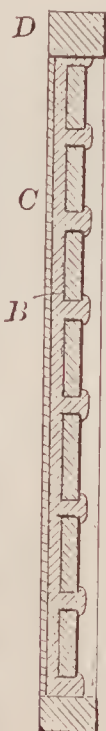
71947—C. E. Bacon—Operating Swell in Melodeons.



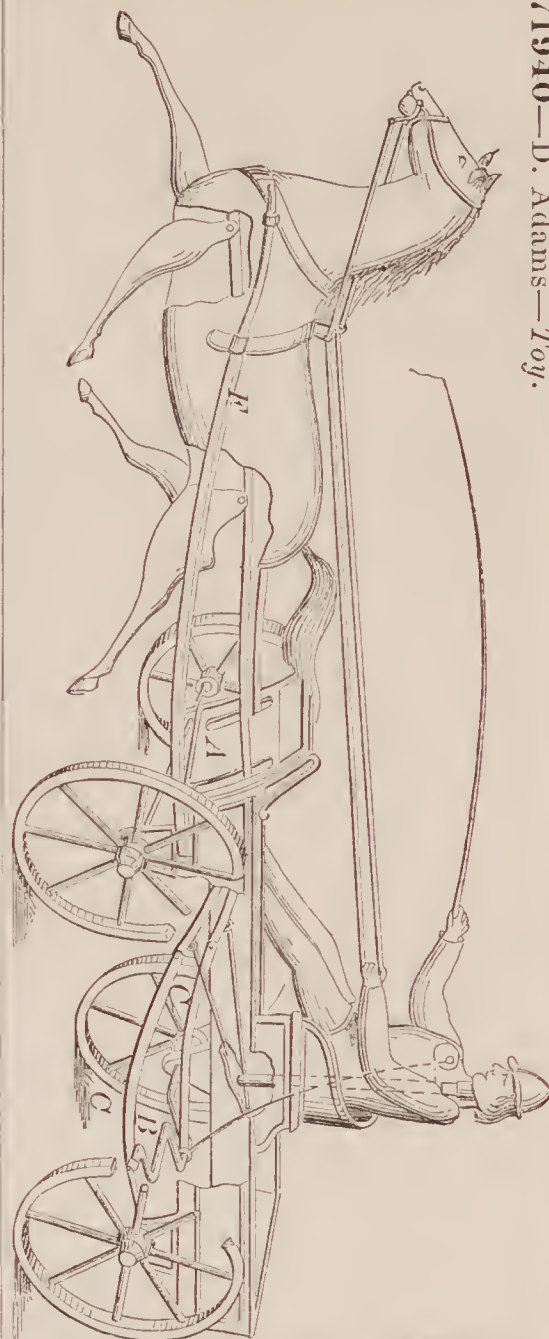
71945—L. Angell—For Presenting Palm Leaf to Looms.

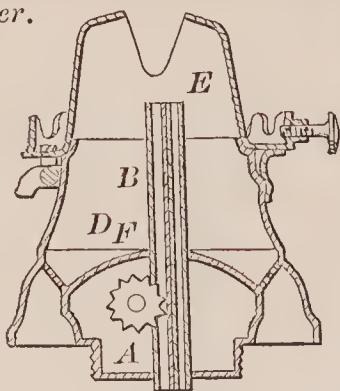
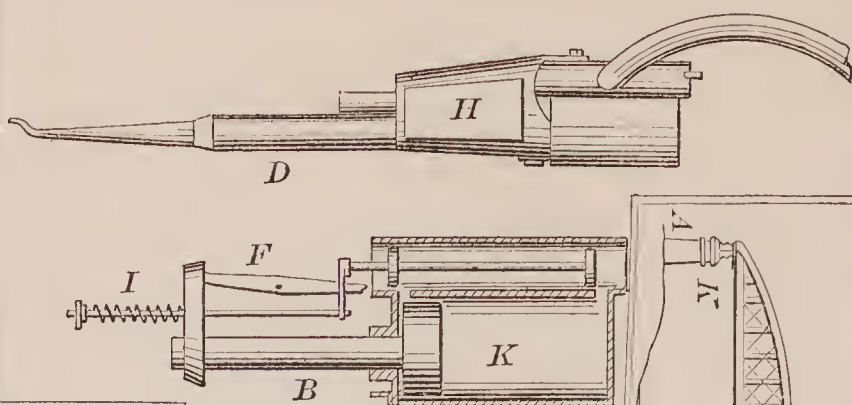
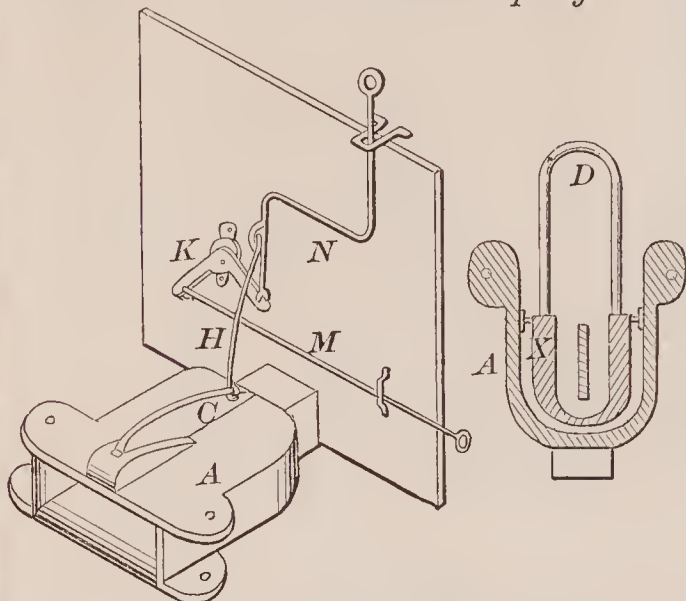
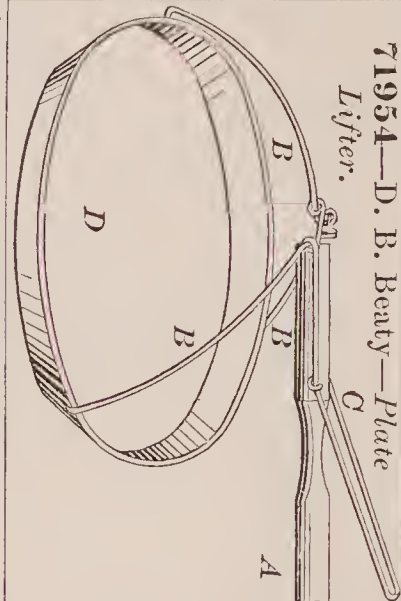
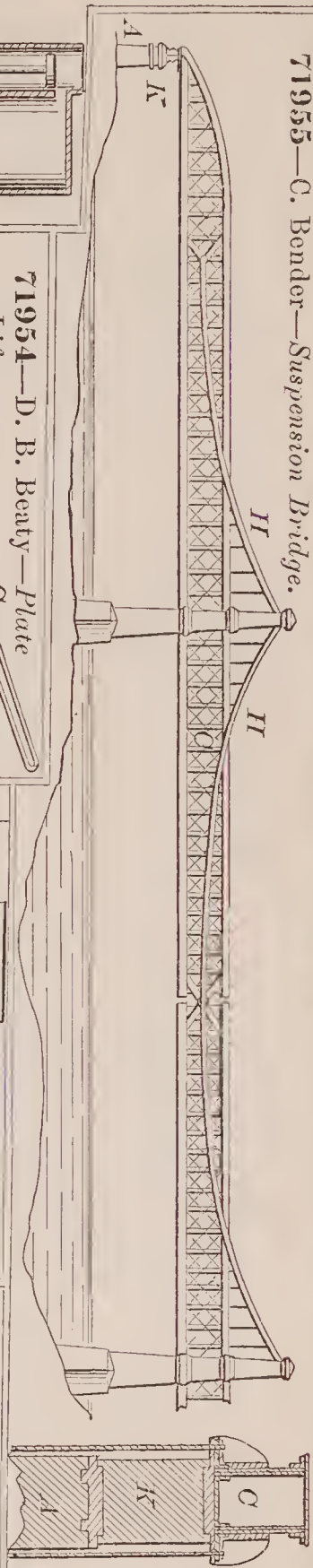
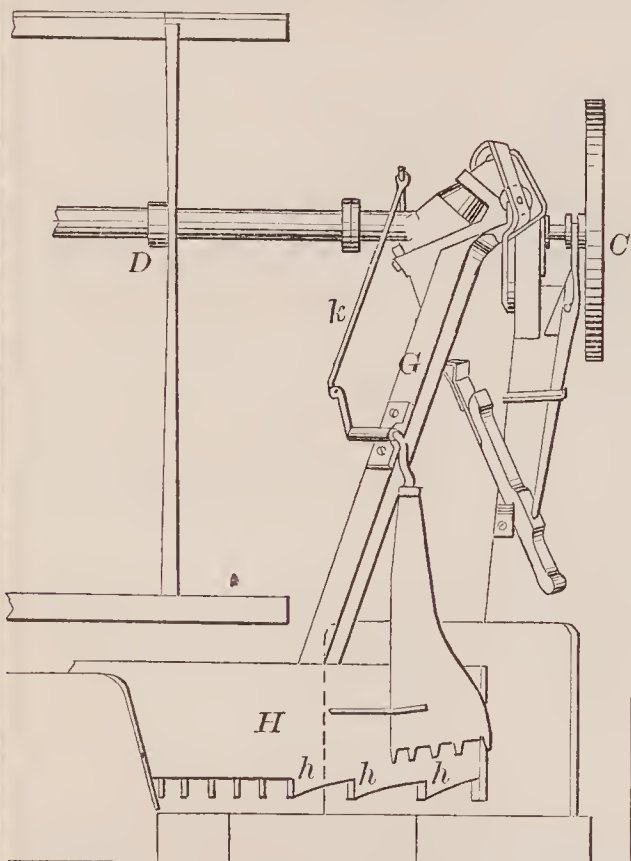
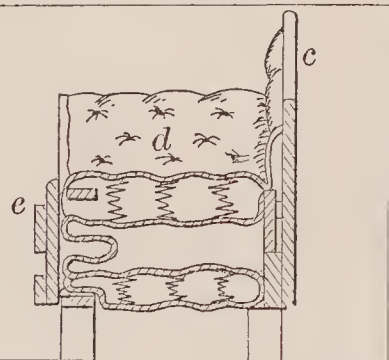
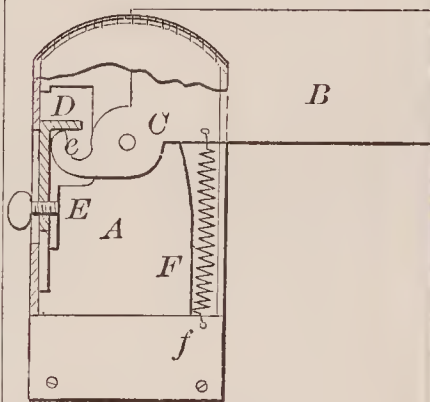
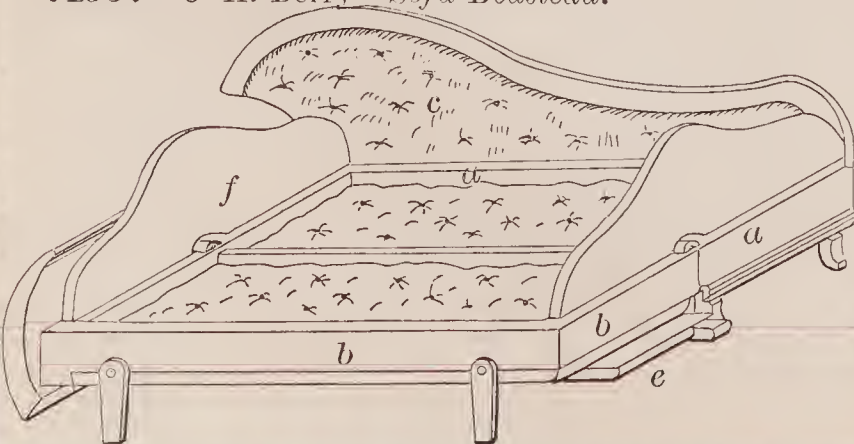
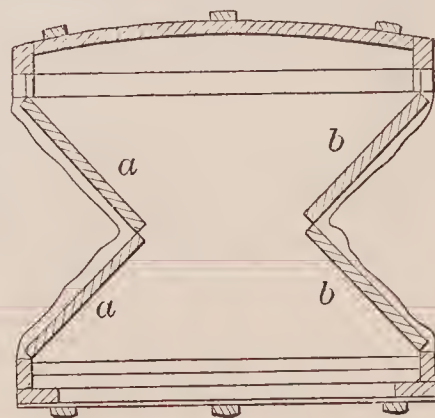


71946—W. Arrowquier—Blackboard for Schools.

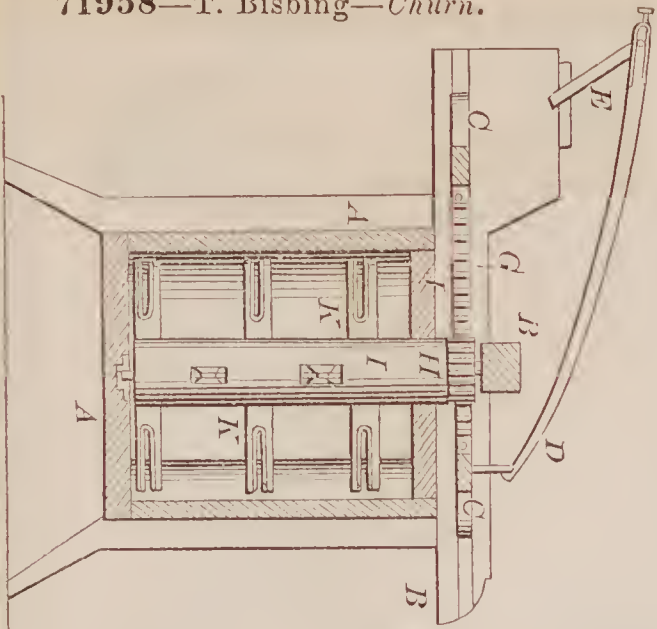


71940—D. Adams—Toy.

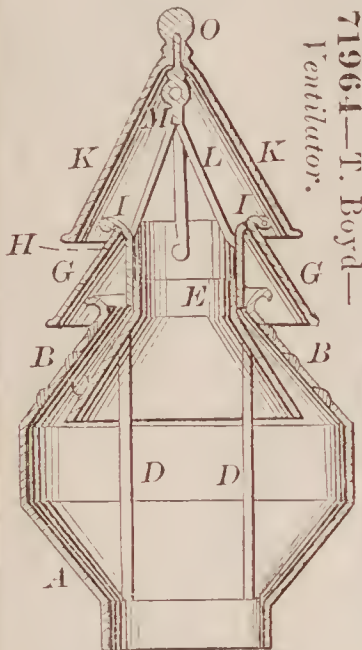
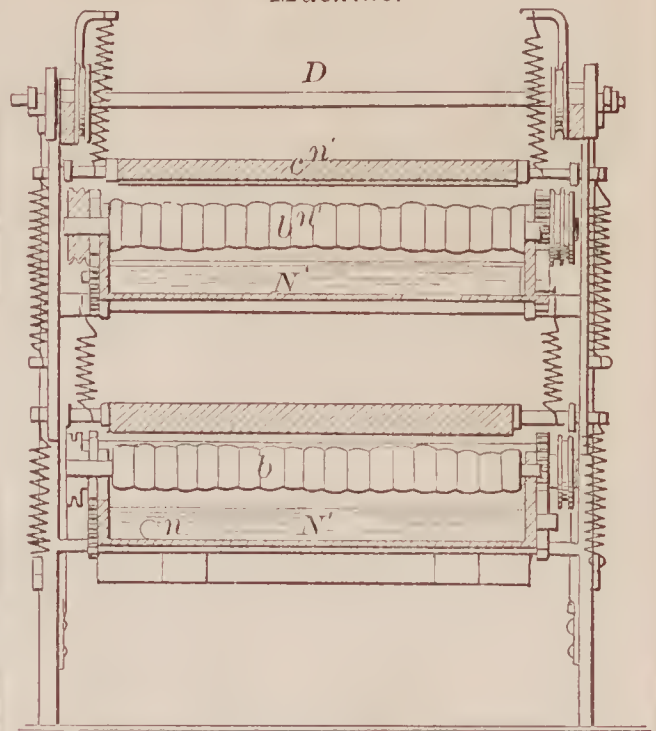


71949—G. E. Baldwin—*Lamp Burner.*71950—Bannister & Green—*Automatic Tooth Plugger.*71951—W. F. Barlow—*Car Coupling.*71954—D. B. Beatty—*Plate Lifter.*71955—C. Bender—*Suspension Bridge.*71952—J. Barnes—*Harvester Rake.*71953—S. N. Batchelder—*Try Square and Bevel.*71957—C. H. Berry—*Sofa Bedstead.*71956—O. K. Bernbaun—*Trunk.*

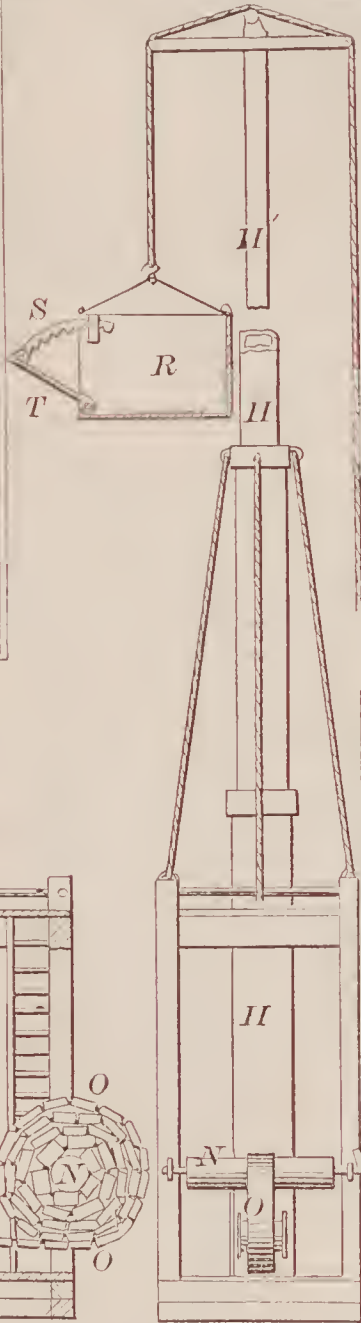
71958—T. Bisbing—*Churn.*



71959—J. W. Blackham—*Hat Felting Machine.*

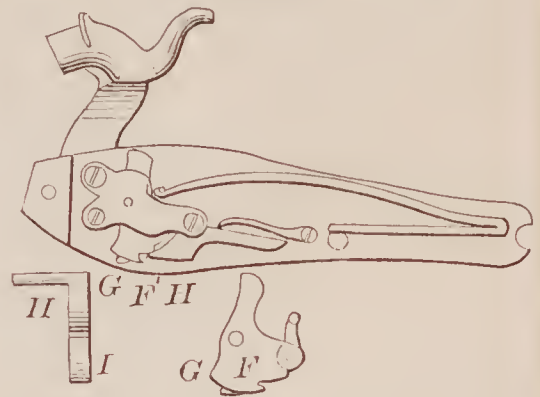


71964—T. Boyd—*Ventilator.*

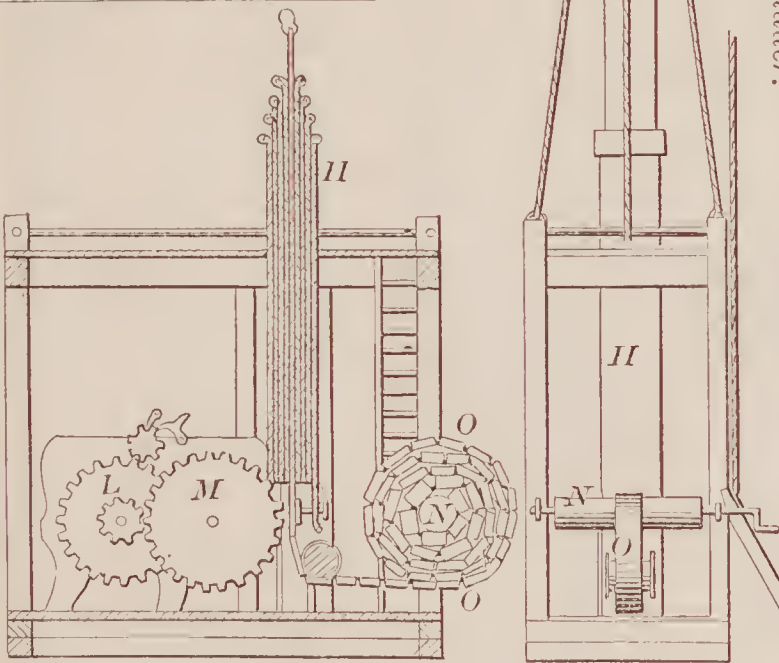
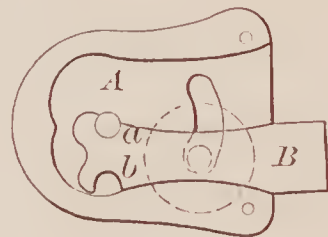


71962—J. Blomgren—*Five Ladder.*

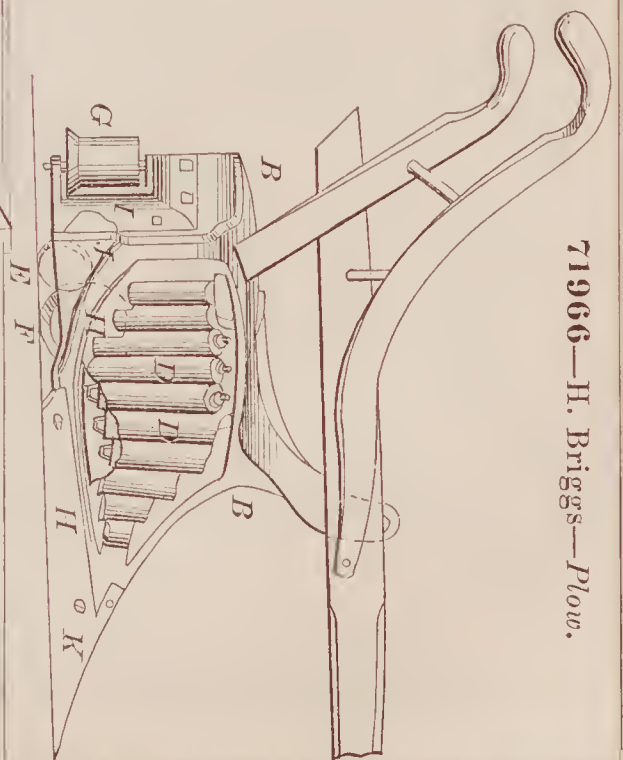
71963—C. Bowlen—*Gun Lock.*



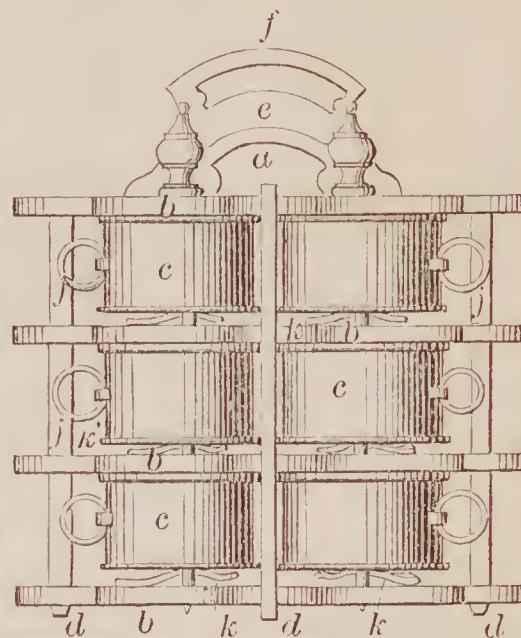
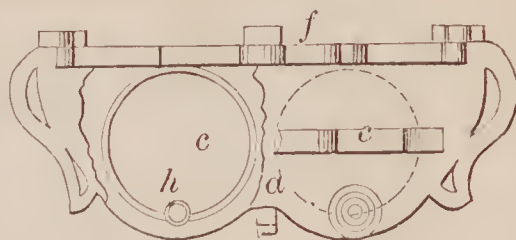
71965—P. Bradford—*Door Latch.*



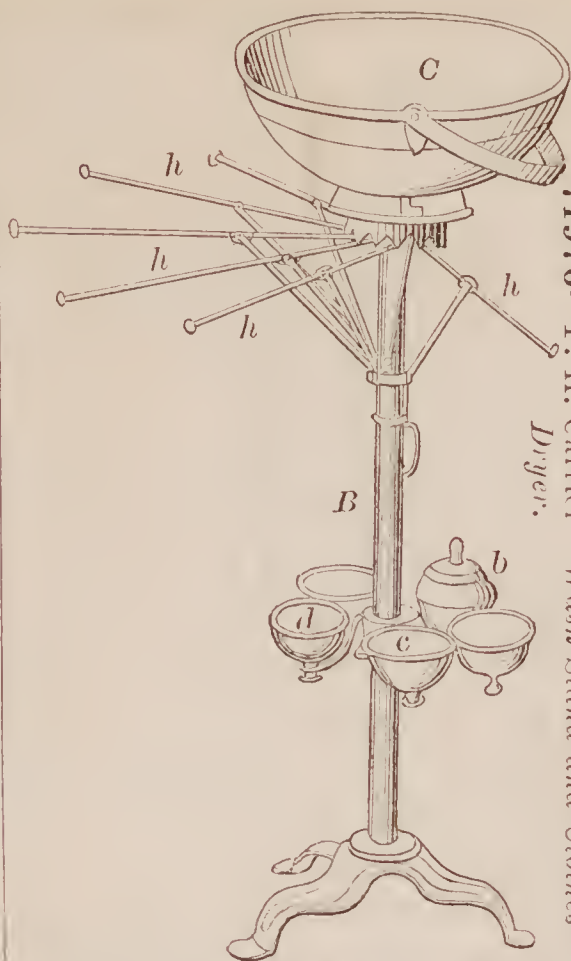
71960—J. E. Bliss—*Builders' Scaffold.*



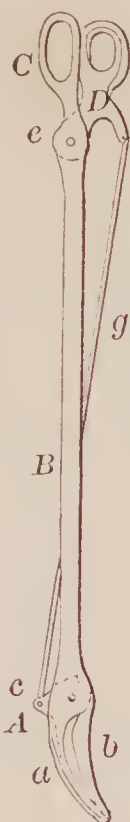
71977—Carter & Park—*Spice Cuse.*



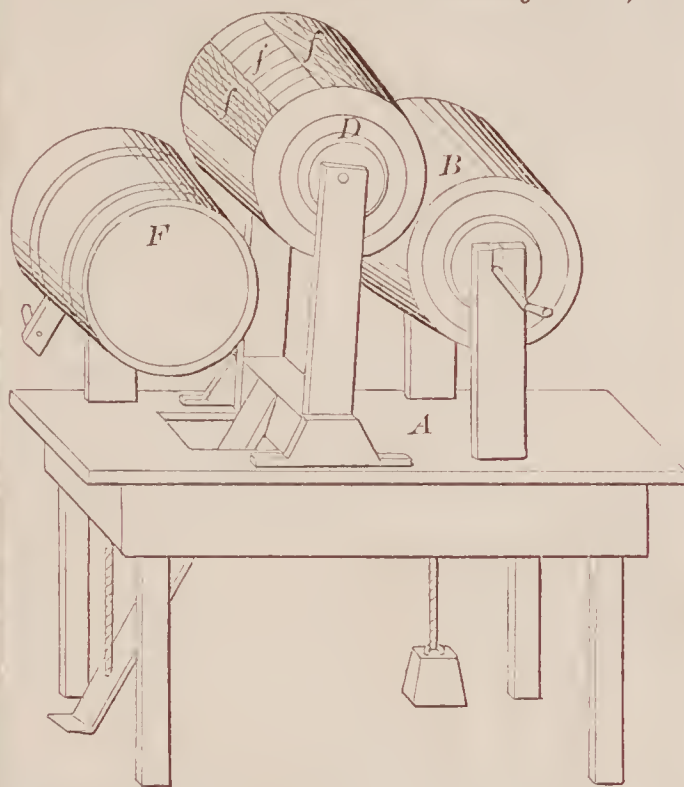
71976—F. H. Carrier—*Wash Stand and Clothes Dryer.*



71975—S. P. Carpenter—*Pruning Shears.*



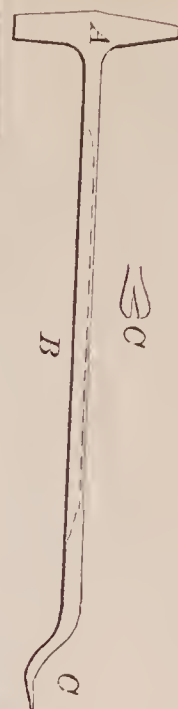
71978—J. Carter—*For Graining Pails, &c.*



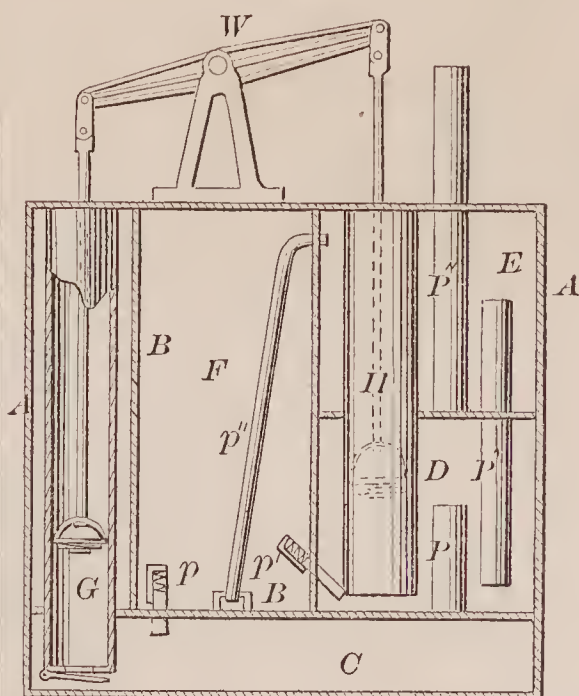
71979—J. Carter—*Saunders' Rule.*

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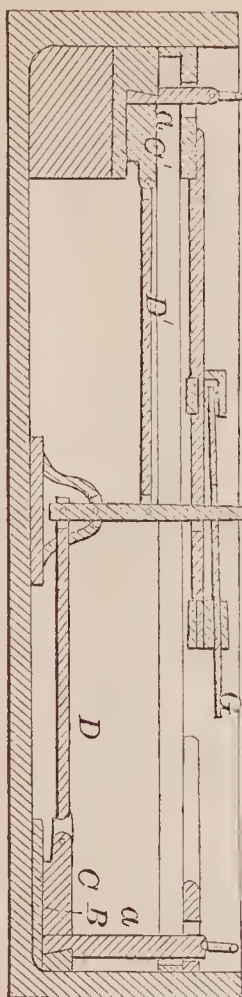
71986—F. A. Conklin—*Tack Hammer.*



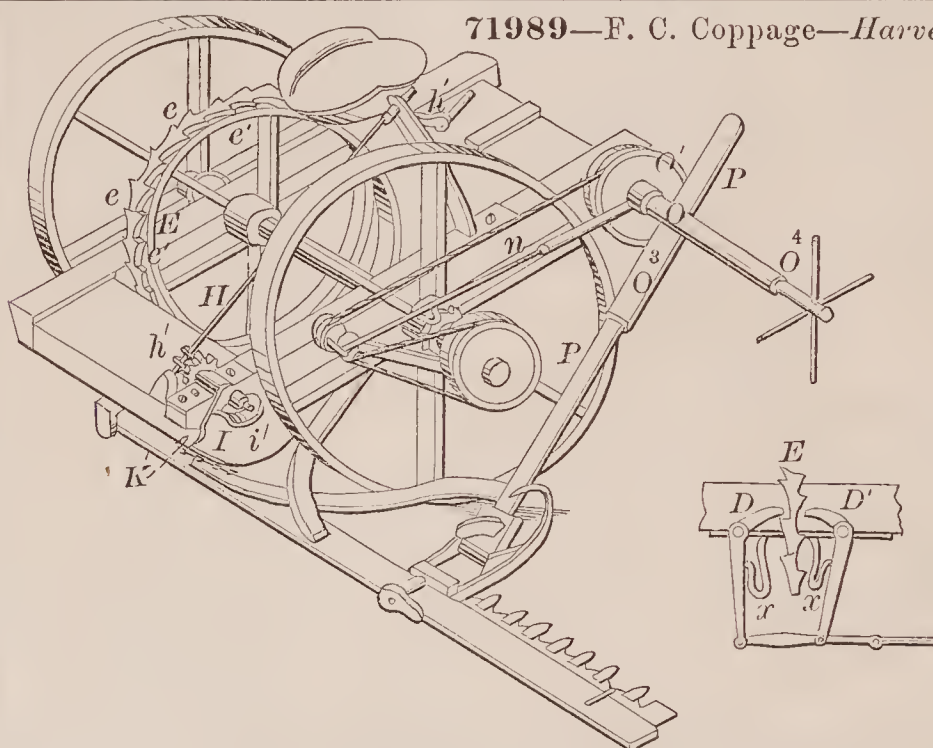
71985—J. R. Cole—*For Elevating Water.*



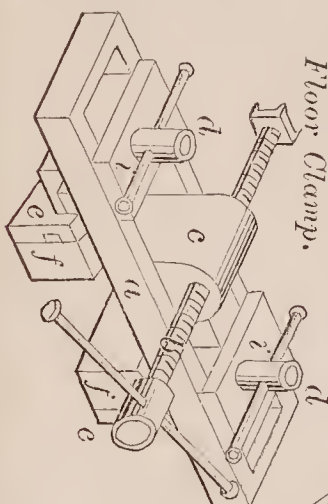
71984—D. L. Cohen—*Boat Detaching Tackle*



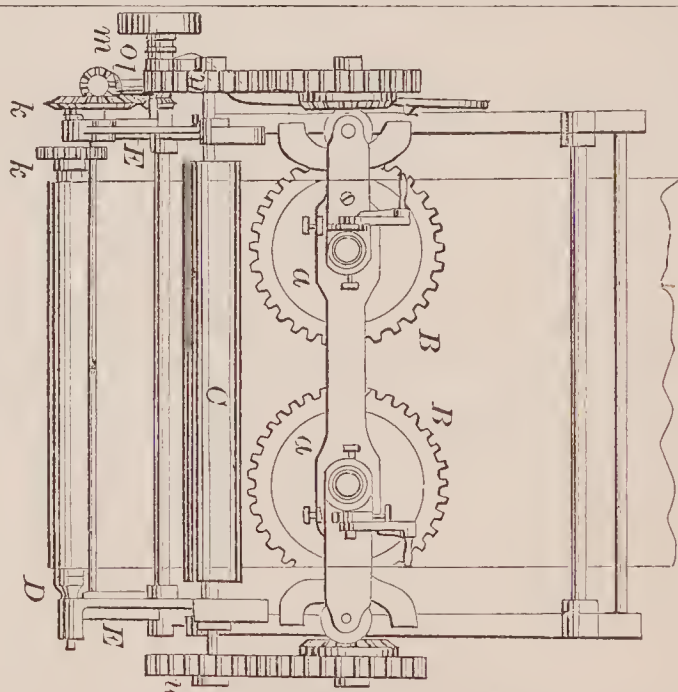
71989—F. C. Coppage—*Harvester.*



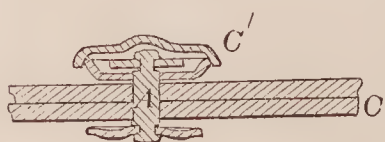
71987—Connor & Mitchell—*Floor Clamp.*



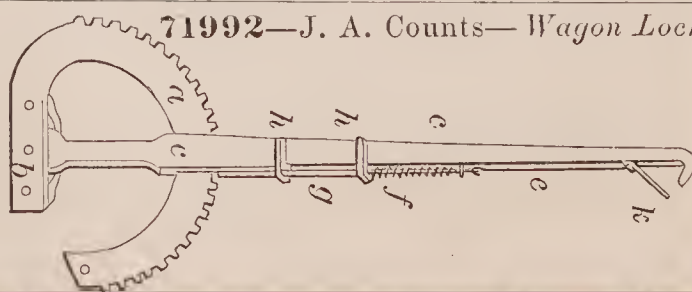
71990—A. C. Corpe—*For Stretching Cloth.*



71988—G. Cooke—*Button.*



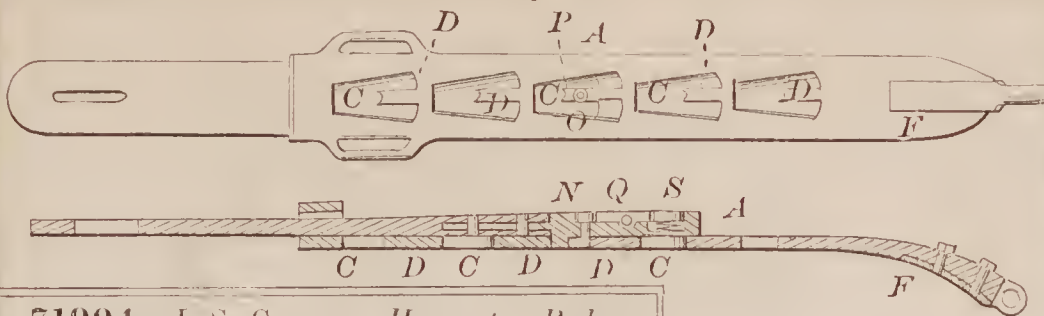
71992—J. A. Counts—*Wagon Lock.*



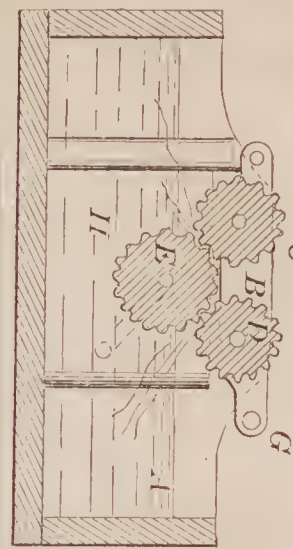
71991—B. R. Cotton—*Roller for Dressing.*



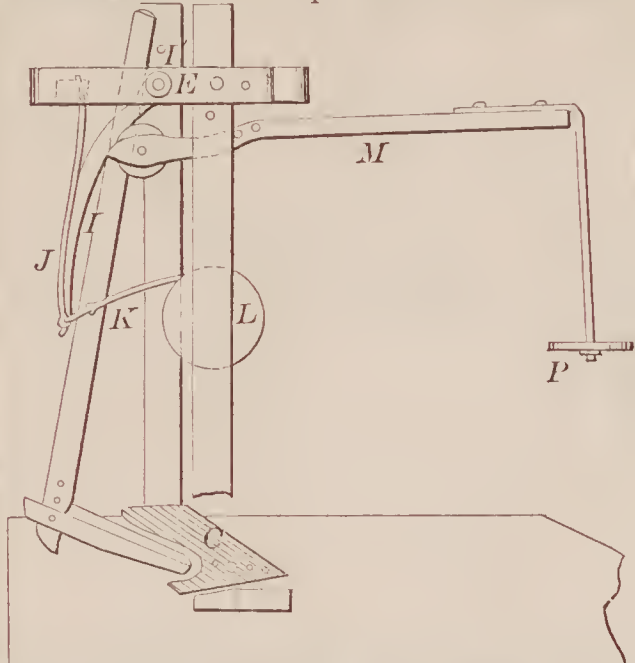
71993—J. C. Covert—*Hame Tug.*



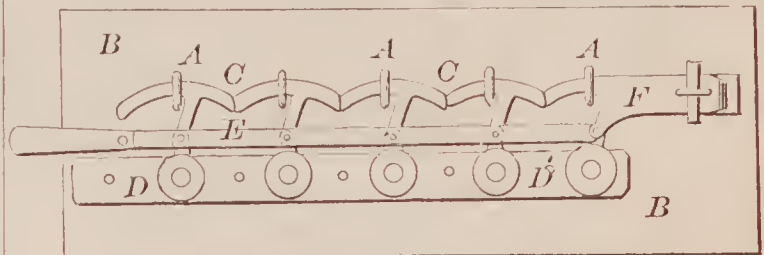
71995—S. W. Curtis—*Washing Machine.*



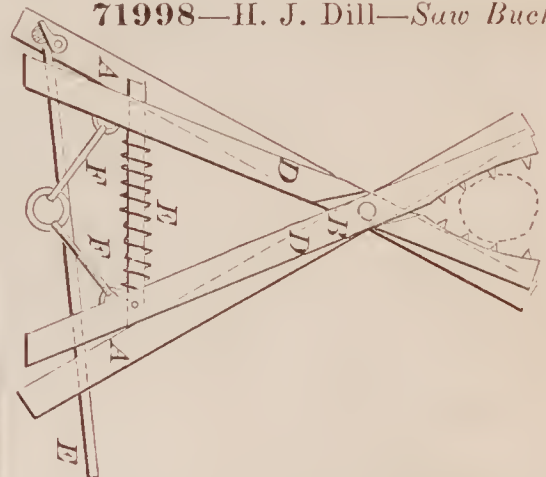
71994—J. S. Crump—*Harvester Rake.*



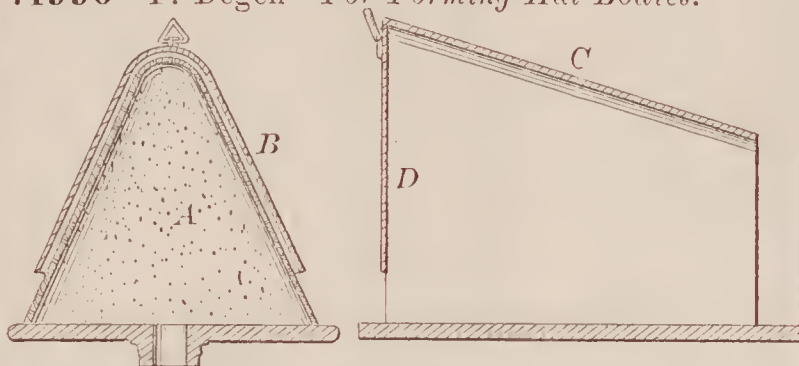
71997—S. Denison—*Mail Bag Fastener.*



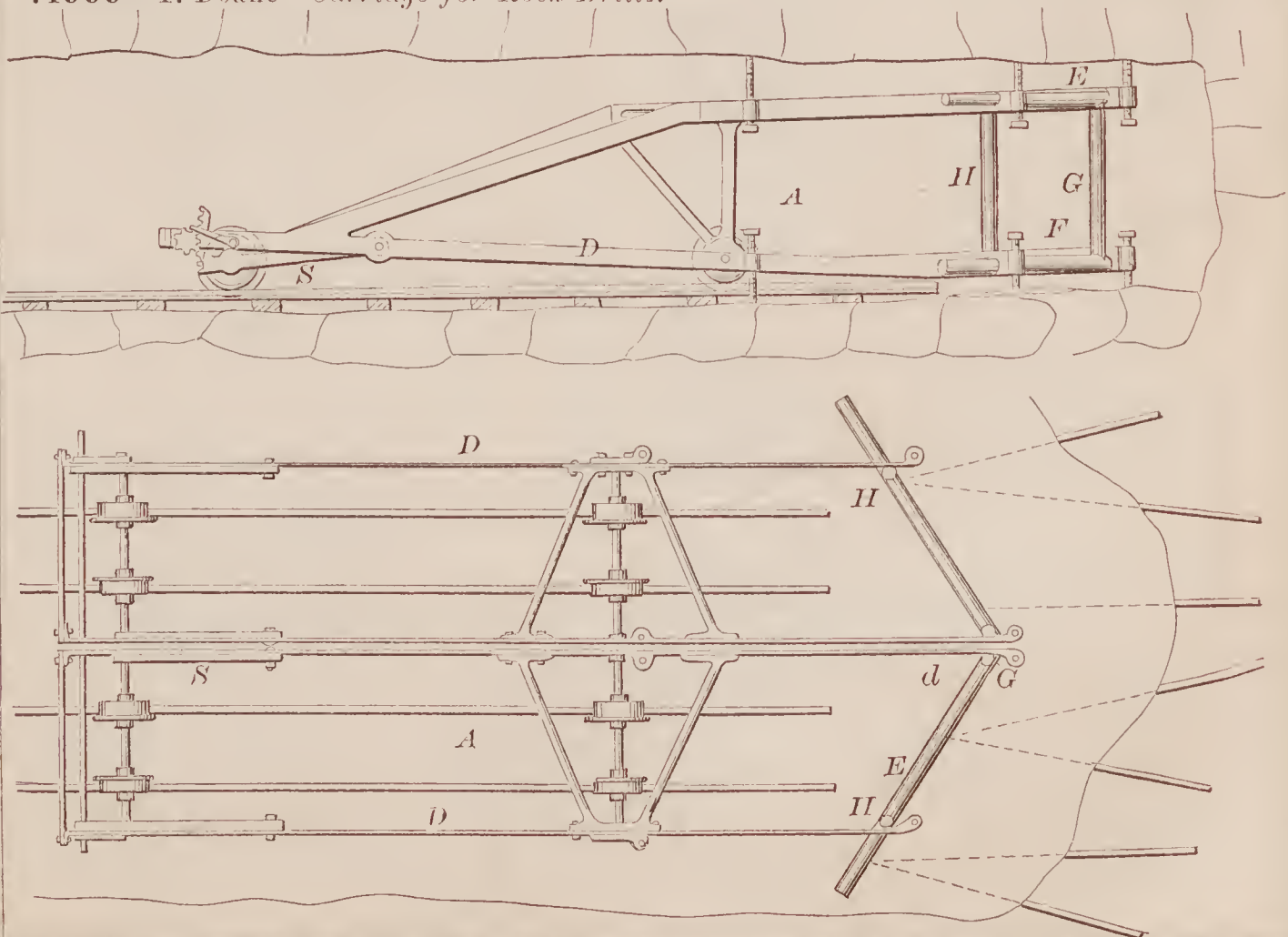
71998—H. J. Dill—*Saw Buck.*



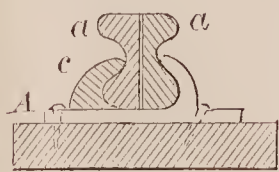
71996—F. Degen—*For Forming Hat Bodies.*



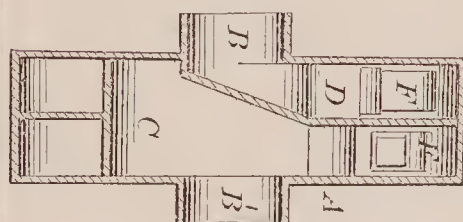
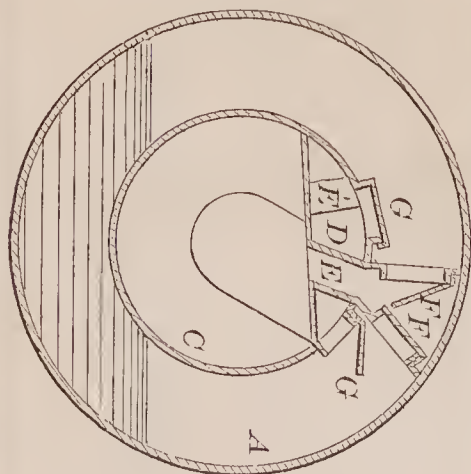
71999—T. Doane—*Carriage for Rock Drills.*



72000—
J. H. Downing—
Railway Chair.



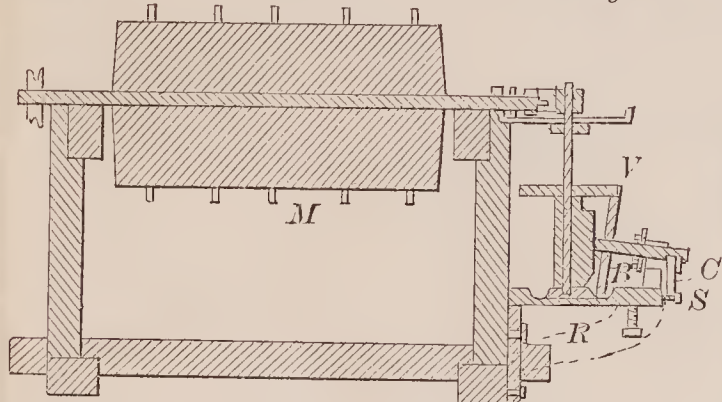
72001—Doyle & Martin—
Rotary Pump.



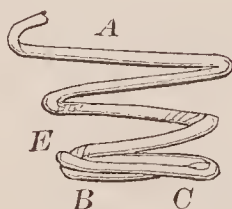
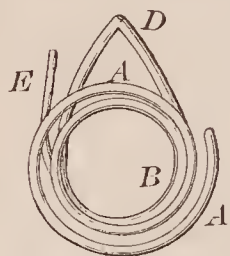
72005—J. Farnshaw—
Woven Fabric.



72003—J. J. Duchesne—*Pivot Gearing.*



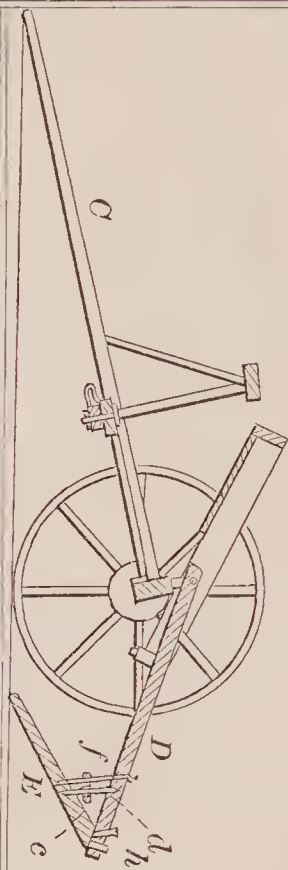
72008—J. Flinn—*Spring for Webbing.*



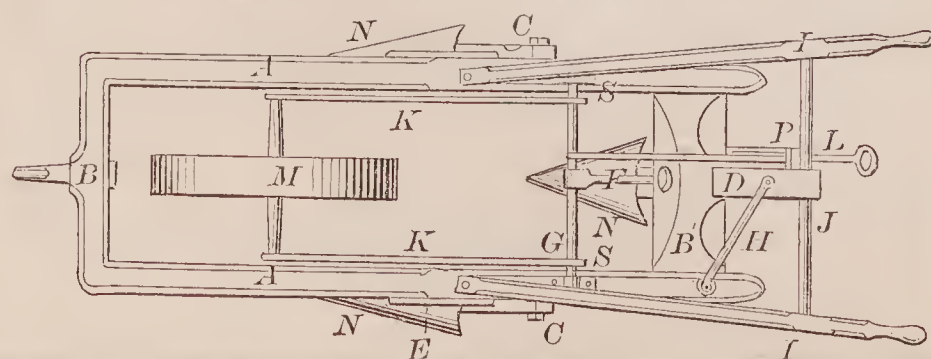
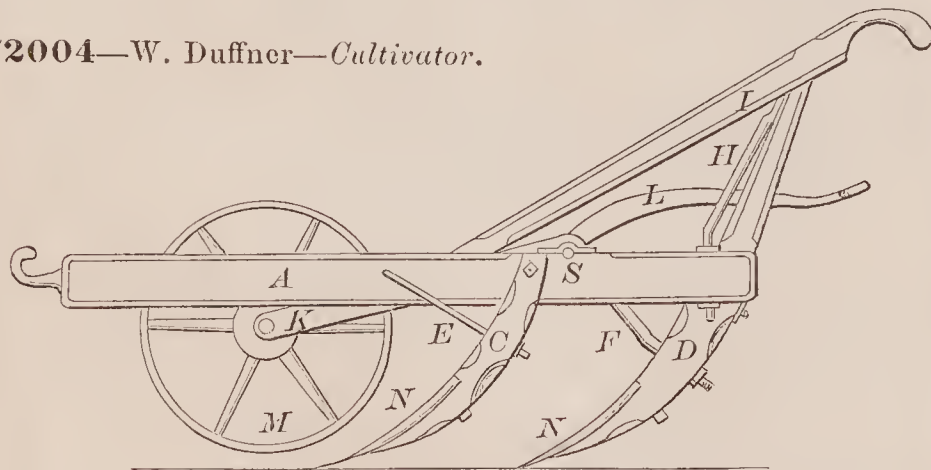
72007—C. D. Flesche—*Punch for
Forming Clasps.*



72006—E. A. Field—*Horse Rake.*



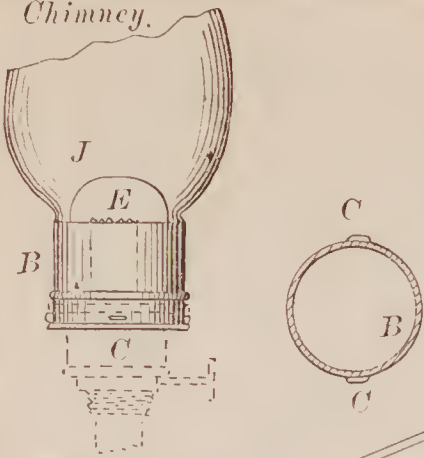
72004—W. Duffner—*Cultivator.*



72009—A. V. Foster—*Knife and
Fork Holder.*



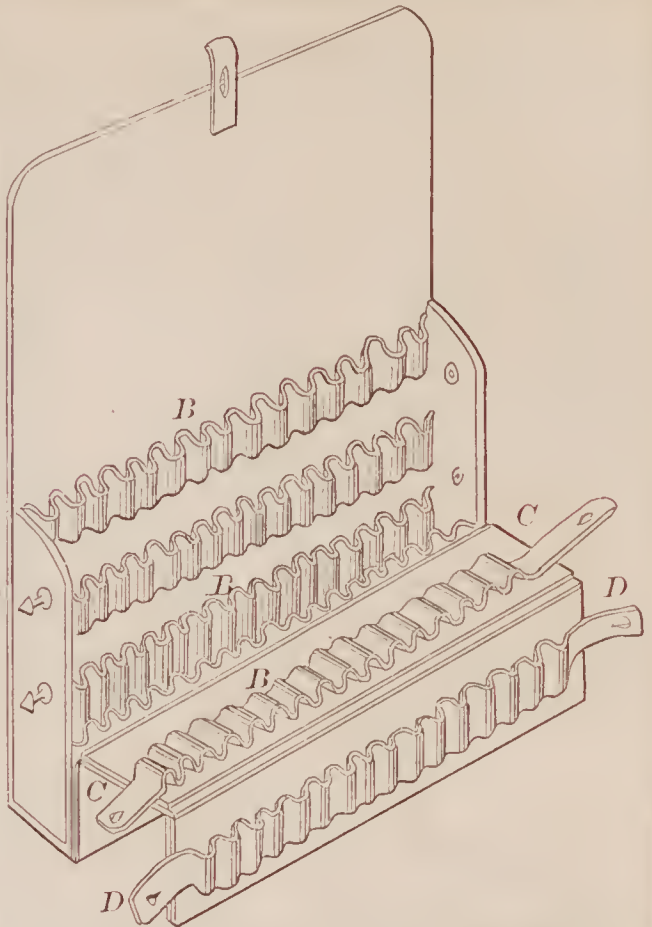
72010—S. W. Fowler—*Lamp Chimney.*



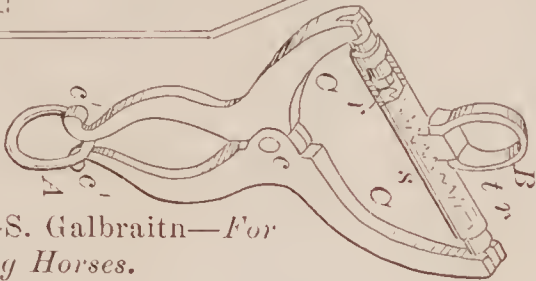
72013—J. Gardner—



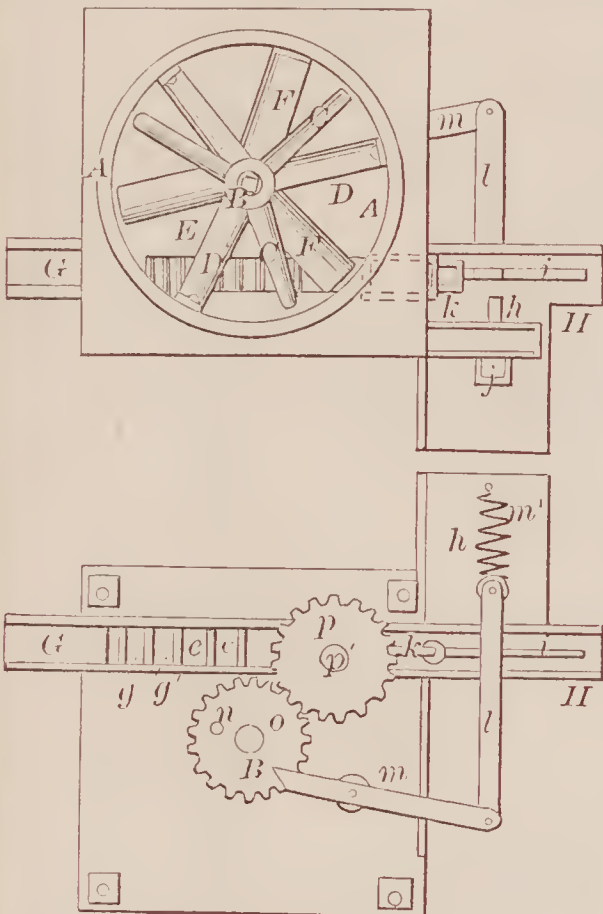
72011—W. Freeborn—*Cartridge Box.*



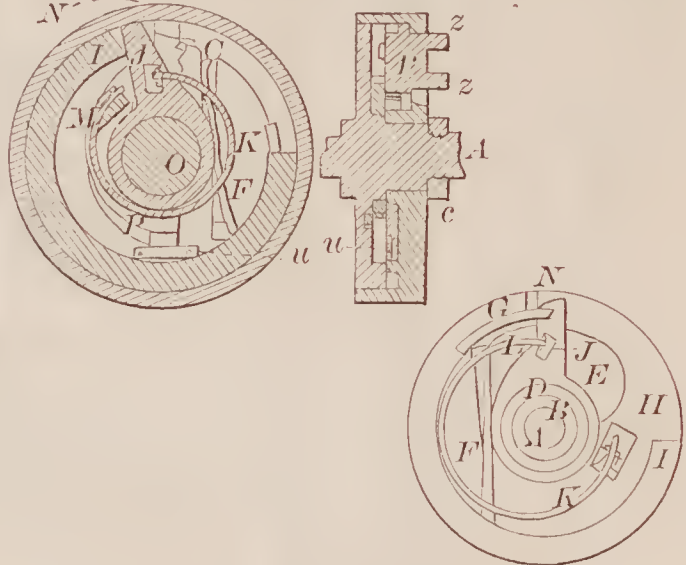
72012—S. Galbraith—*For Hitching Horses.*



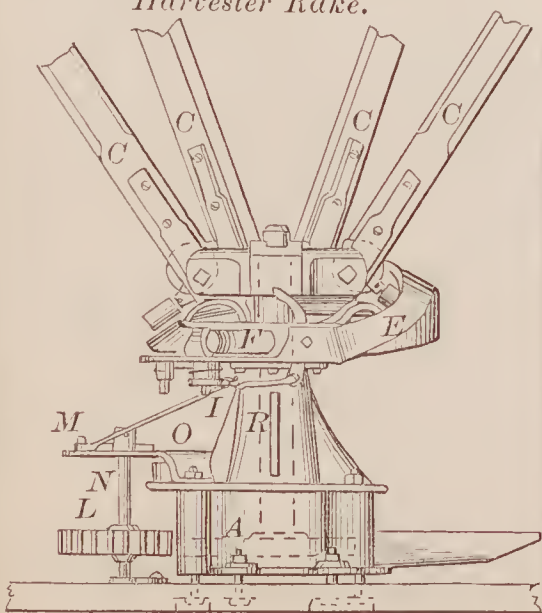
72015—S. Gassinger—*Brick Machine.*



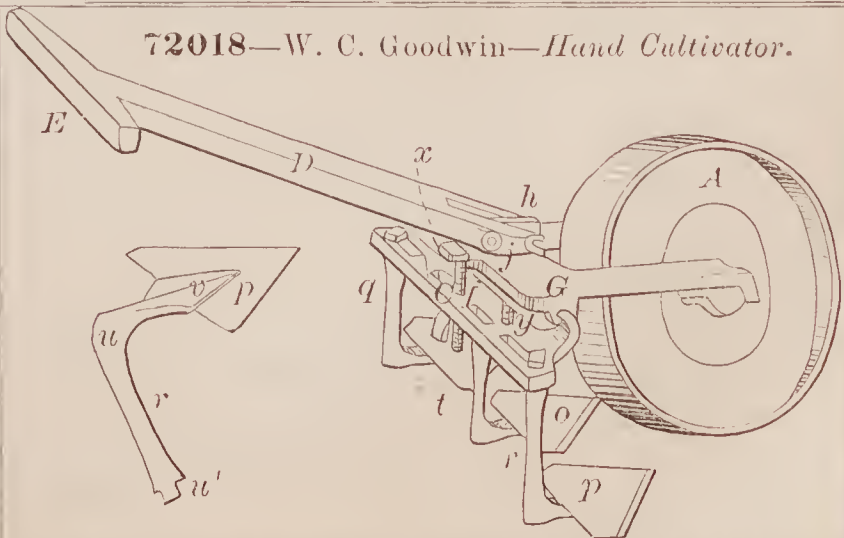
72014—J. P. Gates—*Tight and Loose Pulley.*

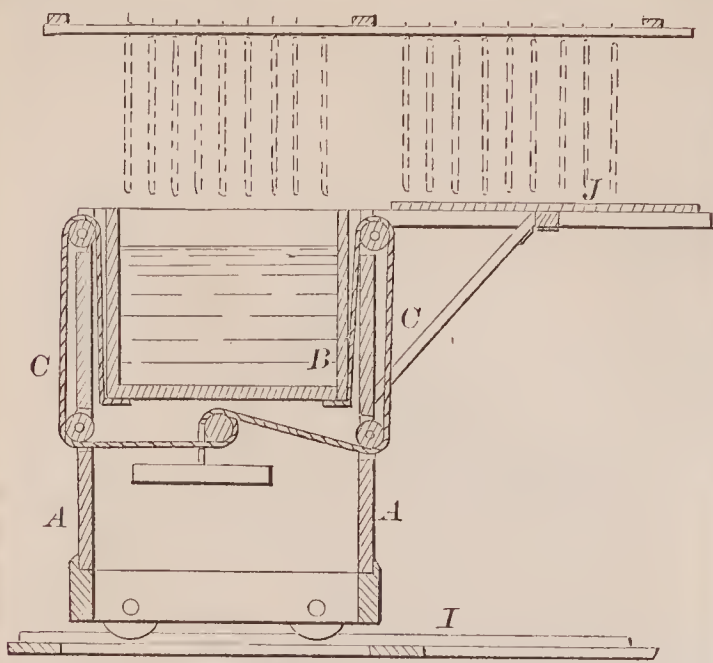
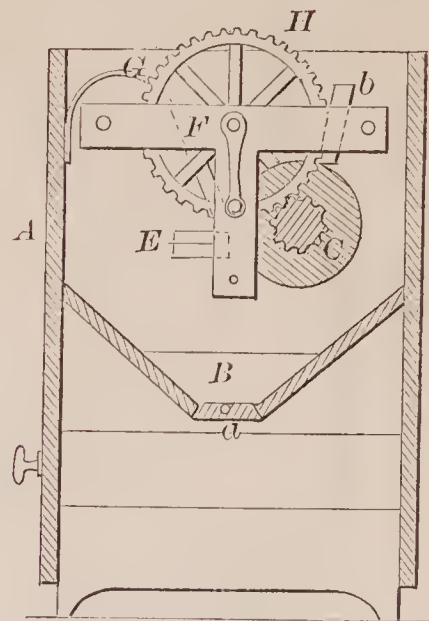
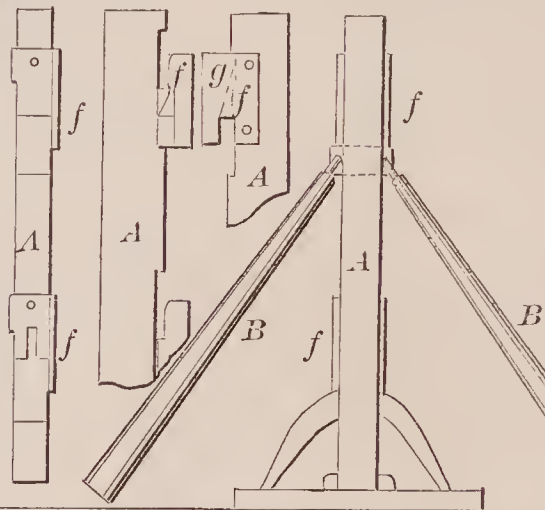
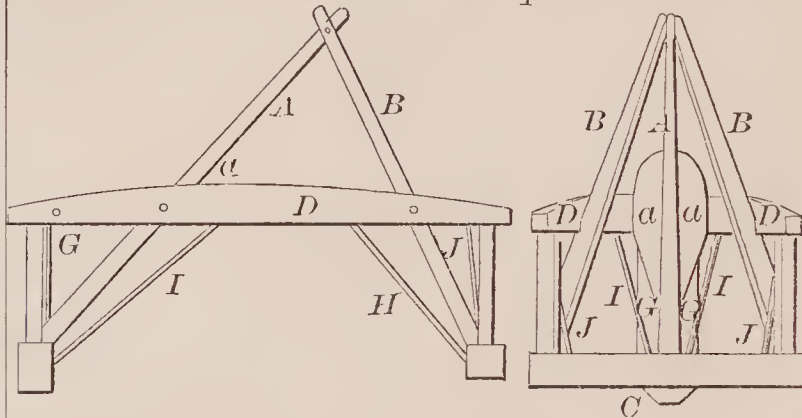
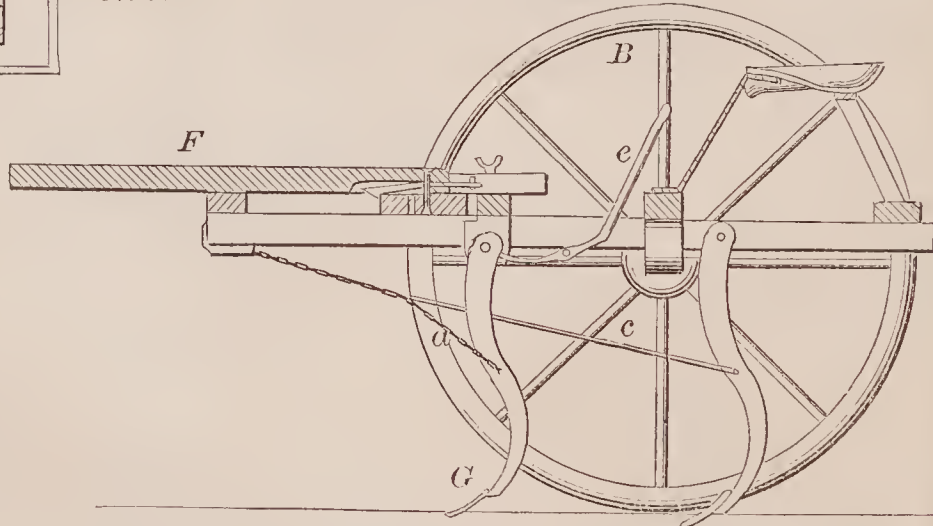
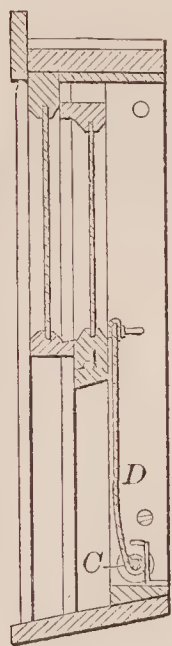
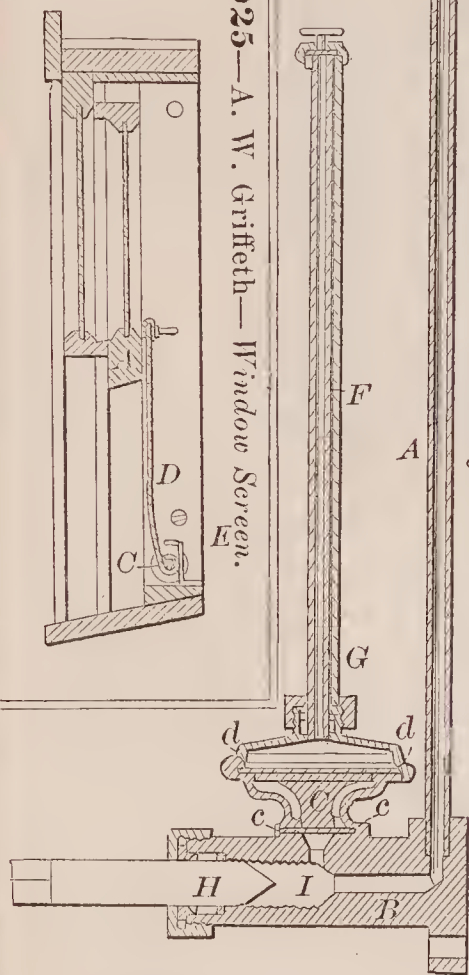
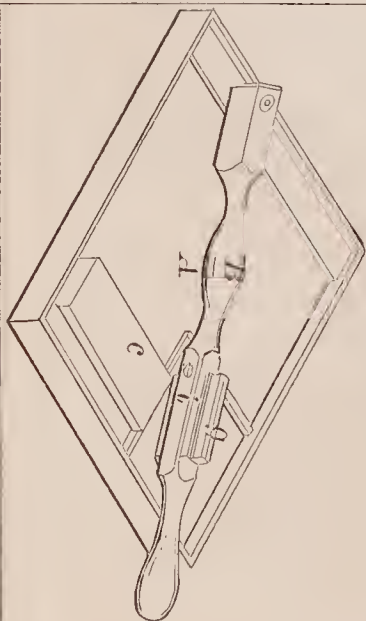


72016—J. H. & A. J. Glass—*Harvester Rake.*

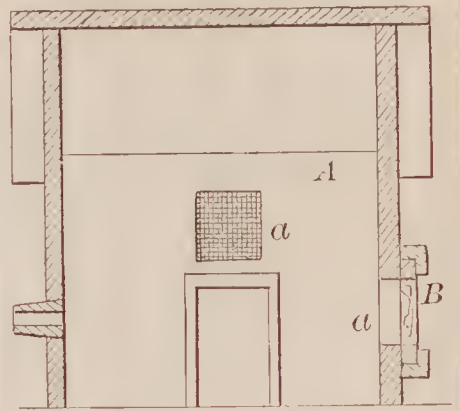


72018—W. C. Goodwin—*Hand Cultivator.*

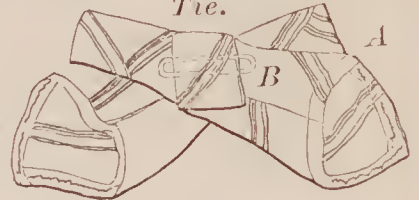


72019—P. R. Gottstein—*Dipped Candle.*72020—J. Gould—*Corn Sheller.*72022—D. M. Graham—*Fence Post.*72024—T. S. Greenman—*Stump Extractor.*72027—Cross & Tunison—*Cultivator.*72028—J. A. Haase—*Hose Shield.*72025—A. W. Griffith—*Window Screen.*72023—A. S. Greene—*Steam Gauge.*72021—L. Goulding—*Knife Cleaner.*

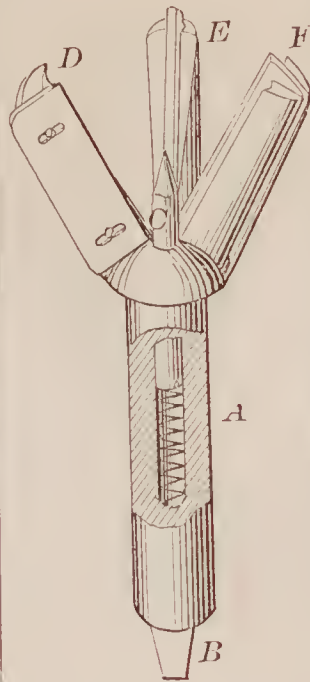
72032—G. C. Hall—*Collecting Oxide of Zinc.*



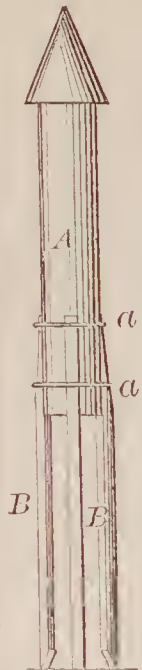
72034—W. H. Hart—*Neck Tie.*



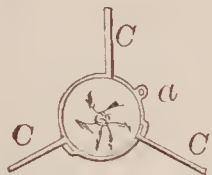
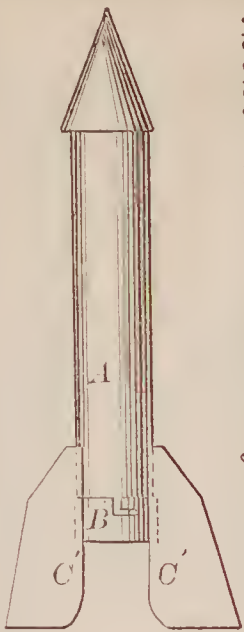
72031—C. E. Hall—*For Refitting Conical Valves*



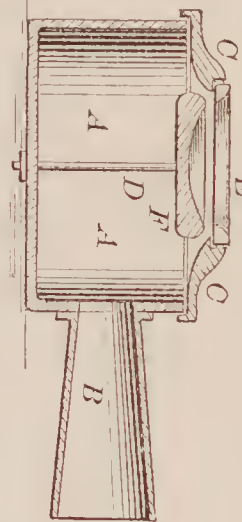
72030—J. W. Hadfield—*Sky Rocket.*



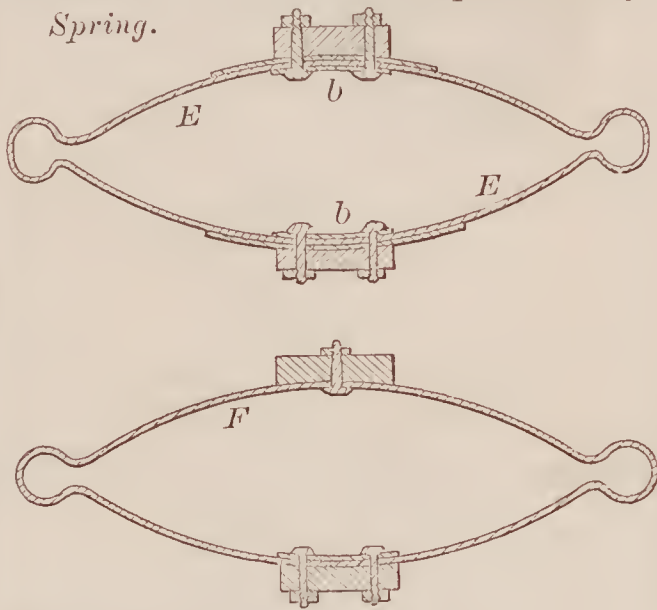
72029—J. W. Hadfield—*Sky Rocket.*



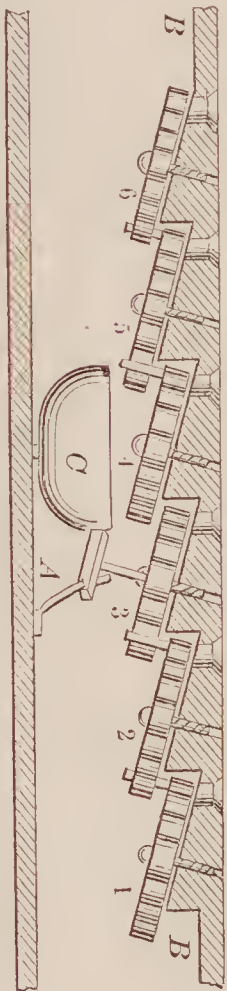
72039—J. B. Himberg—*Tugere.*



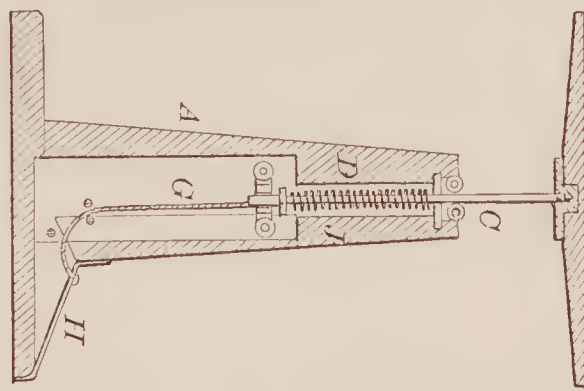
72035—H. R. Hawkins—*Elliptic Carriage Spring.*



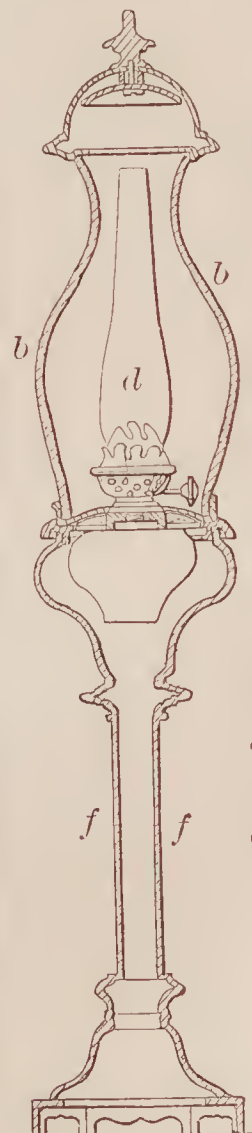
72033—H. F. Hart—*Register for Odometers.*



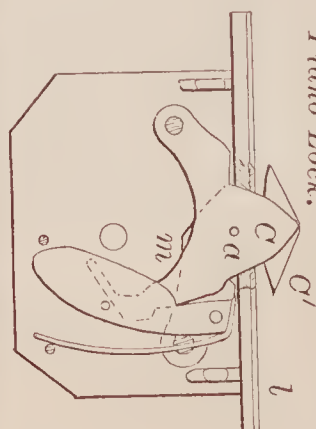
72037—D. Hazard—*Platform Scale.*



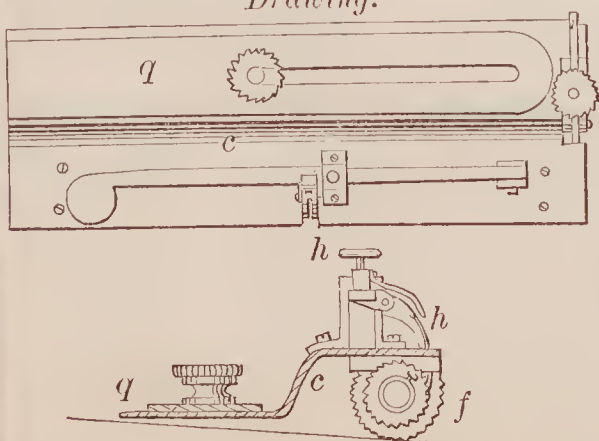
72040—J. & J. Hinks—*Petroleum Burning Lamp.*



72038—A. Helmstaedter—*Piano Lock.*



72036—E. K. Haynes—*Hatch-Lining Drawing.*



72040—Continued.

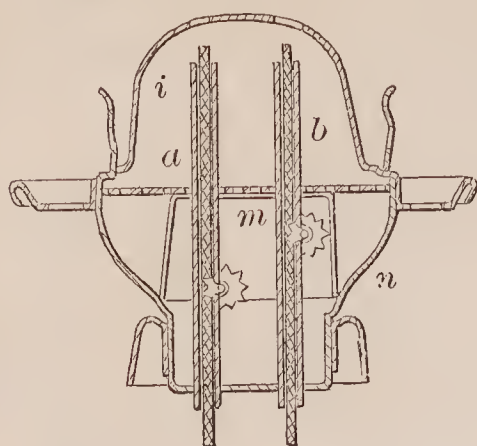


Fig. 2

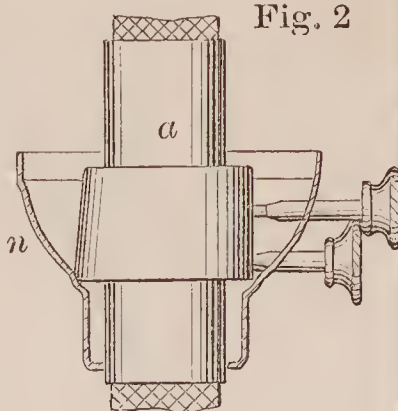


Fig. 13

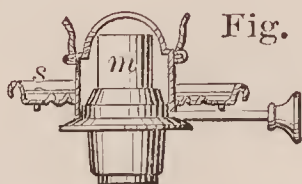


Fig. 14

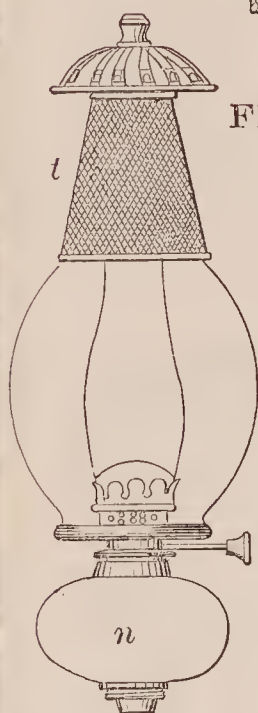
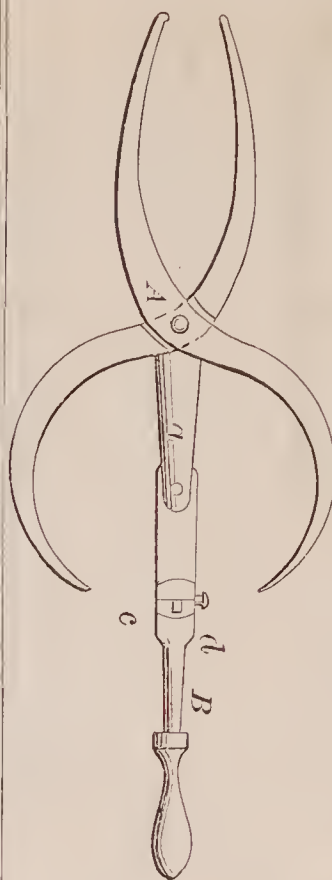


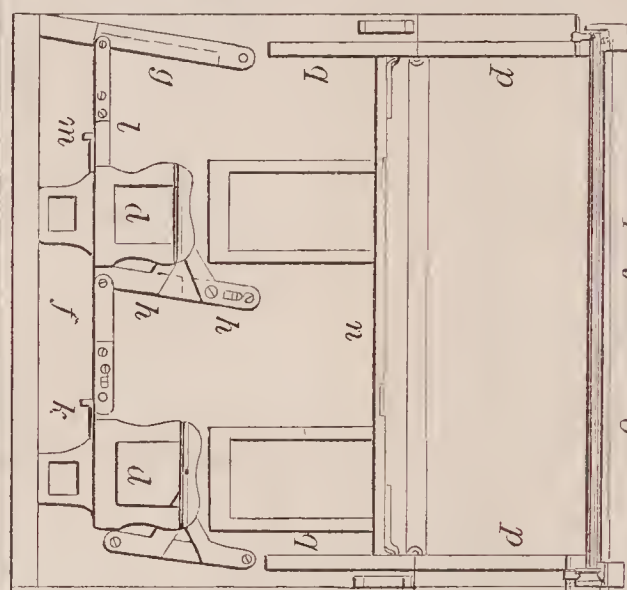
Fig. 9



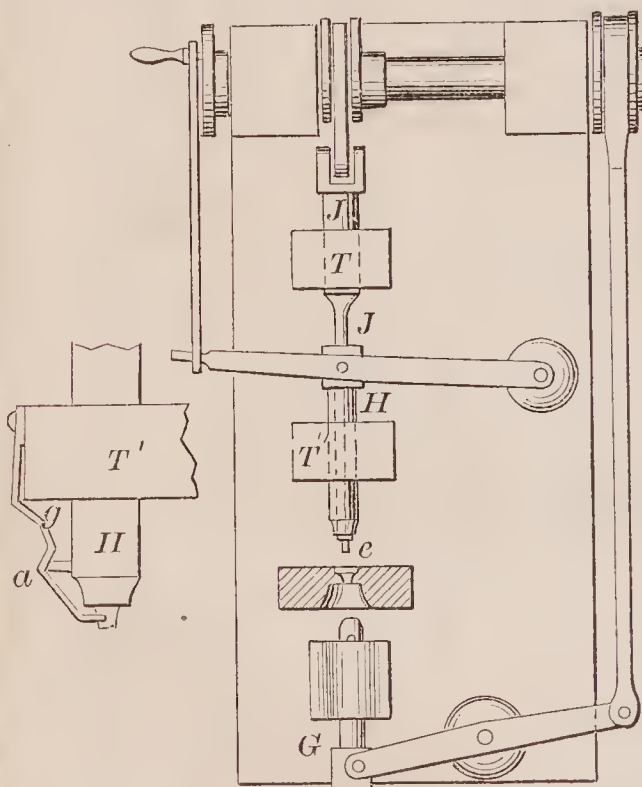
72042—H. Holt—For Opening Fruit Cans.



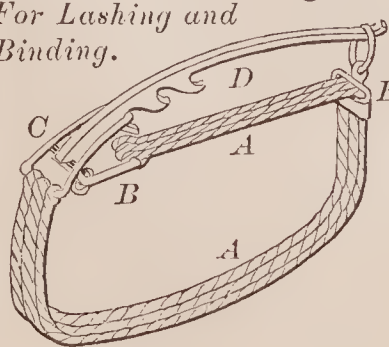
72045—G. W. Hunt—Railway Sleeping Car.



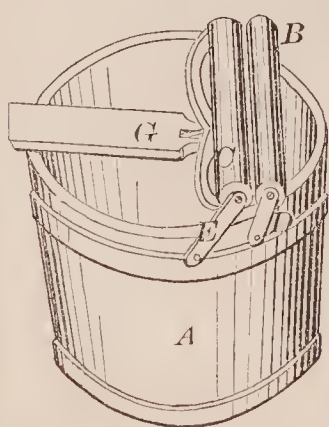
72044—D. K. Hoxsie—For Making Eyelets.



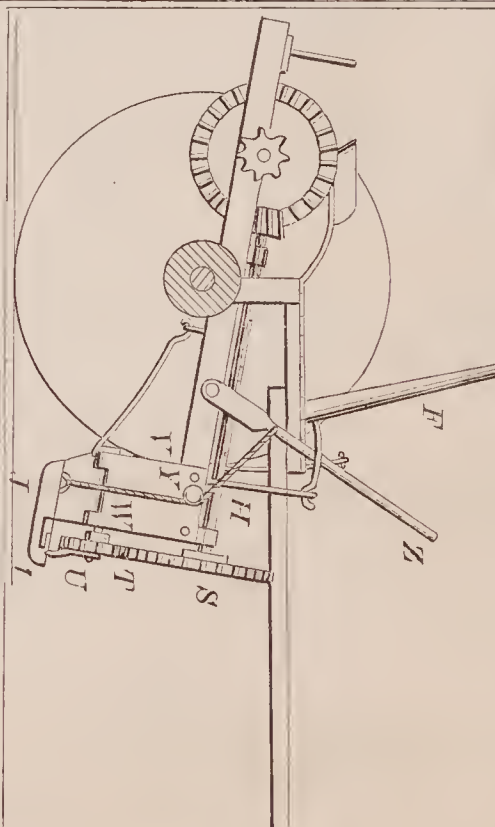
72041—J. M. Hirlinger—For Lashing and Binding.



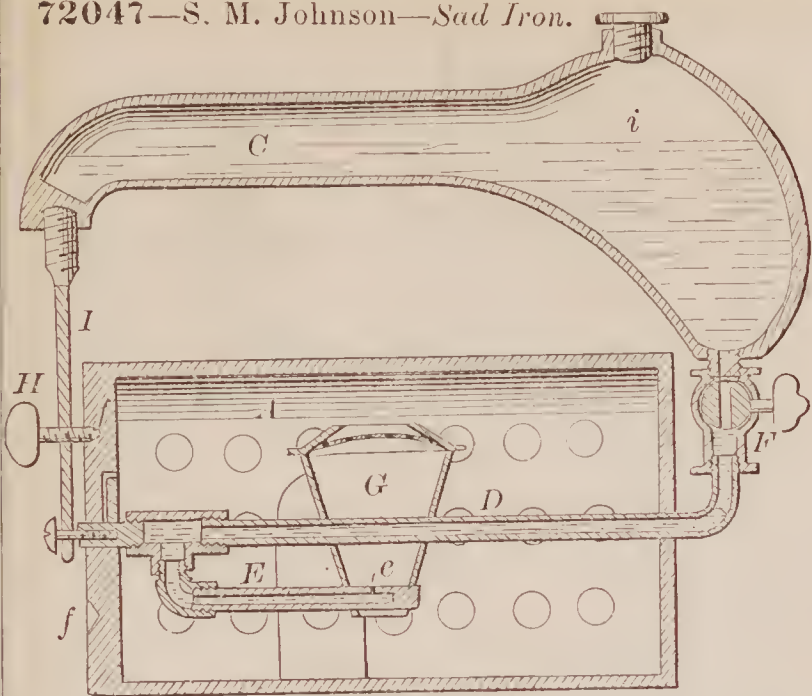
72043—Z. Lowe—Mop Wringer.



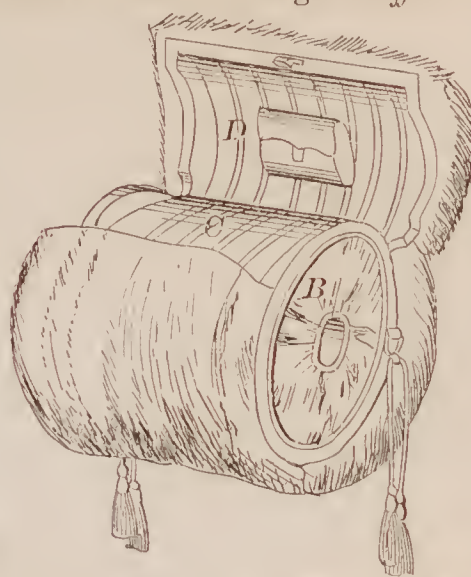
72046—G. W. Jackson—Harvester.



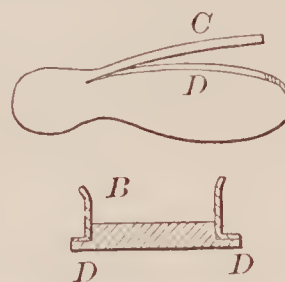
72047—S. M. Johnson—*Sad Iron.*



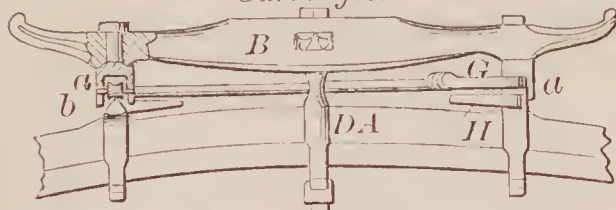
72049—M. A. King—*Muff.*



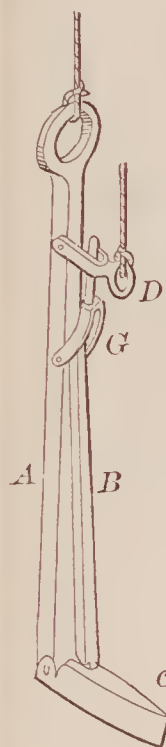
72048—W & J. Keats—*Boots and Shoes.*



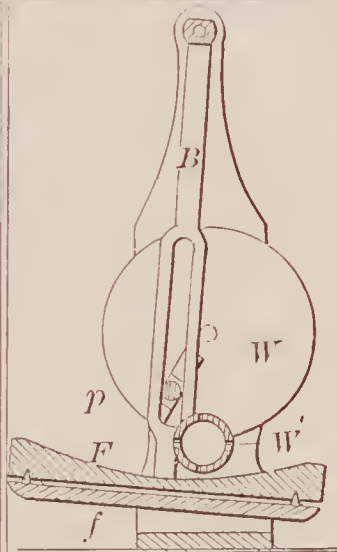
72051—J. Lawrence—*Fifth Wheel for Carriages.*



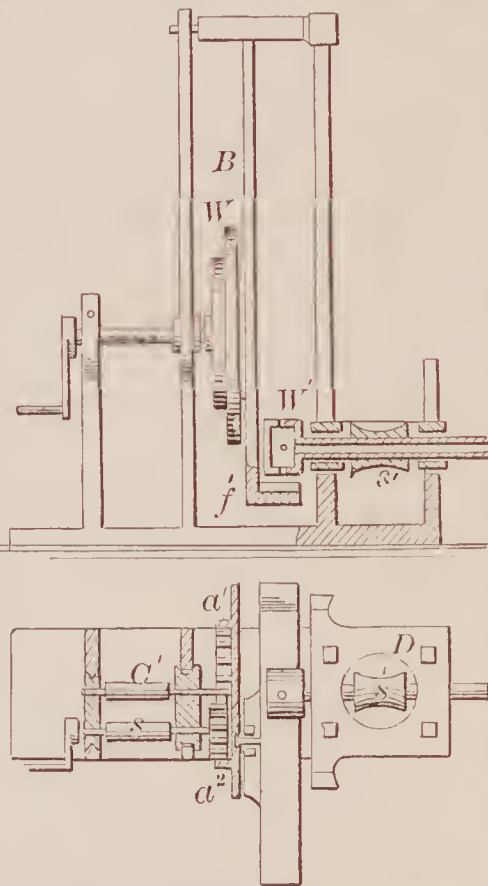
72050—A. Knapp—*Horse Hay Fork.*



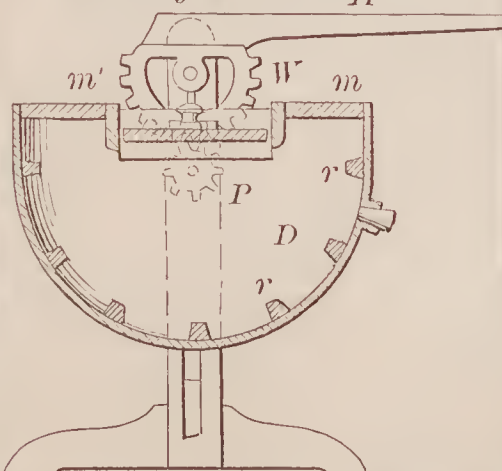
72053—F. C. Levalley—*Door Fastener.*



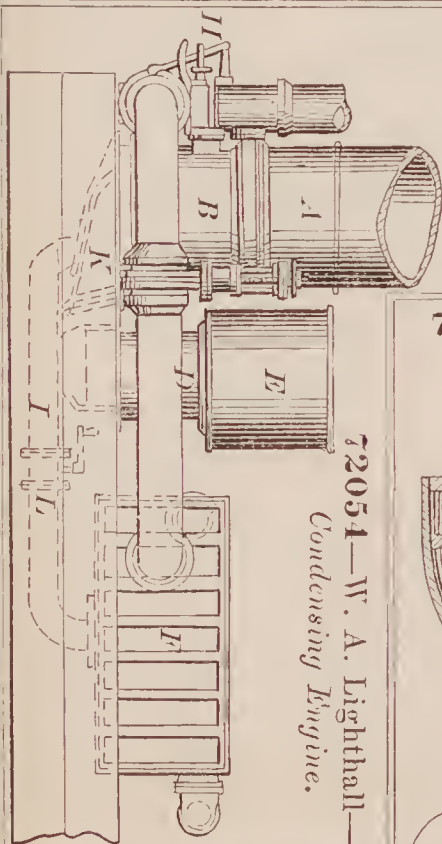
72055—G. S. Long—*For Forming Elliptic Spring.*



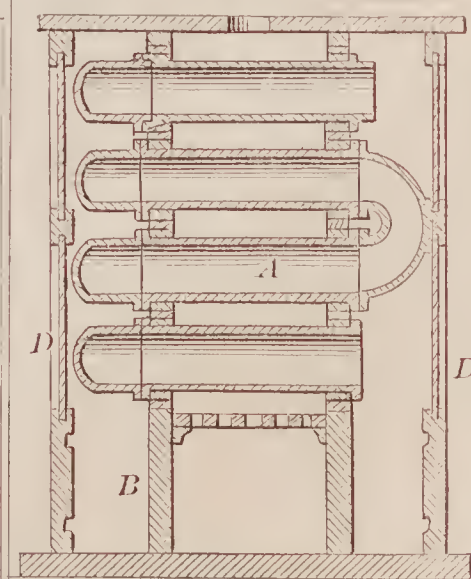
72052—J. Q. Lettingwell—*Washing Machine. II*



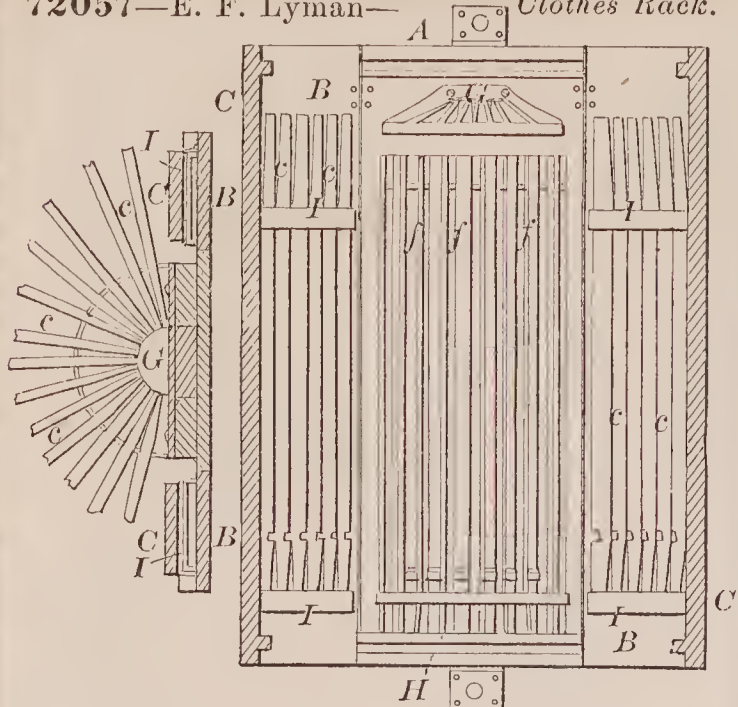
72054—W. A. Lighthall—*Condensing Engine.*



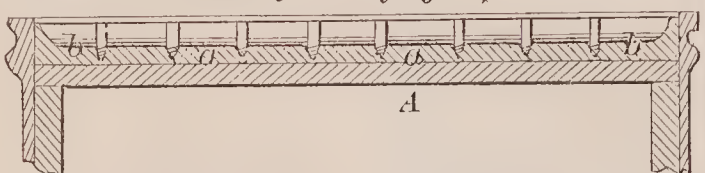
72056—R. Long—*Furnace.*



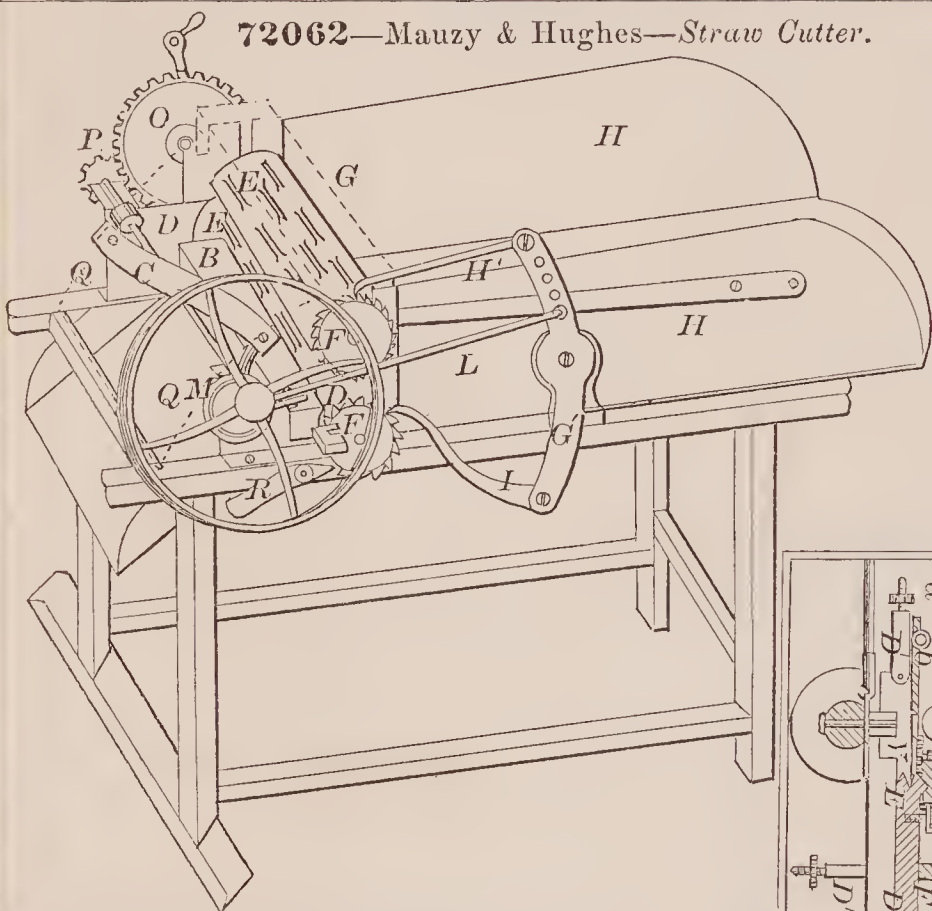
72057—E. F. Lyman—*Clothes Rack.*



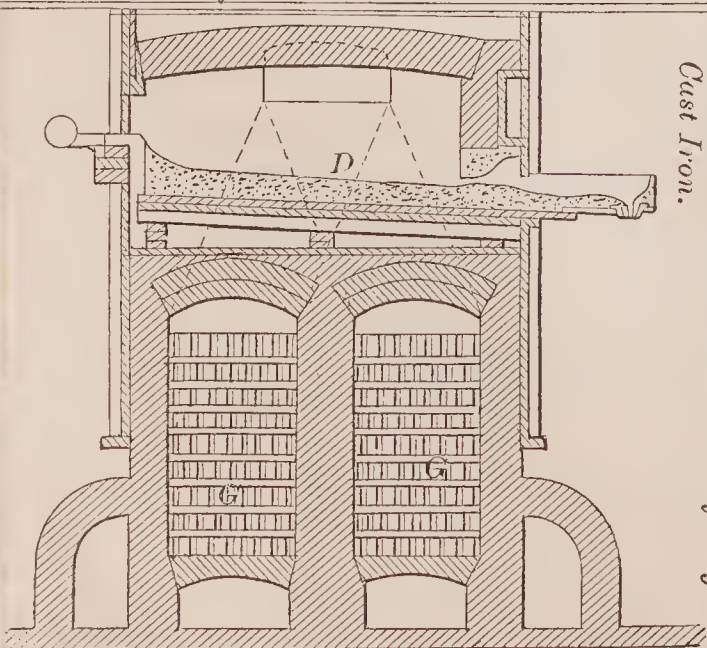
72060—O. Manly—*Roofing.*



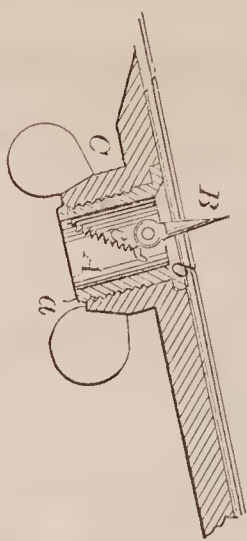
72062—Mauzy & Hughes—*Straw Cutter.*



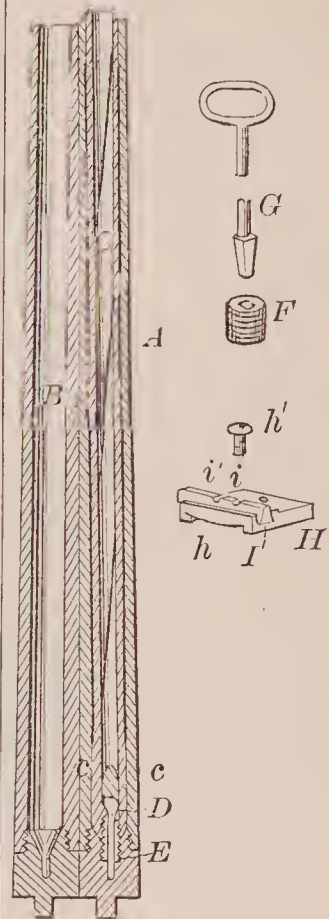
72061—E. & P. E. Martin—*Refining Cast Iron.*



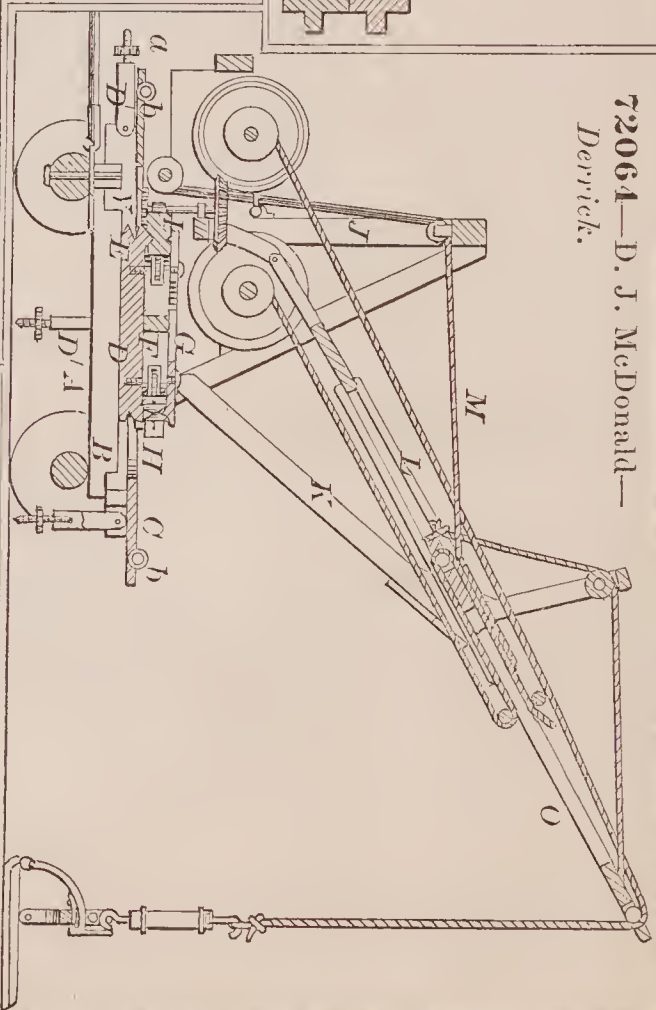
72059—R. W. Macgowan—*Register Point for Printing Presses.*

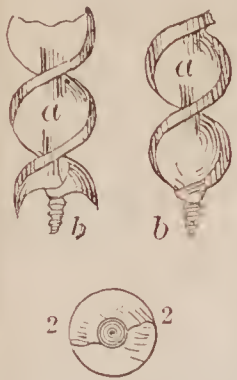


72063—S. McCulloch—*Convertible Shot Gun and Rifle.*



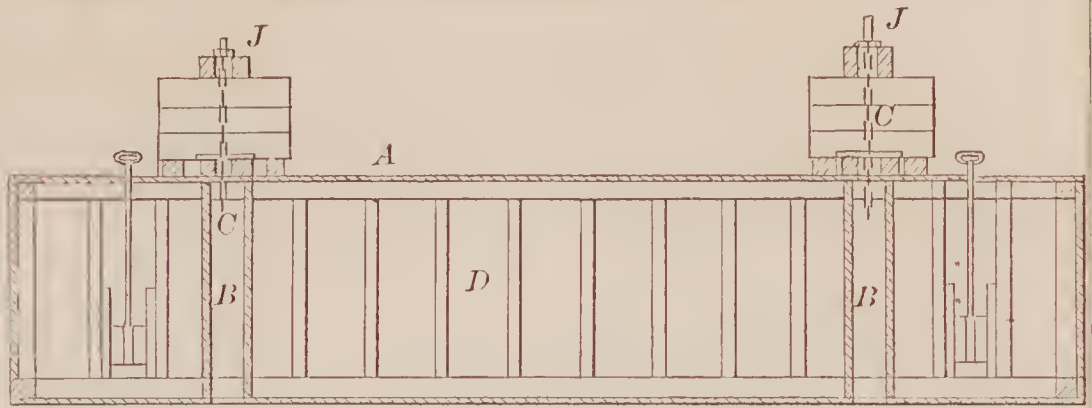
72064—D. J. McDonald—*Derrick.*



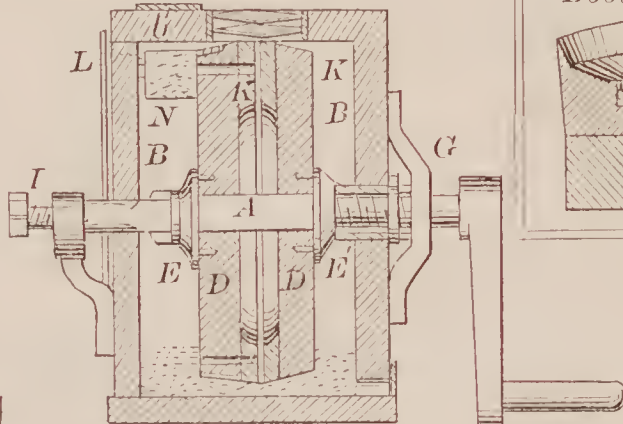
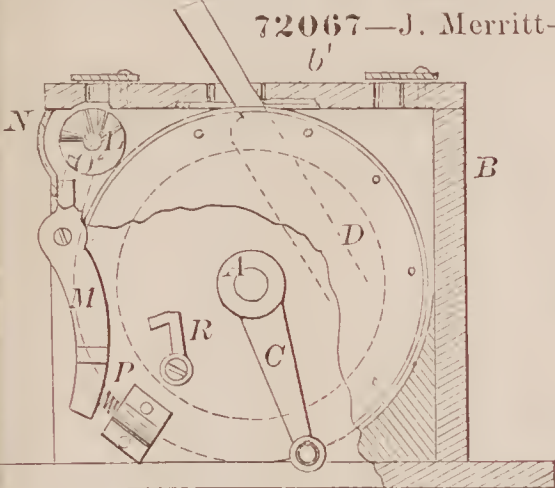


72065—J. A. McGee—Auger.

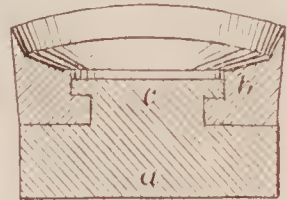
72066—I. J. Merritt—Dry Dock.



72067—J. Merritt—Knife and Fork Cleaner.

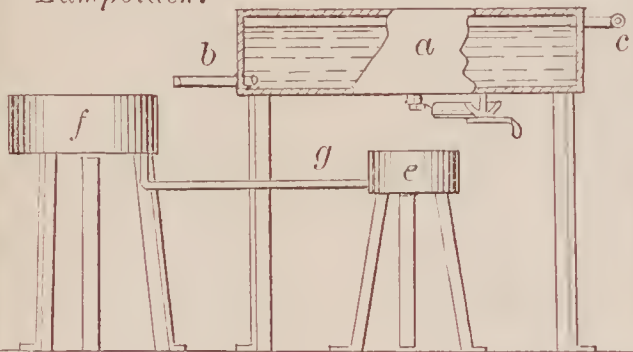


72073—E. Newhall—Boot and Shoe Heel.



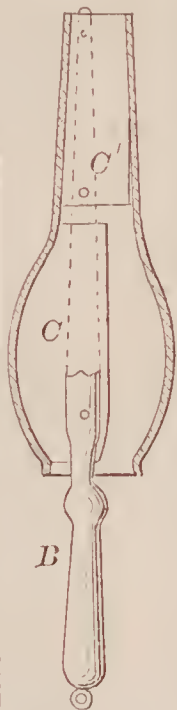
72072—R. B. Munson—Lamp Chimney Cleaner.

72068—A. Millochau—Manufacture of Lampblack.

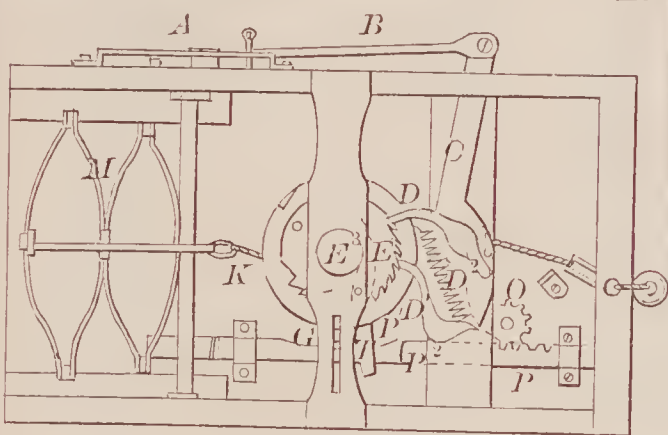


72070—H. Munson—Table for Teaching.

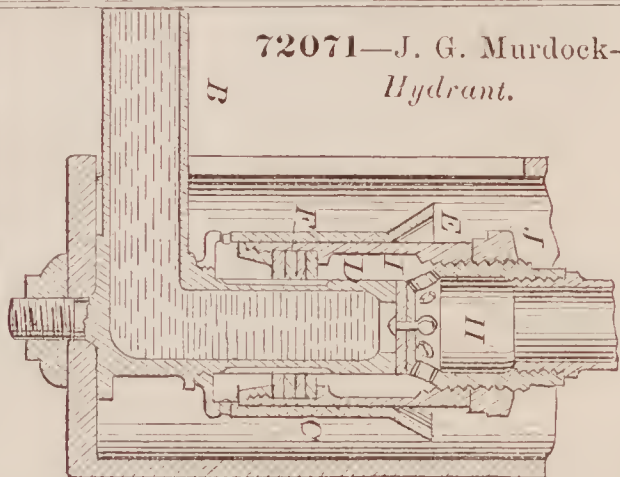
What is the interest in	pres't	day	rate in cent
1'inc. Fr. M.	2	18	10
\$ 497.34	5	2	10
\$ 785.50	6	3	15
\$ 72.00	1	4	9
\$ 387.34	4	11	13
\$ 47.25	2	1	12
\$ 37.87	3	5	14
\$ 378.40	9	7	1
\$ 77.30	7	6	8



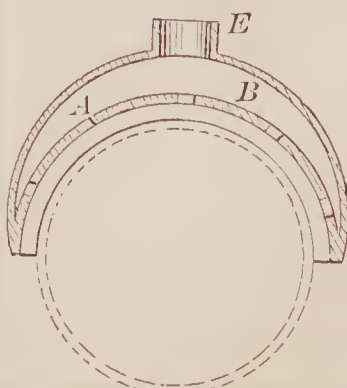
72069—J. Mitchell—Car Brake.



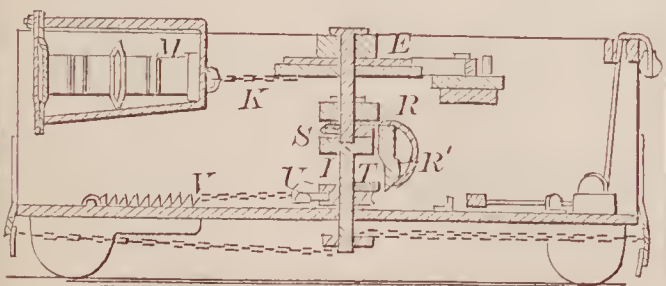
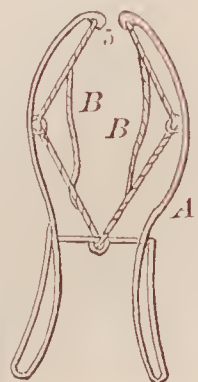
72071—J. G. Murdock—Hydrant.

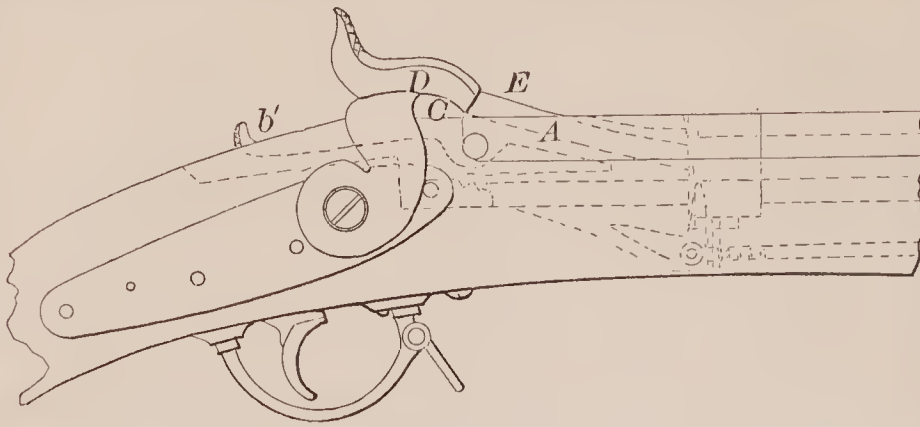
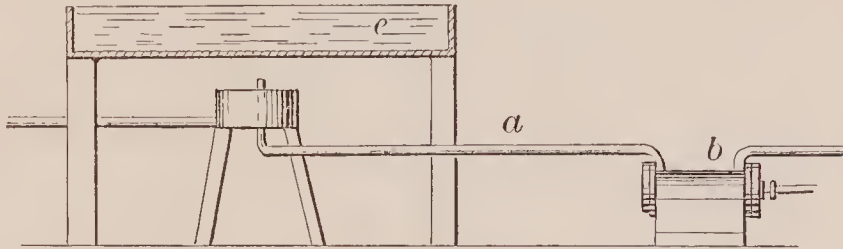
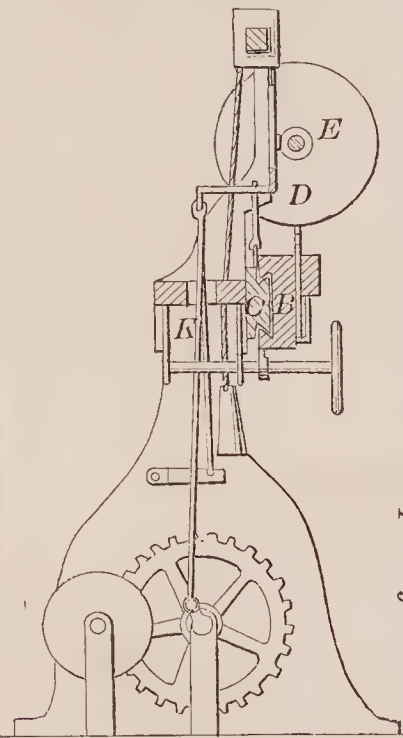
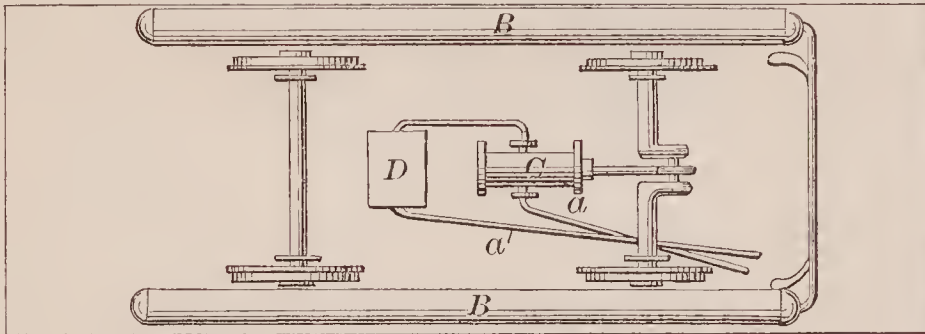
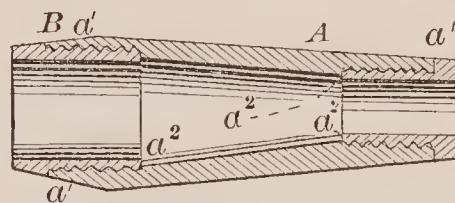
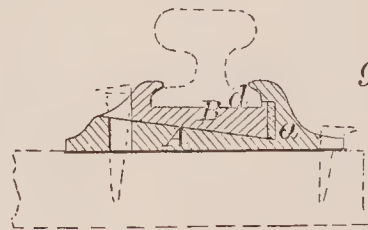
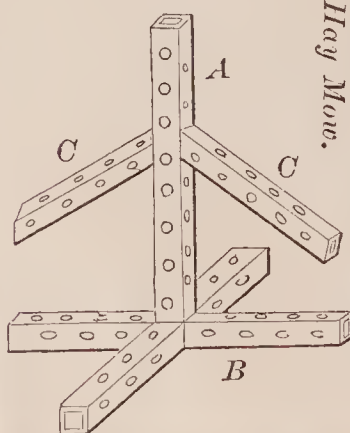
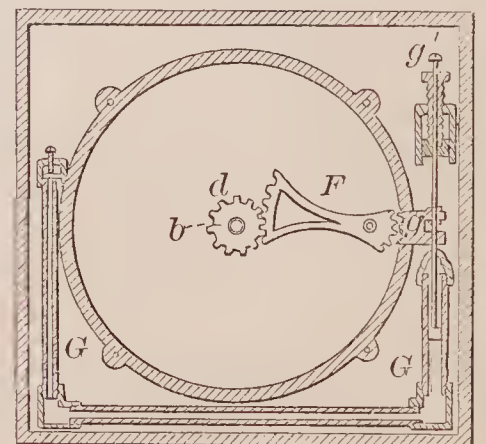
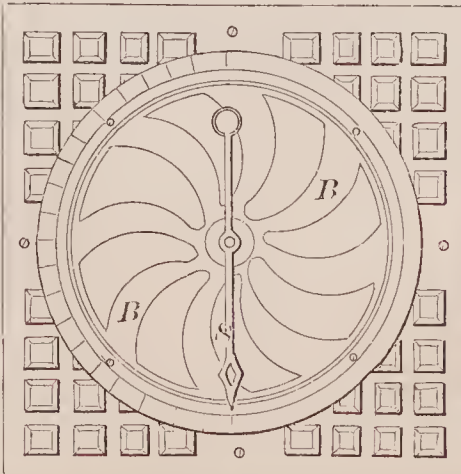
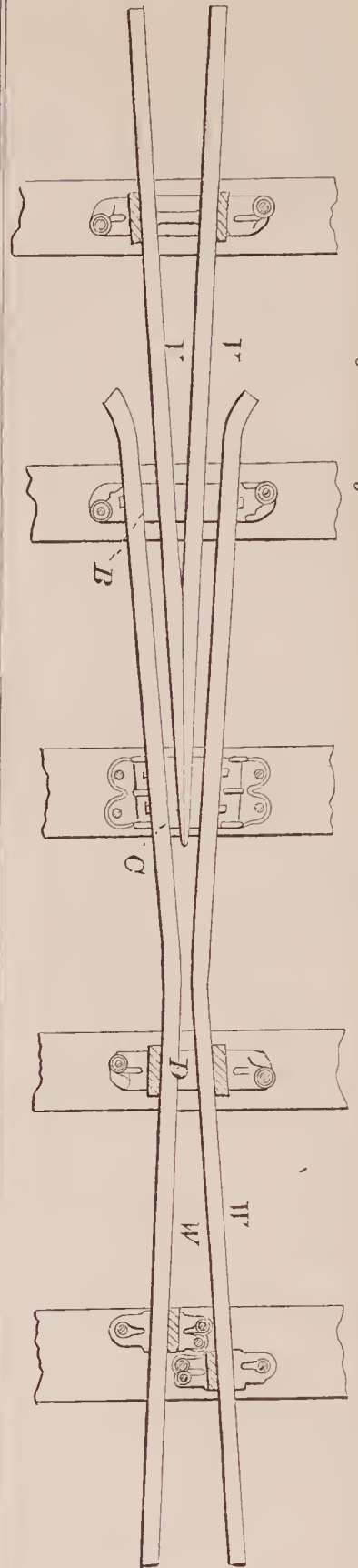


72074—J. B. Oldershaw—Hot Air Conductor.

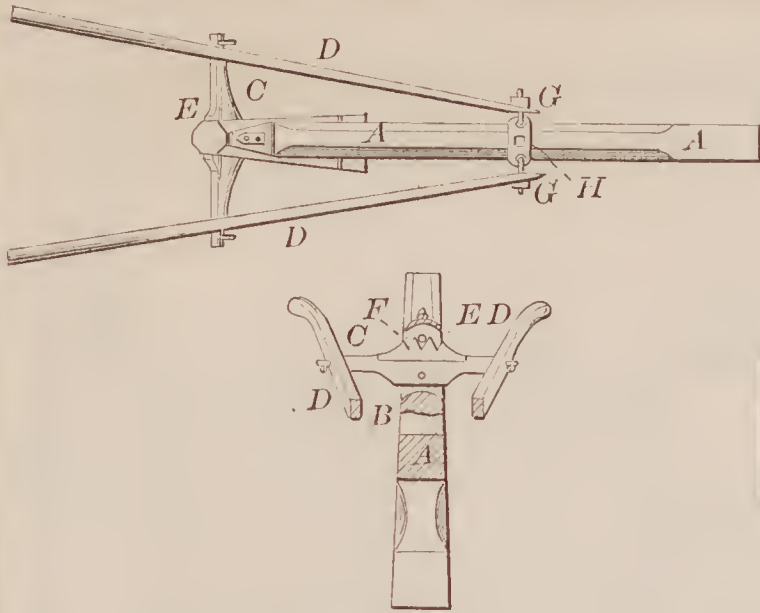


72075—Olendorf & Parshall—Vine Holder.

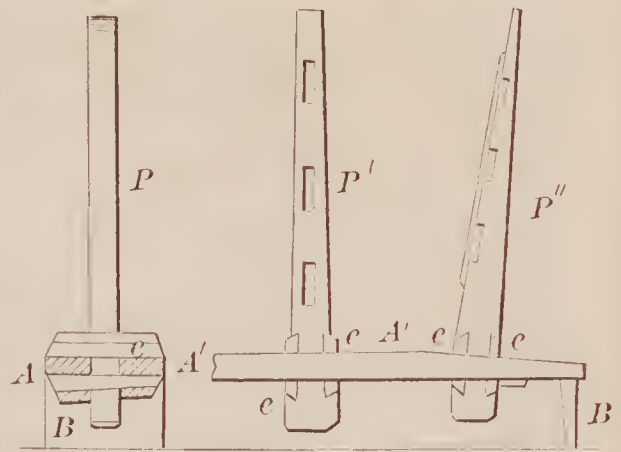


72076—H. O. Peabody—*Breech-Loading Fire Arm.*72078—R. N. Perlee—*Manufacture of Lampblack.*72082—L. Ransom—*Pneumatic Car.*72083—E. B. Rich—*For Sharpening Saws.*72079—H. B. Pitner—*Axle Box.*72080—L. Pollock—*Railway Chair.*72084—J. T. Buckley—*Automatic Register.*72081—G. Race—*Ventilating Hay Mow.*72077—S. Perkins—*Railway Crossing.*

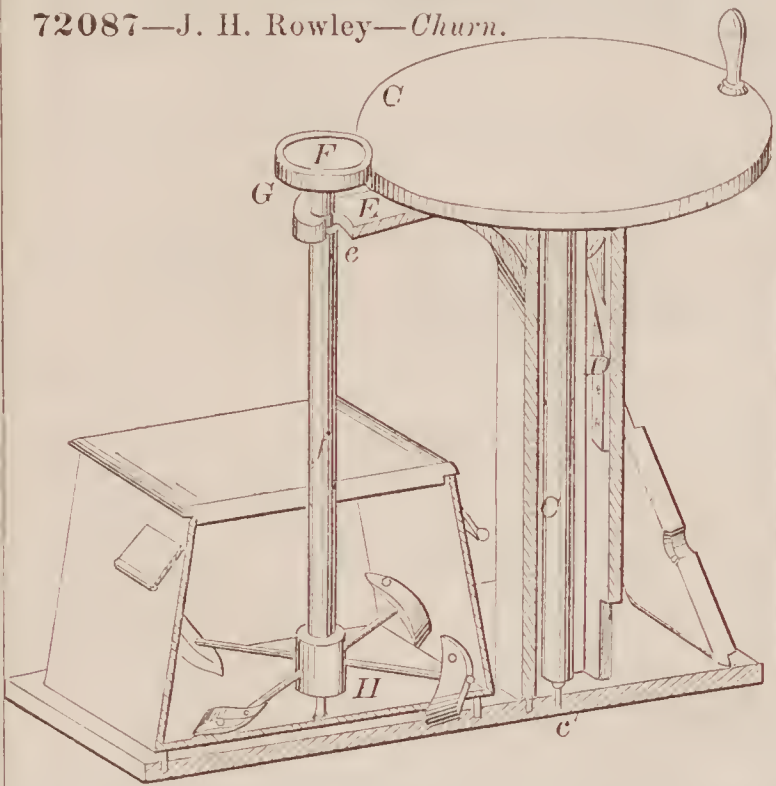
72085—P. A. Ross—*Shovel Plow.*



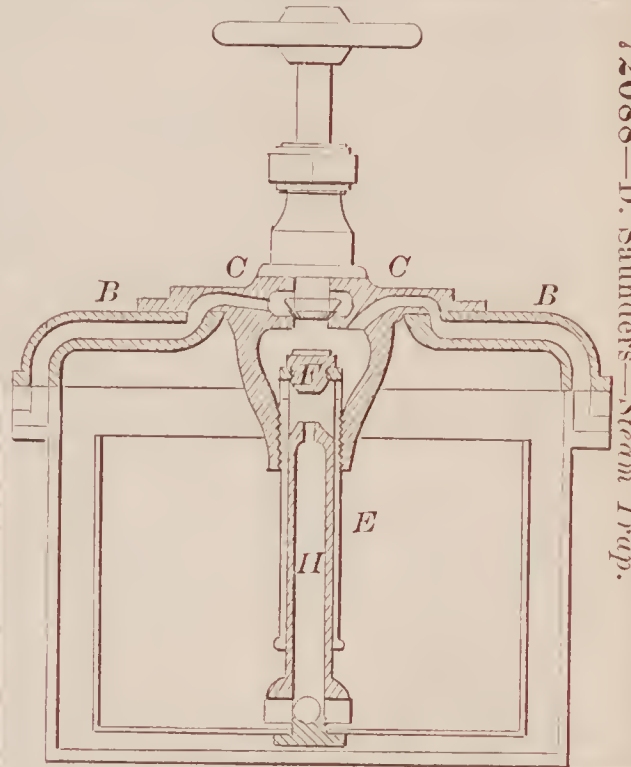
72086—R. Ramsey—*Fence Post.*



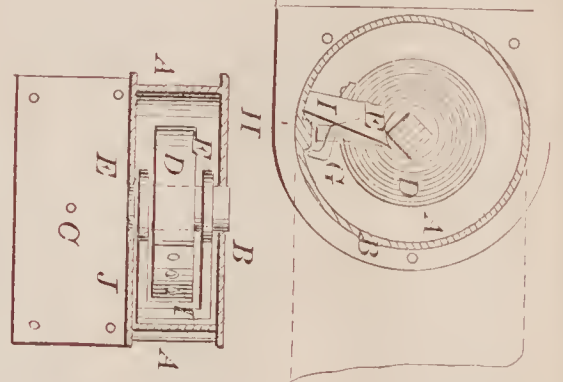
72087—J. H. Rowley—*Churn.*



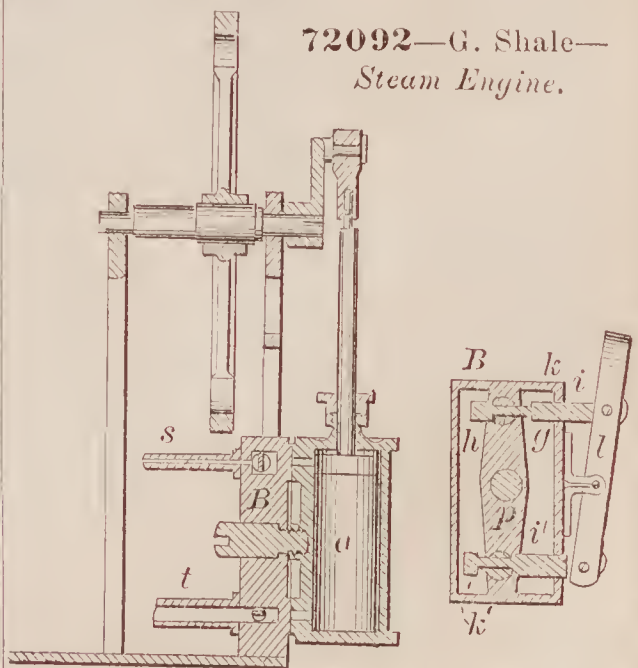
72088—D. Saunders—*Steam Trap.*



72089—R. Schrader—*Door Spring.*



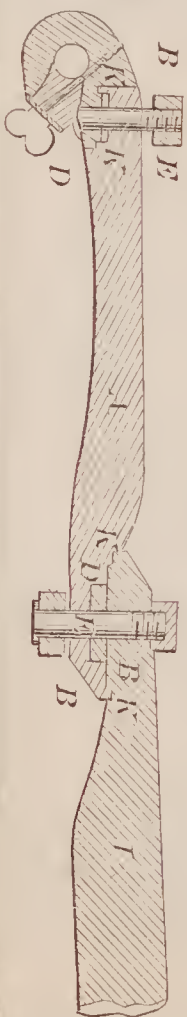
72092—G. Shale—*Steam Engine.*

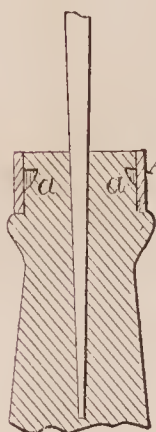
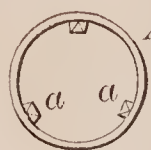
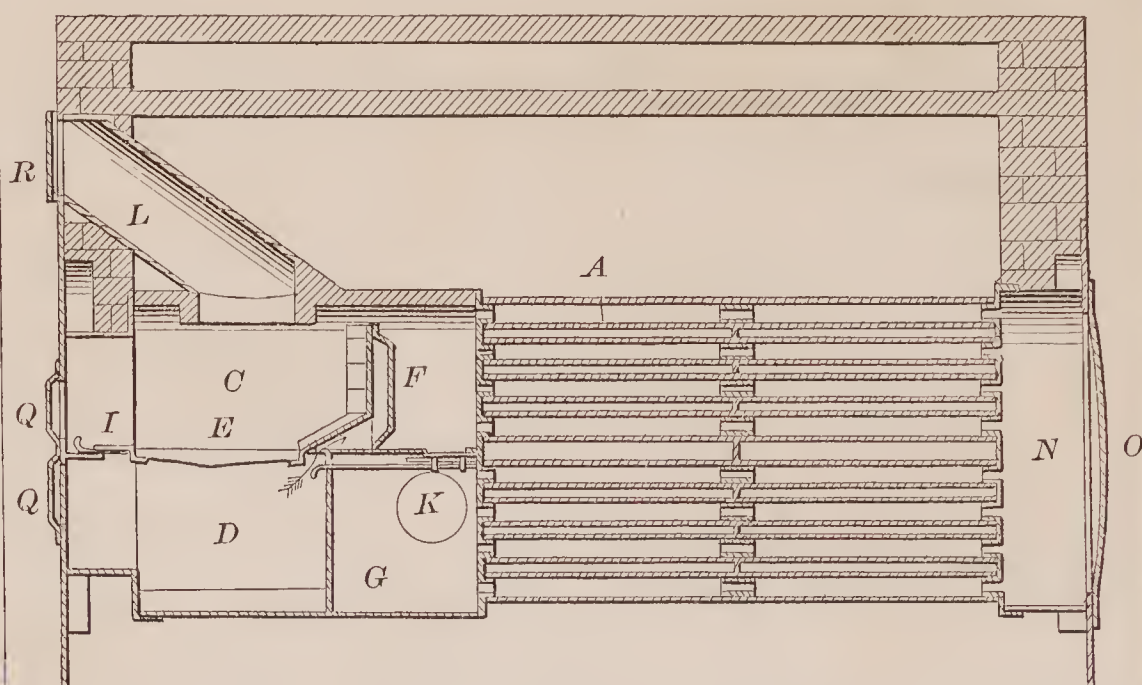
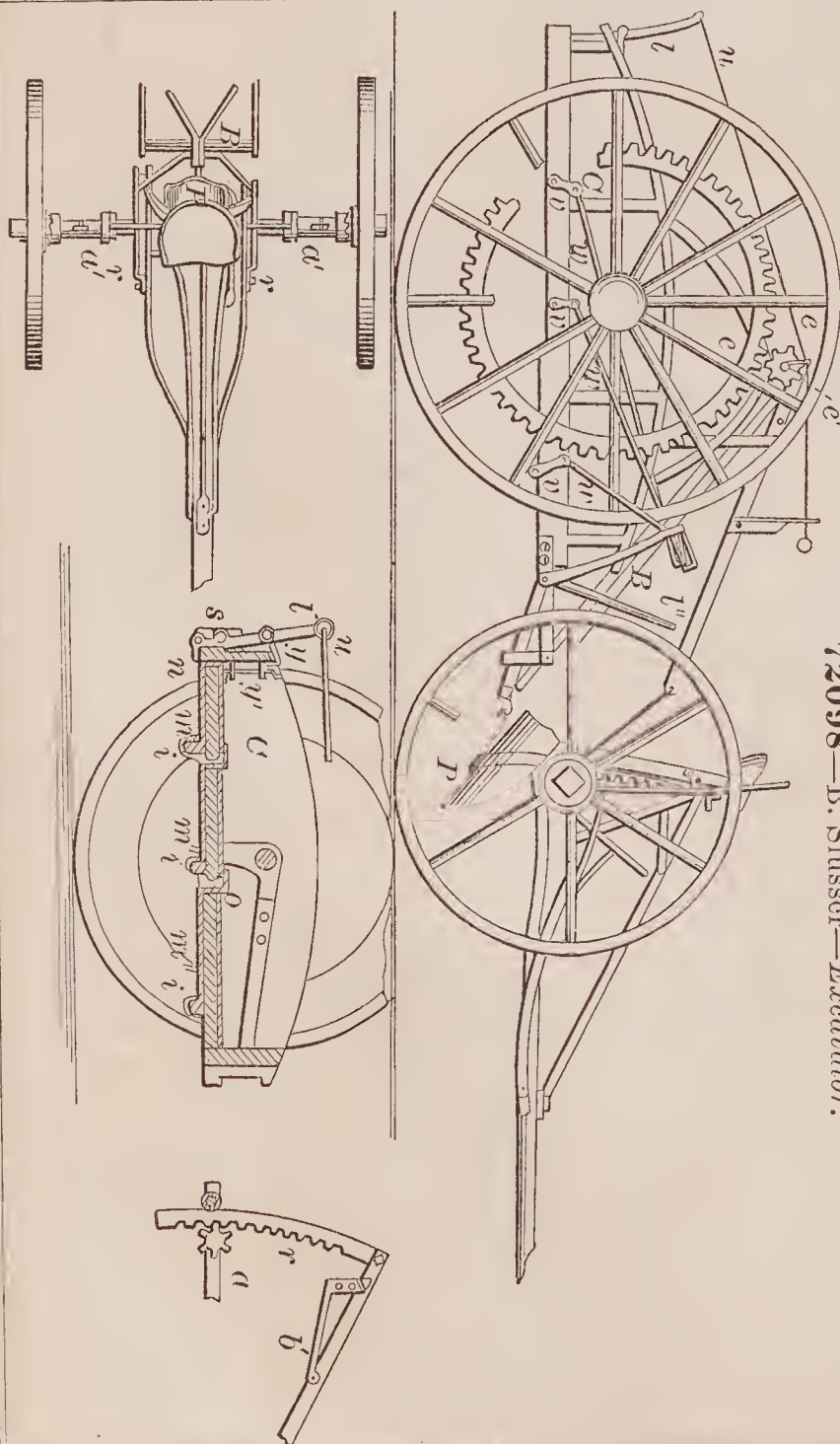
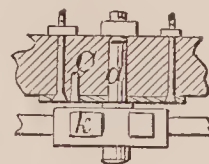
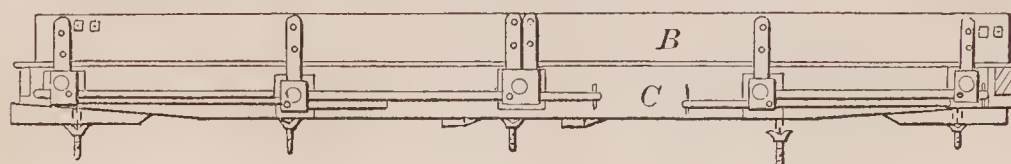
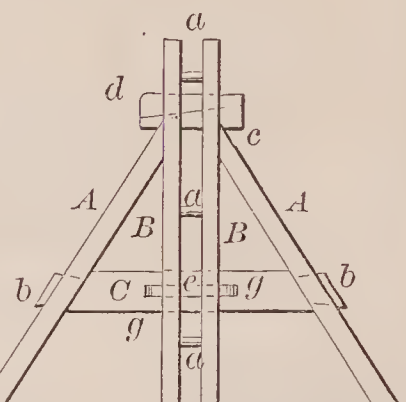
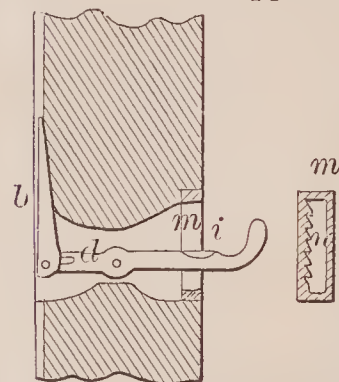
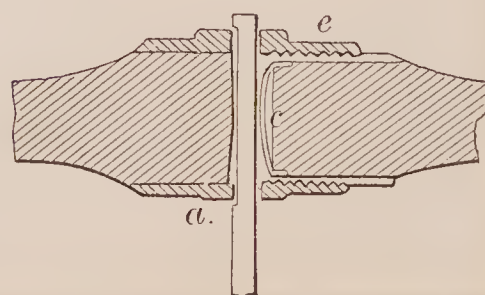


72091—A. Searls—*Carriage.*

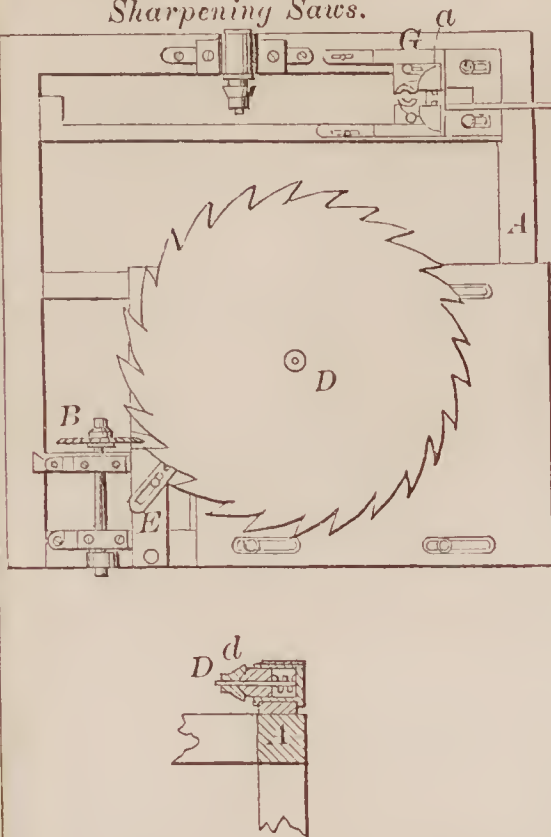


72090—A. Searls—*Pole Coupling for Vehicles.*

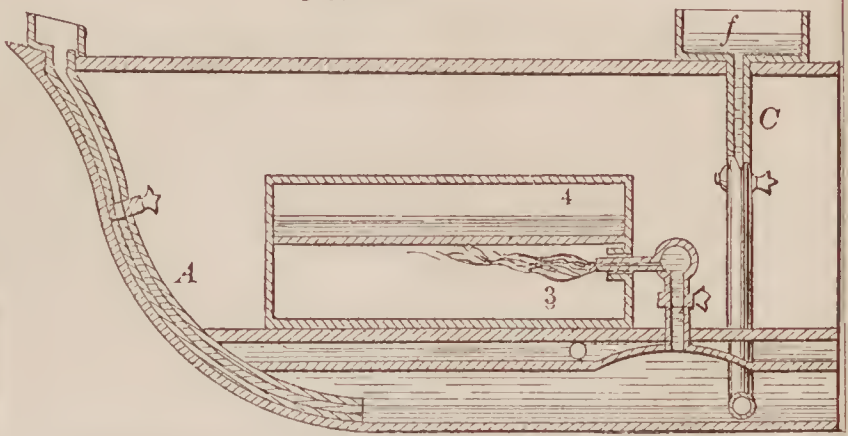


72095—C. J. Shepard—*Tubular Heater.*72093—A. Shaw—*Ferrule.*72097—T. A. Slack—*Stake Holder for Railroad Cars.*72098—B. Slusser—*Excavator.*72094—W. H. Shay—*Fence Post.*72096—J. W. Simpson—*Window Sash Supporter.*72099—D. Y. Smith—*Auger Handle*

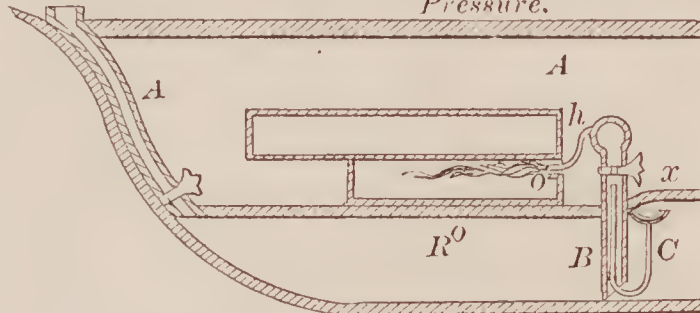
72100—J. B. Smith—*For Sharpening Saws.*



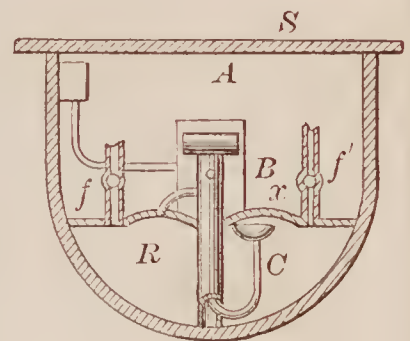
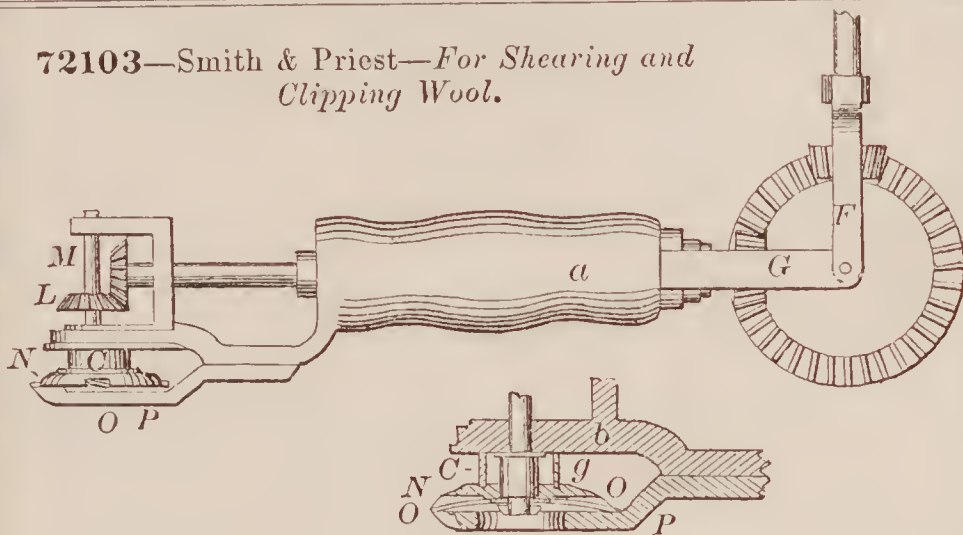
72102—J. H. Smith—*Ship for Transporting Petroleum.*



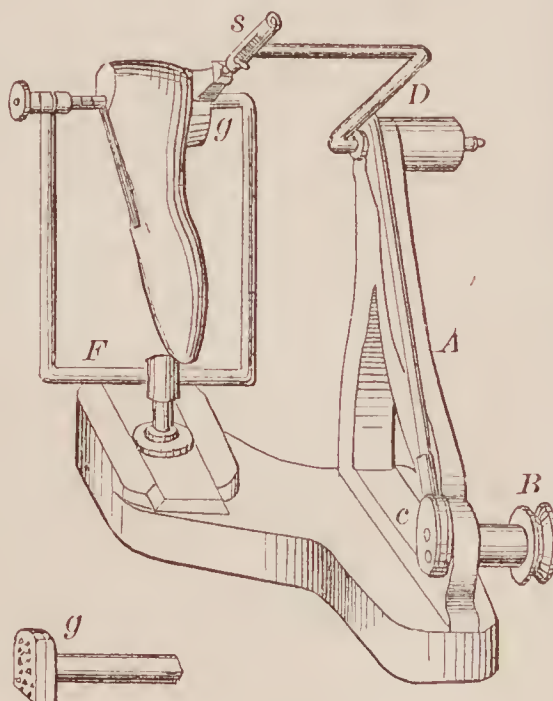
72101—J. H. Smith—*Raising Oil by Pneumatic Pressure.*



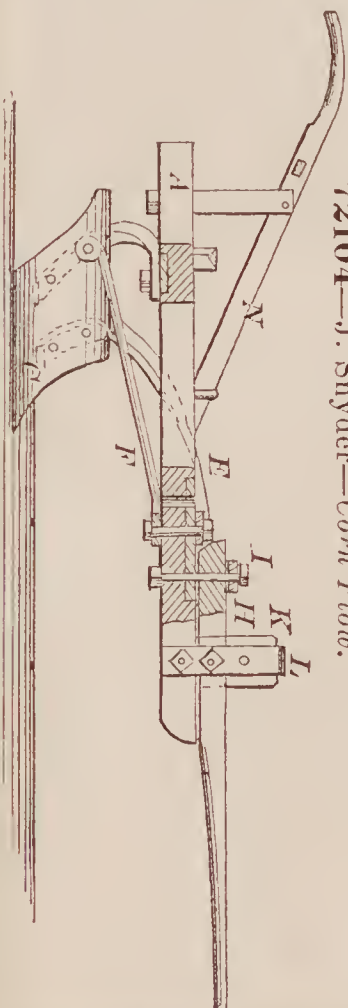
72103—Smith & Priest—*For Shearing and Clipping Wool.*



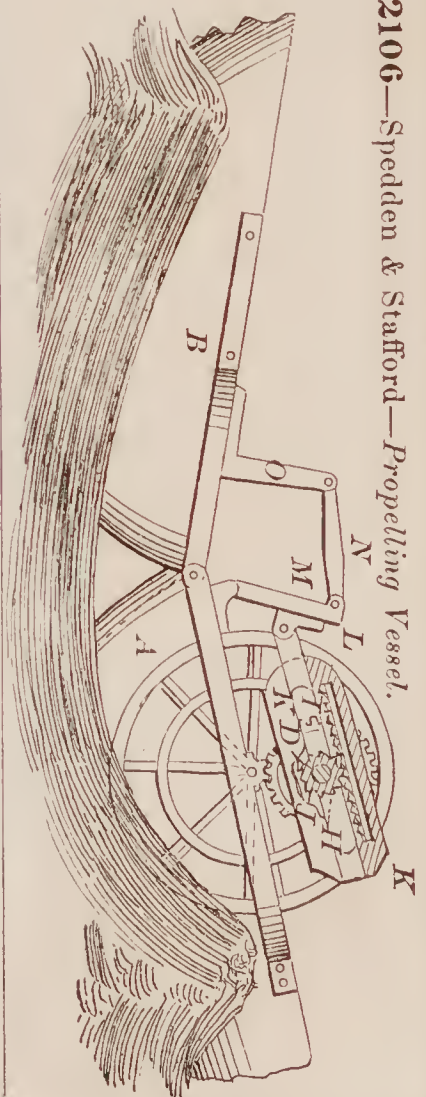
72105—V. K. Spear—*Boot Heel Polisher.*

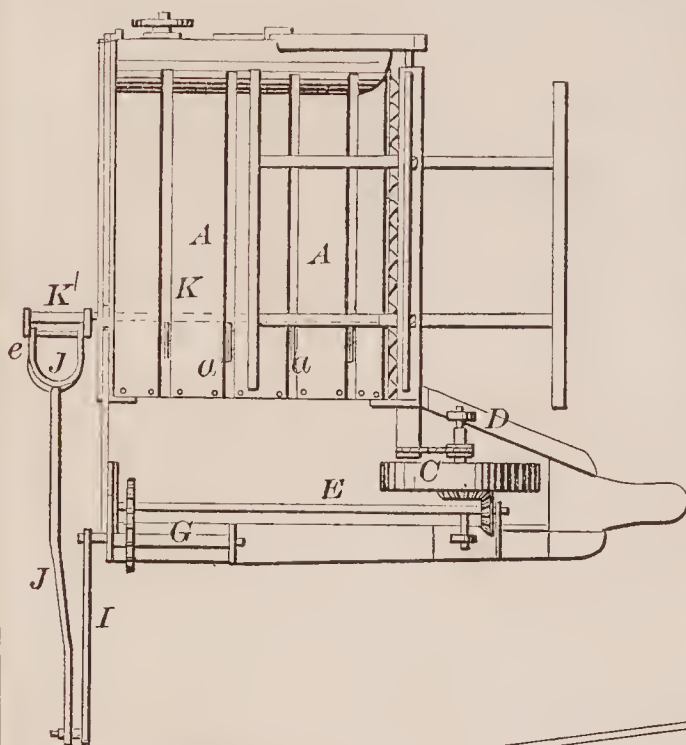
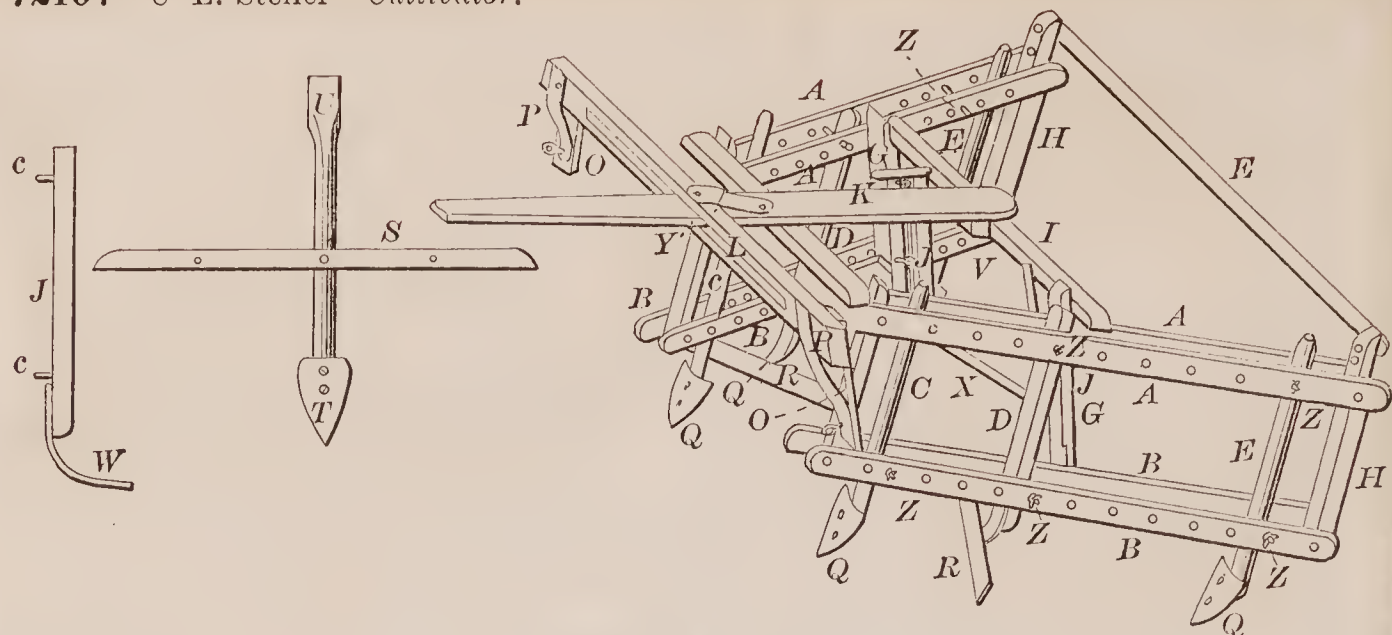
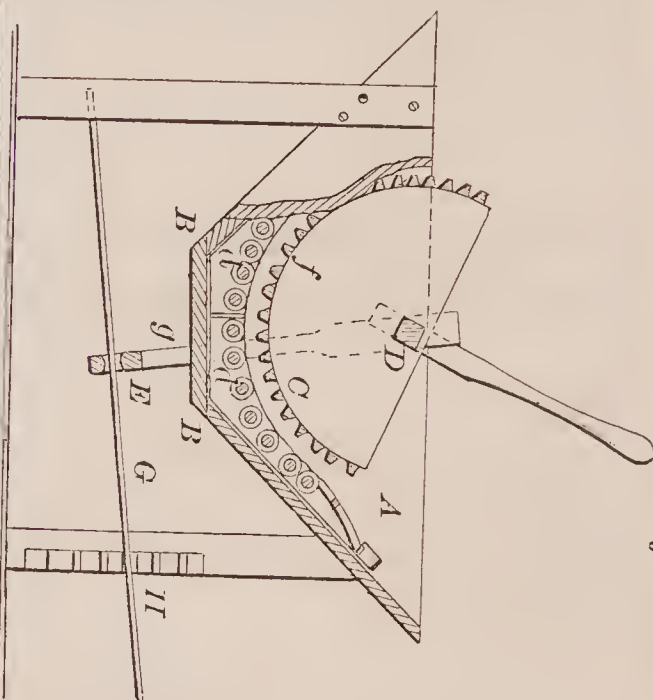
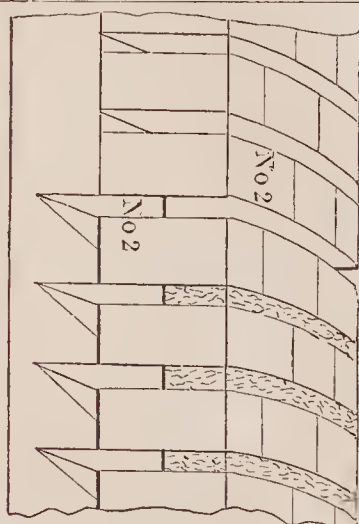
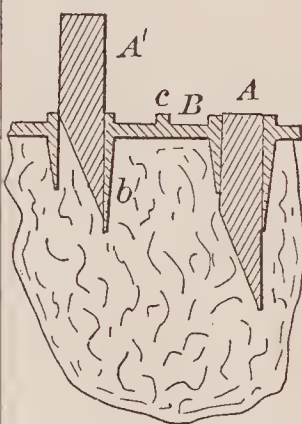
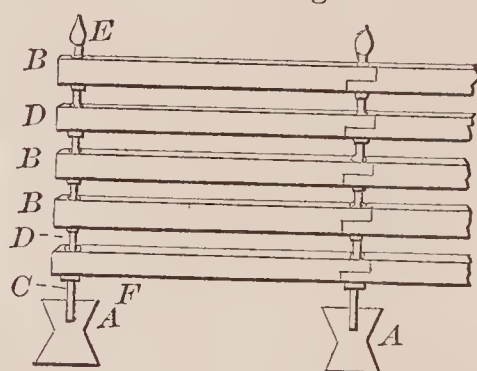
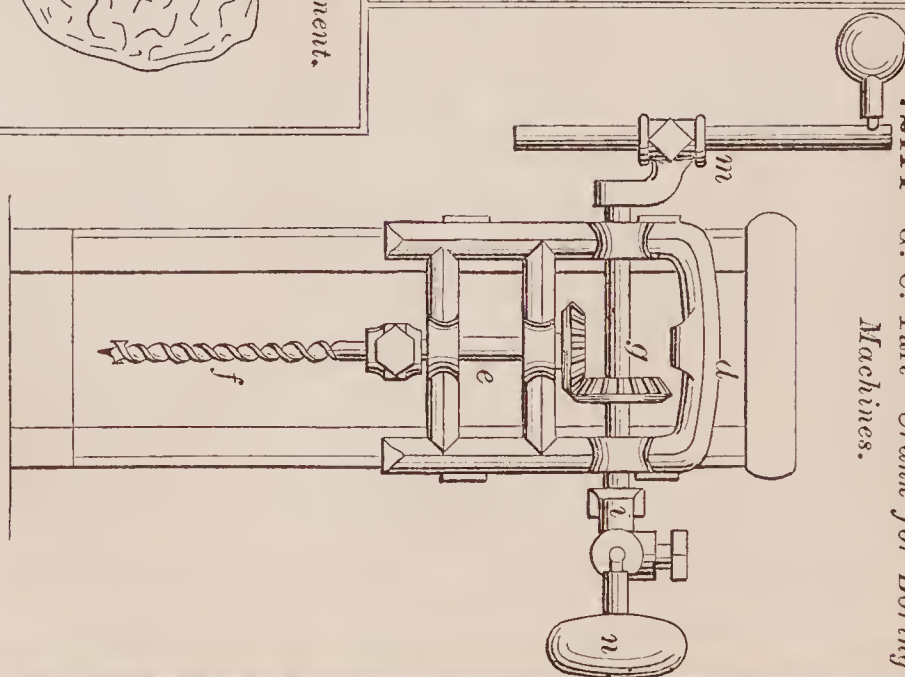
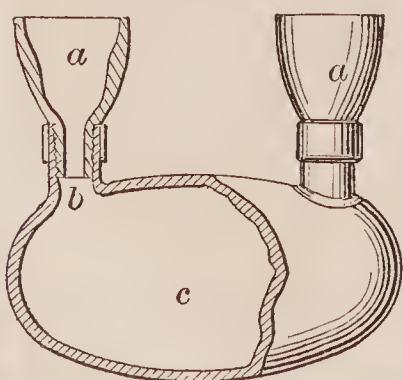


72104—J. Snyder—*Corn Plow.*

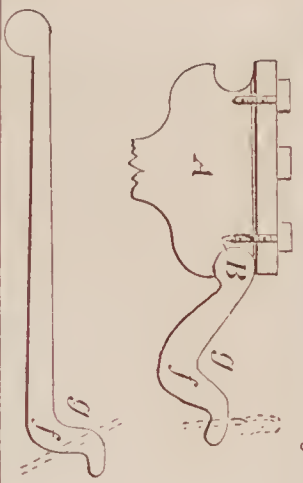


72106—Spedden & Stafford—*Propelling Vessel.*

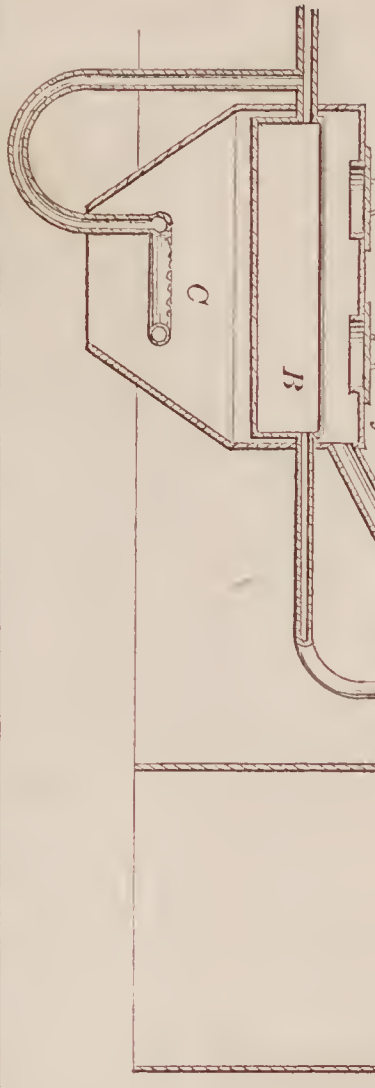


72107—C. E. Steller—*Cultivator.*72109—E. Stewart—*Harvester Rake.*72112—J. D. Swartz—*Washing Machine.*72110—H. M. Stow—*Pavement.*72111—H. M. Stow—*Pavement.*72113—G. D. Sweigert—*Fence.*72108—B. F. Stephens—*Eye Cup.*72114—G. C. Taft—*Crank for Boring Machines.*

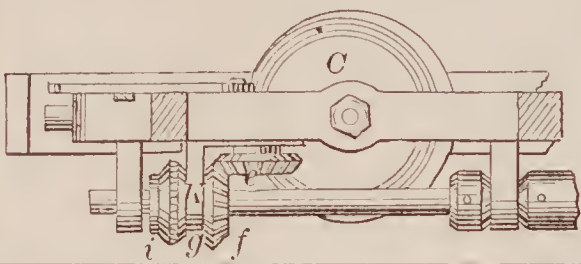
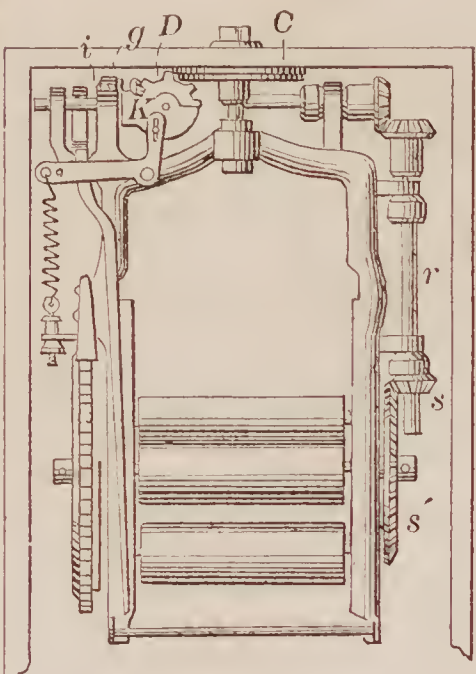
72116—J. Teachout—Knitting Machine.



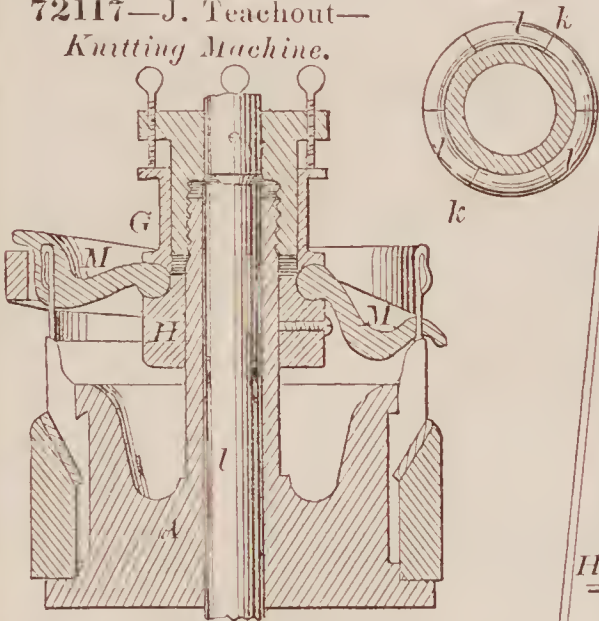
72118—J. B. Terry—Manufacturing Illuminating Gas.



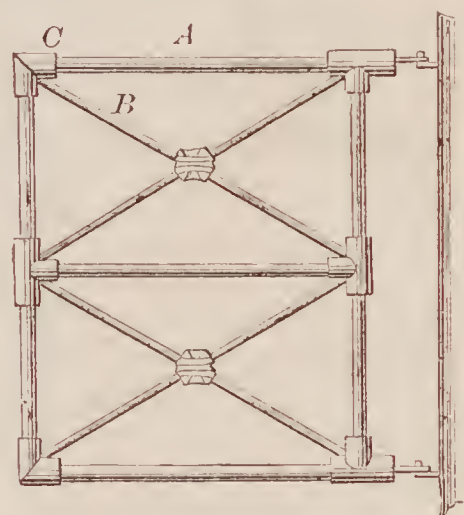
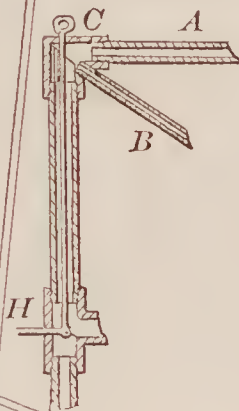
72115—J. Teachout—Rotary Take-up for Knitting Machines.



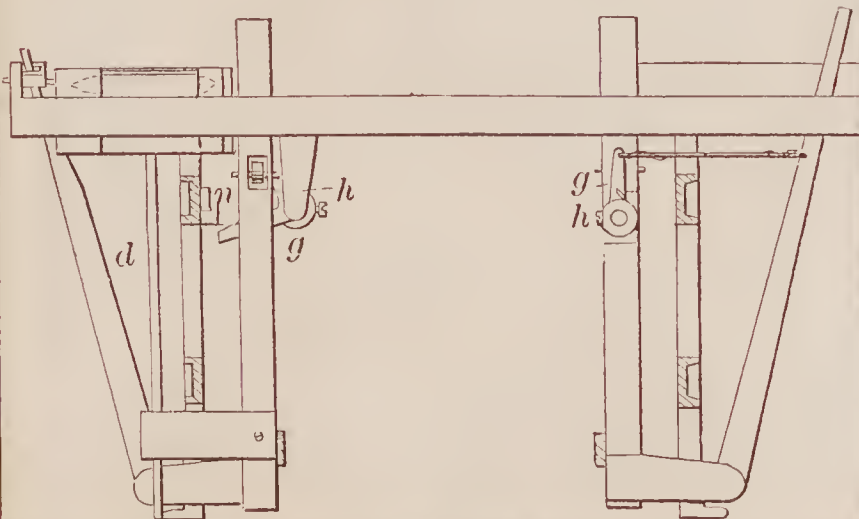
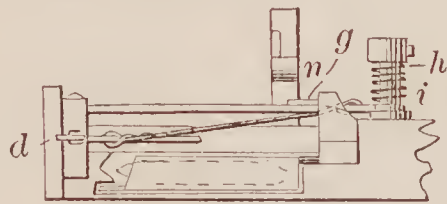
72117—J. Teachout—Knitting Machine.



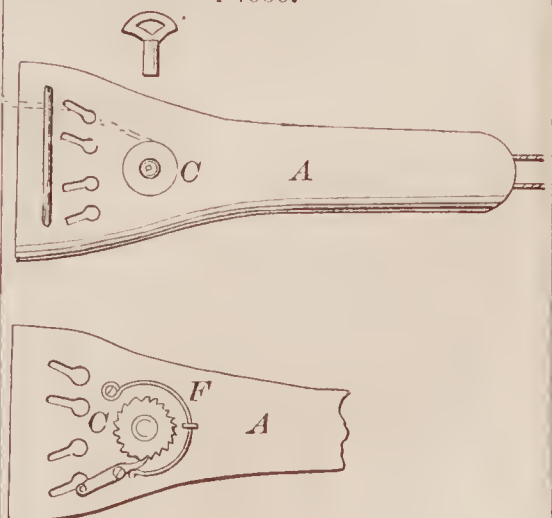
72120—J. H. Thompson—Gate.

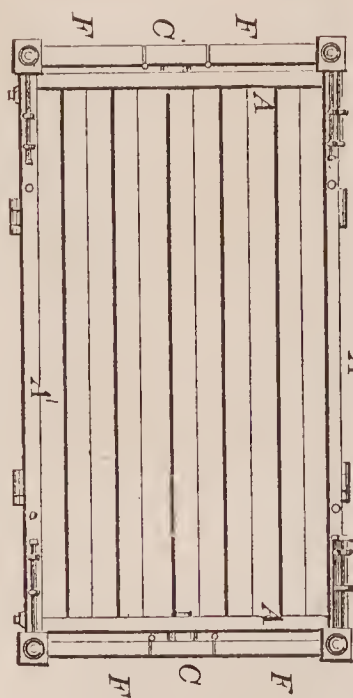


72119—Thomas & Dolley—Loom.



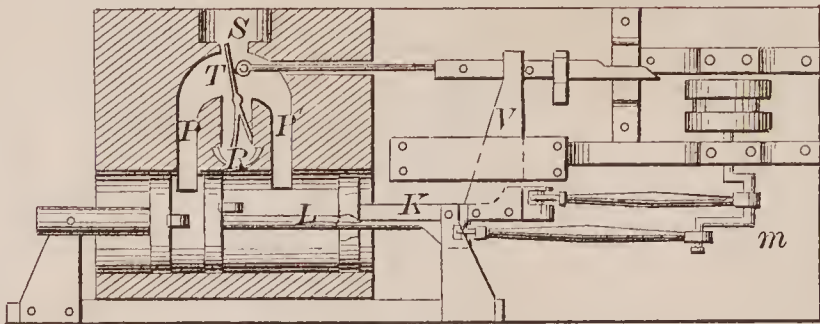
72121—J. Thoms—Violin Tail Piece.



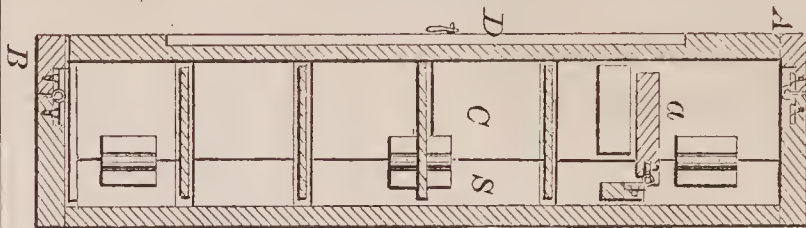


72122—R. S. Vitcomb—*Folding Bedstead and Crib.*

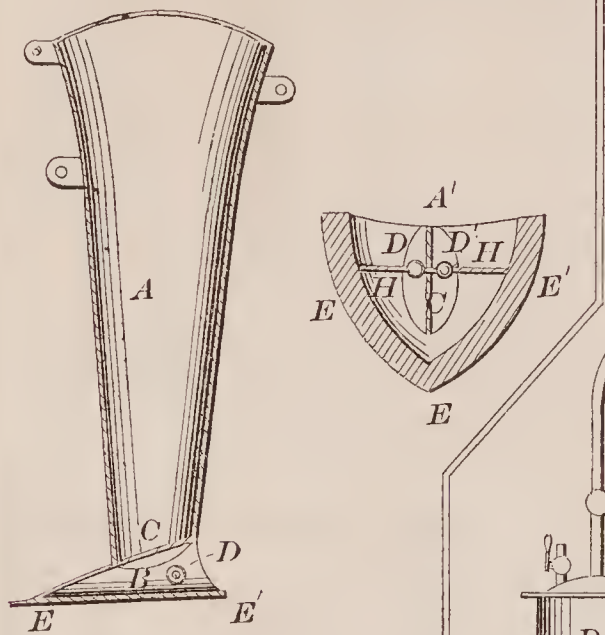
72123—J. F. Troxel—*Steam Engine.*



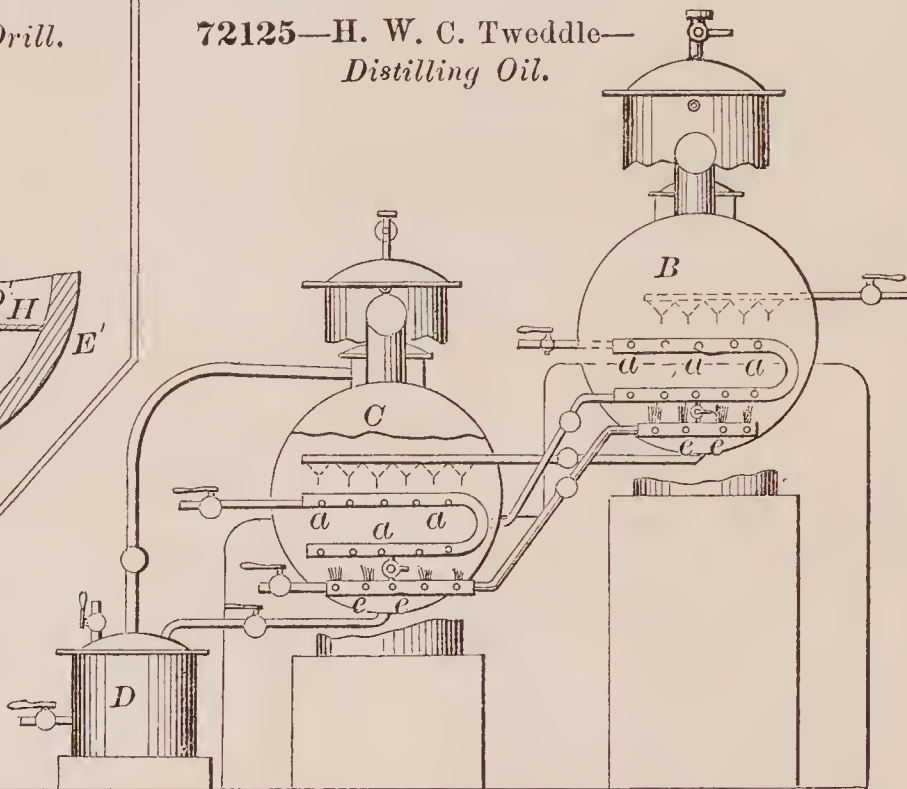
72124—N. Turner—*Wardrobe.*



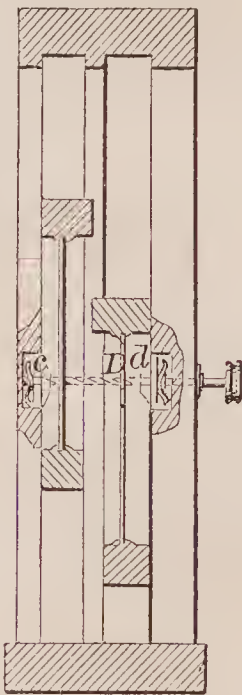
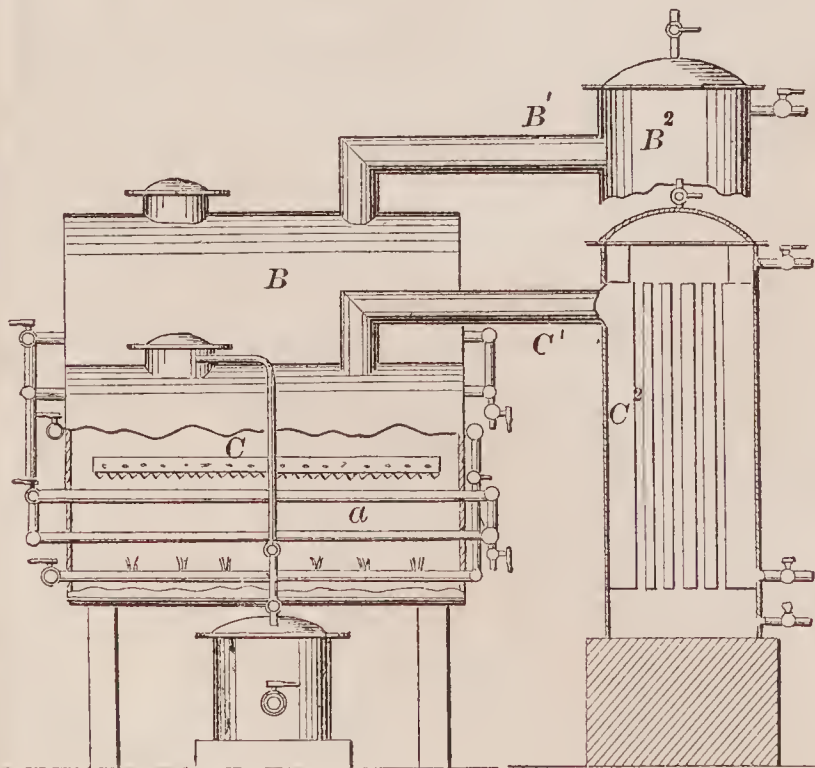
72127—J. G. Vale—*Grain Drill.*



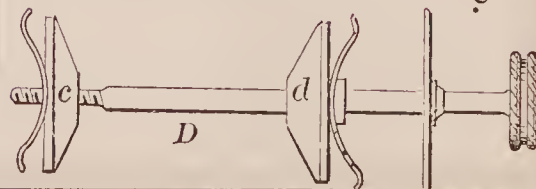
72125—H. W. C. Tweddle—*Distilling Oil.*



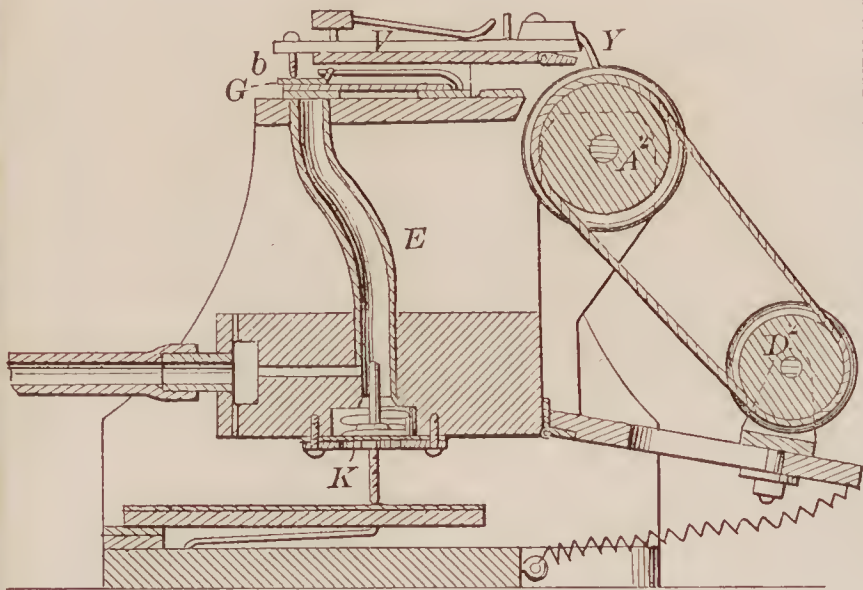
72126—H. W. C. Tweddle—*Distilling Hydro-Carbon Oil.*



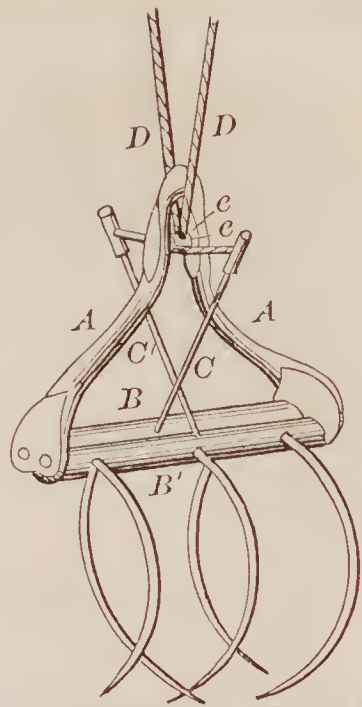
72128—G. R. Vanderbilt—*Window Sash Stop.*



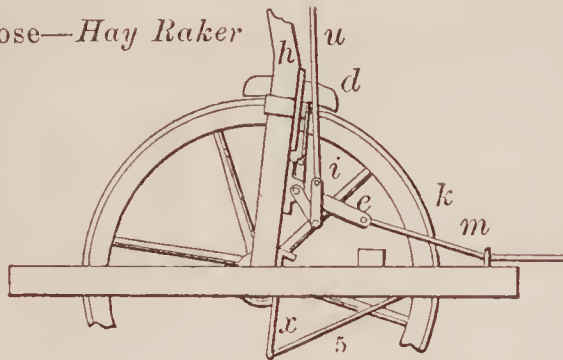
72129—G. W. Van Dusen—*Musical Instrument.*



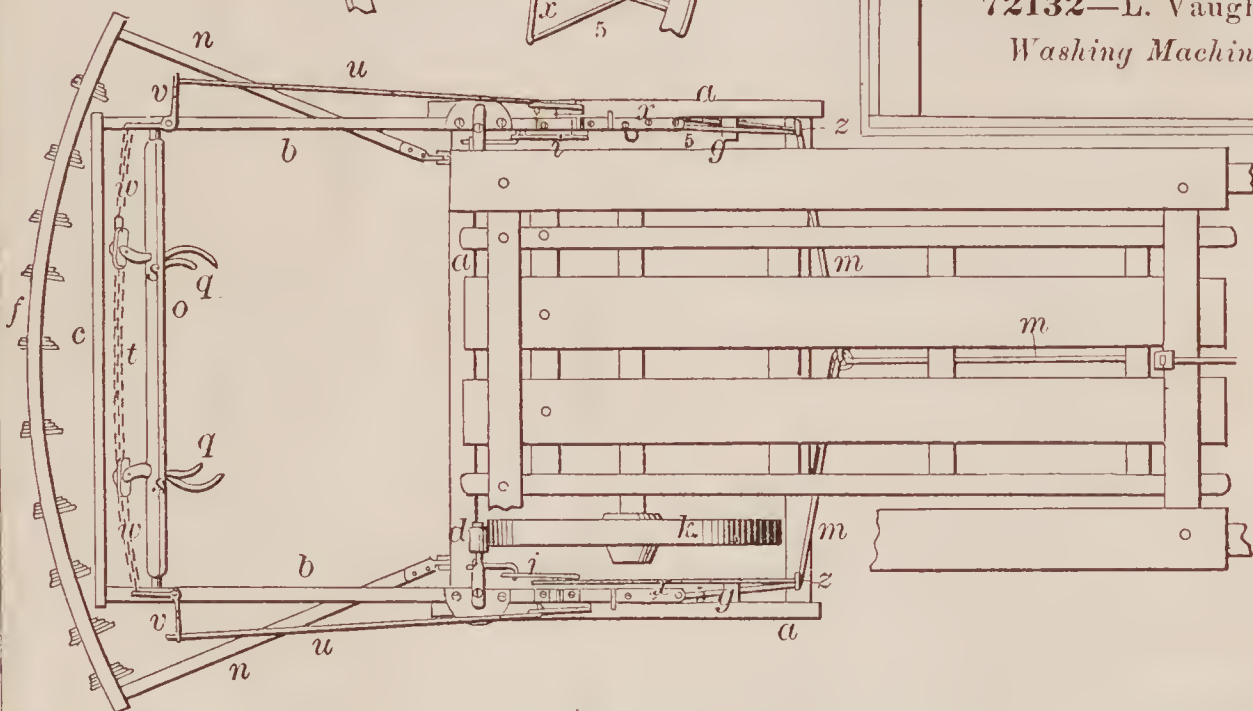
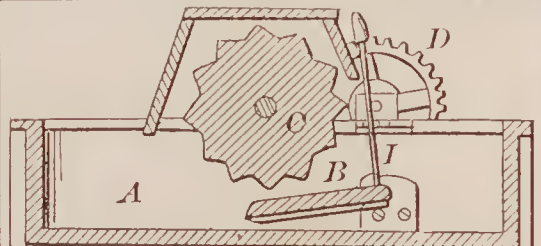
72131—O. Vanorman—*Horse Hay Fork.*



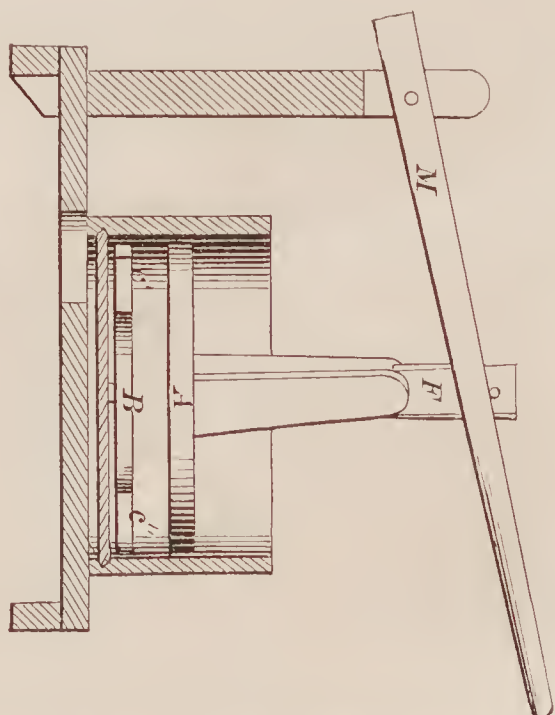
72133—A. Vose—*Hay Raker and Loader.*



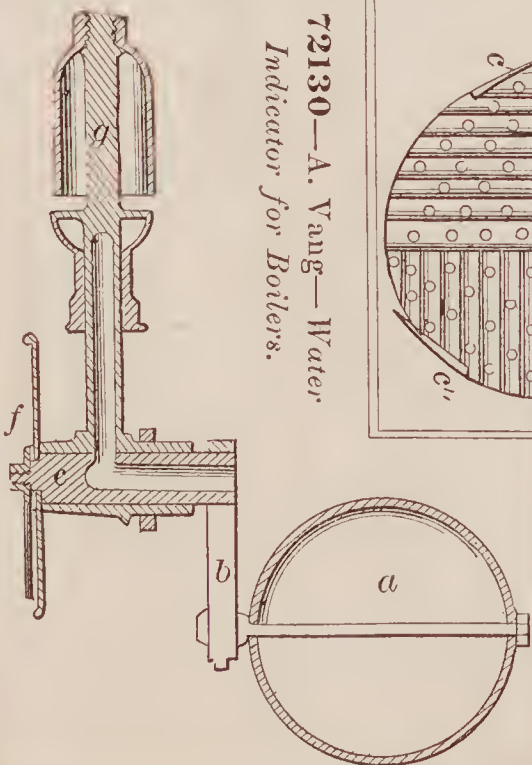
72132—L. Vaughn—*Washing Machine.*



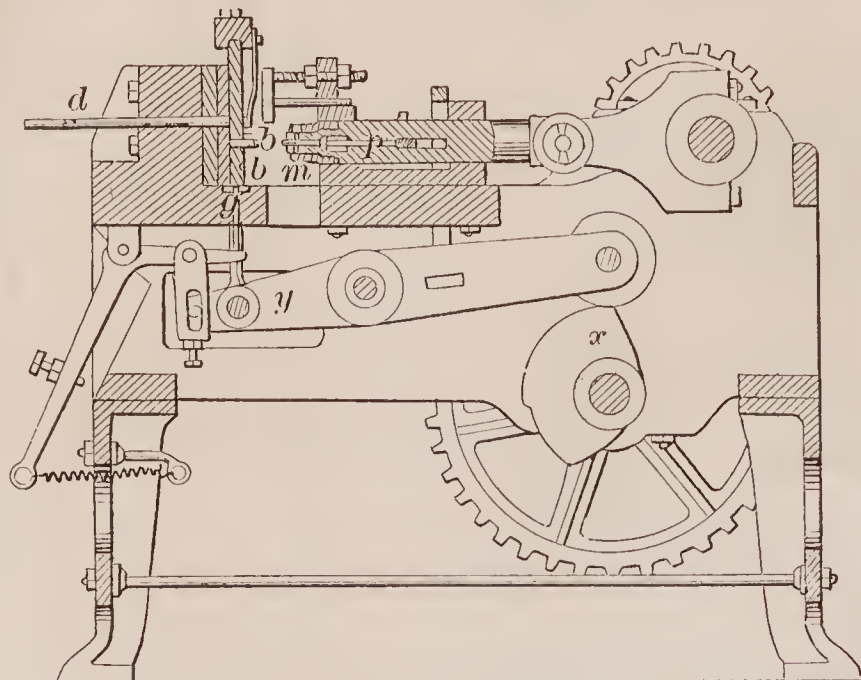
72134—G. E. Wade—*Washing Machine.*



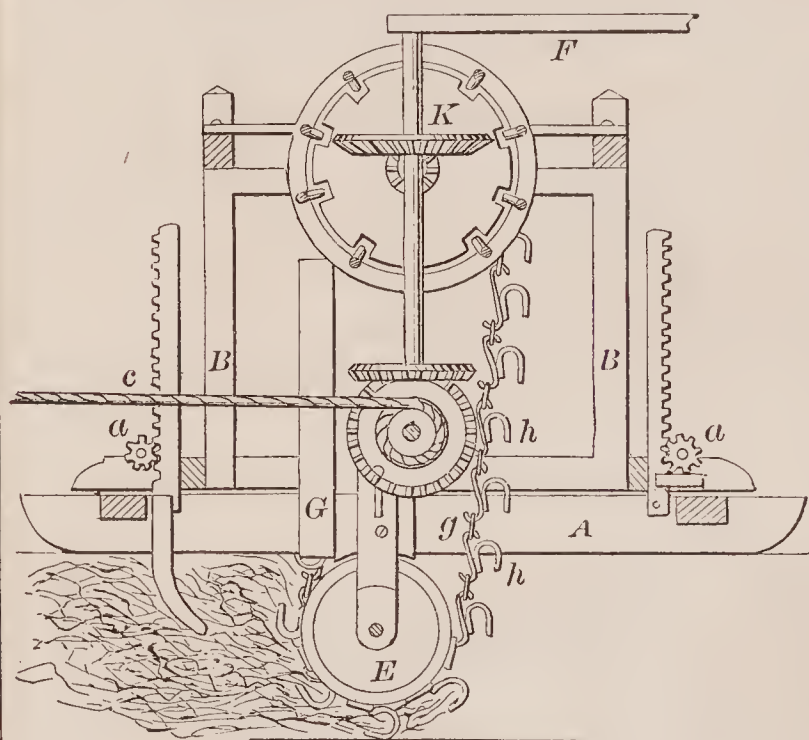
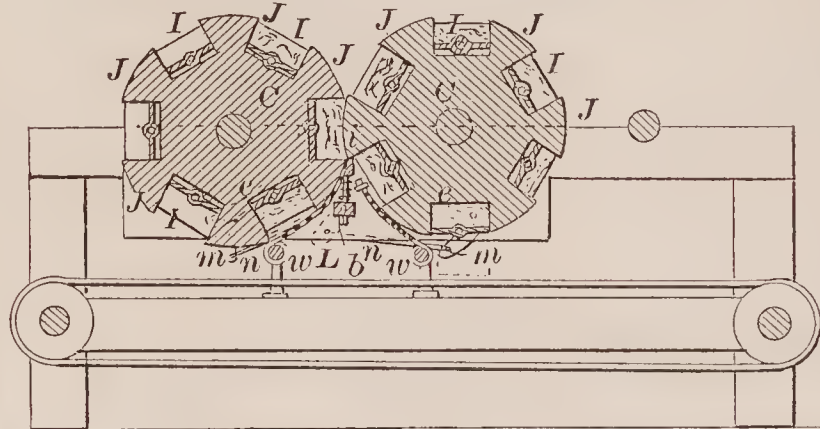
72130—A. Yang—*Water Indicator for Boilers.*



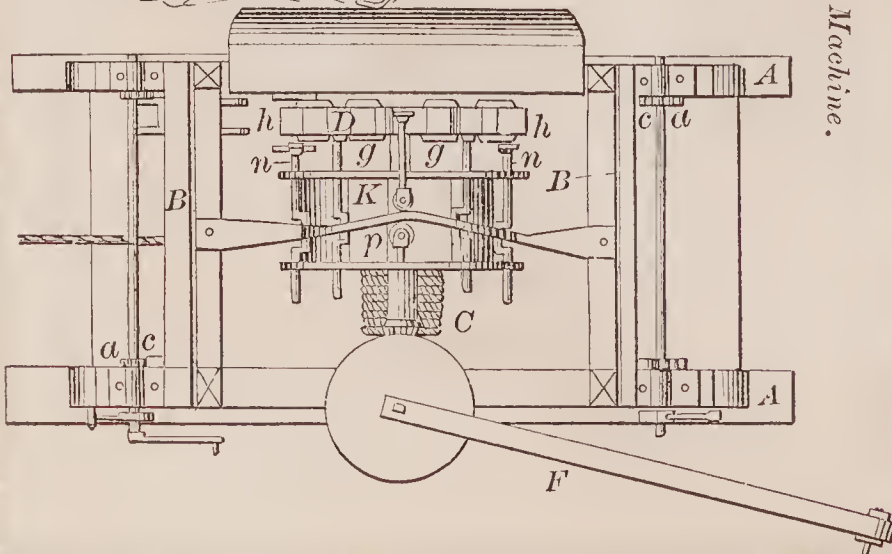
72135—J. Wakefield—*Bolt and Rivet Machine.*



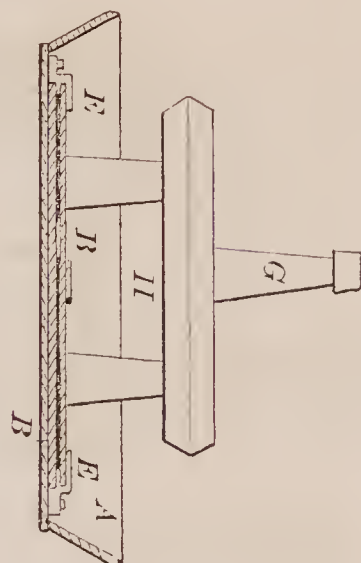
72137—P. V. Westfall—*Brick Machine.*



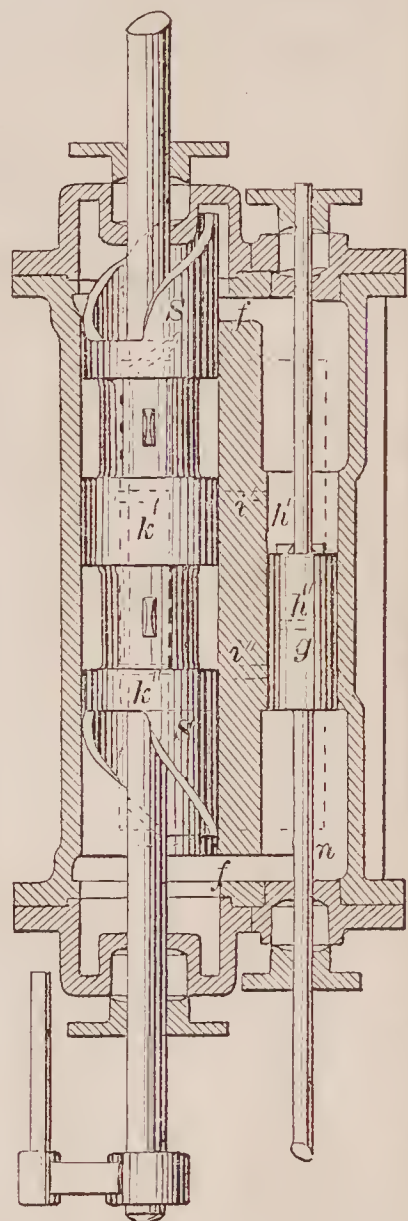
72140—A. H. & T. S. Whitacre—*Ditching Machine.*



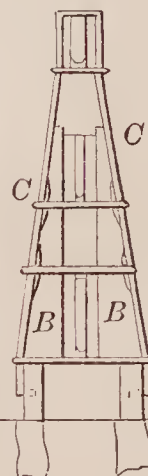
72138—N. Weston—*For Enameling*
Photographic Pictures.



72139—N. W. Wheeler—*Steam Engine Valve Gear.*



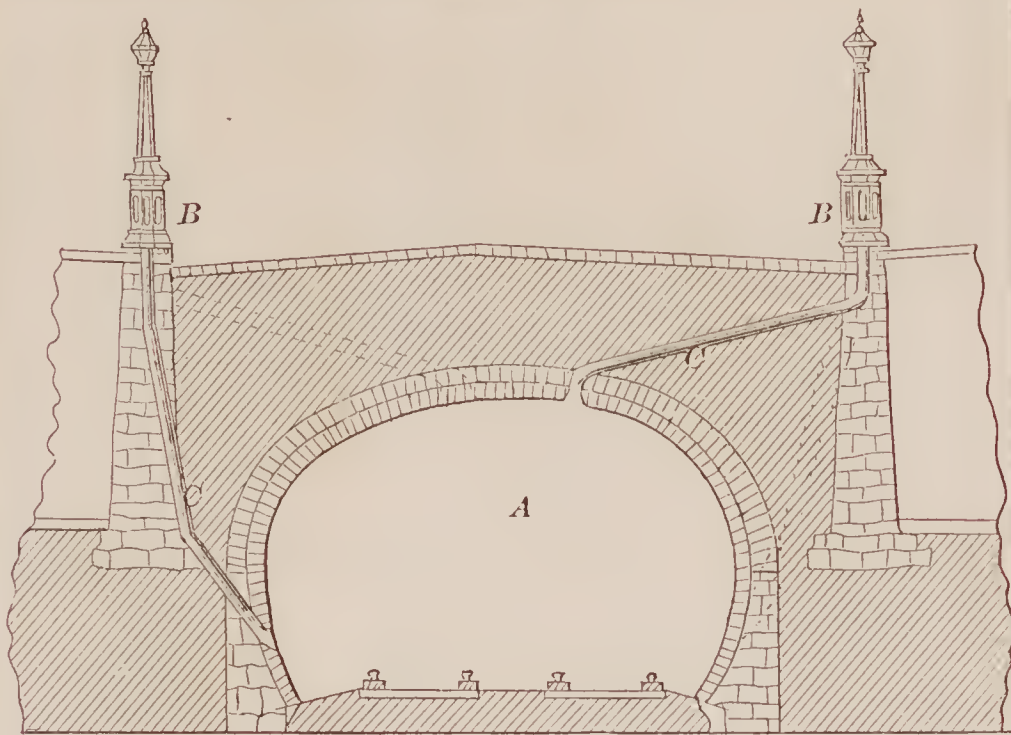
72141—S. P. Williams—*Fence.*



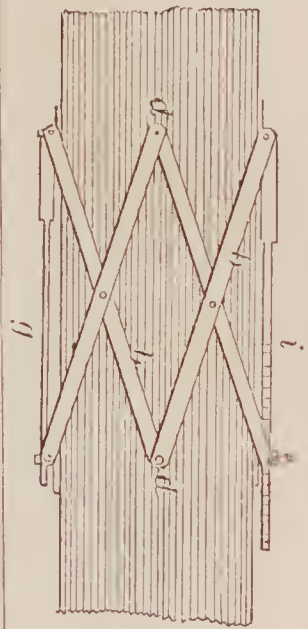
72136—D. Webster—*Egg Beater.*



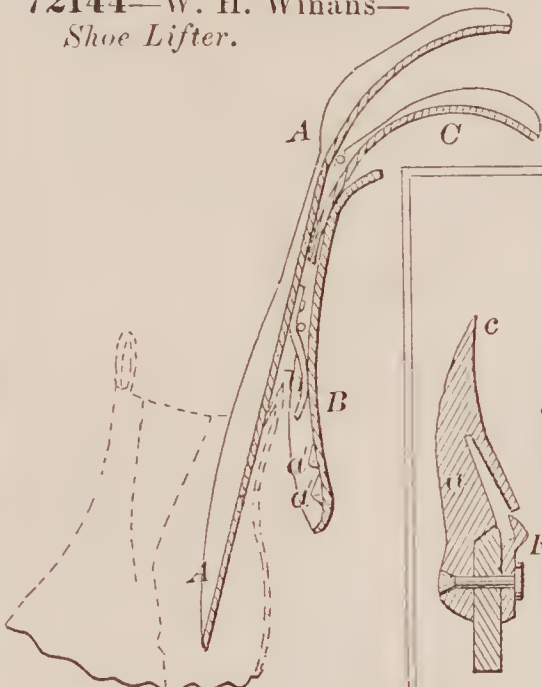
72142—H. B. Willson—*Ventilating Tunnels.*



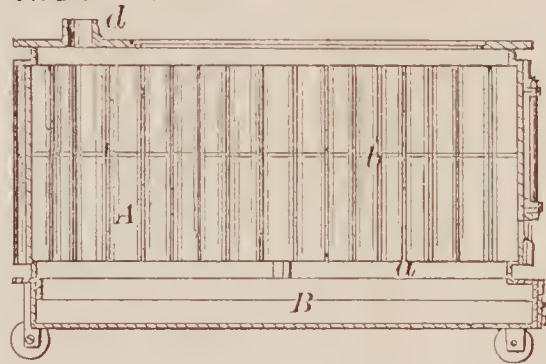
72146—J. Wolfe—*Paper File.*



72144—W. H. Winans—*Shoe Lifter.*



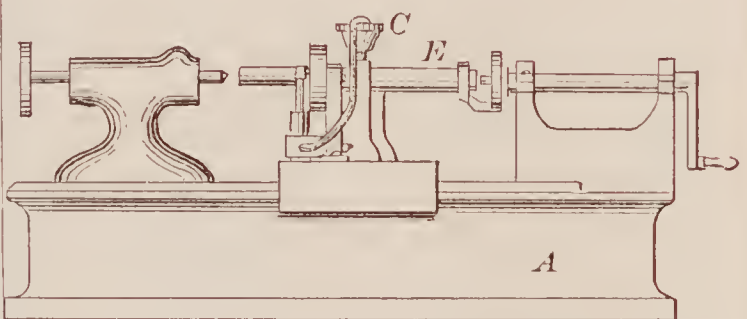
72145—T. W. Wisner—*Stove.*



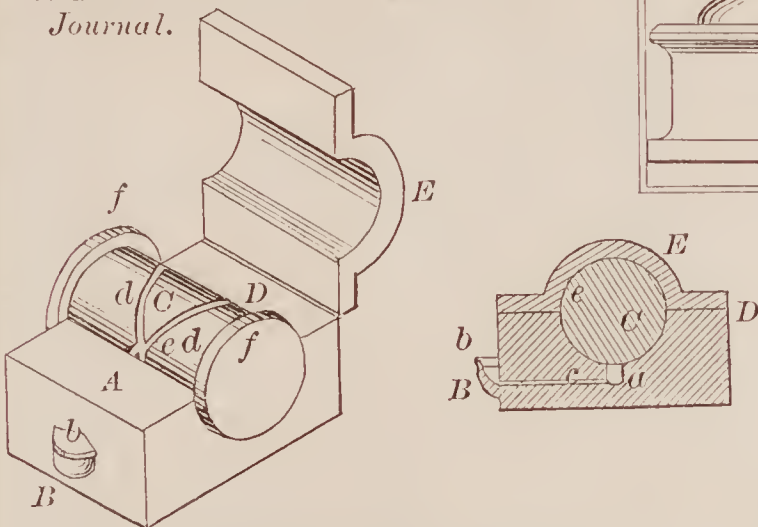
72149—W. A. Wood—*Harvester Finger Fan.*



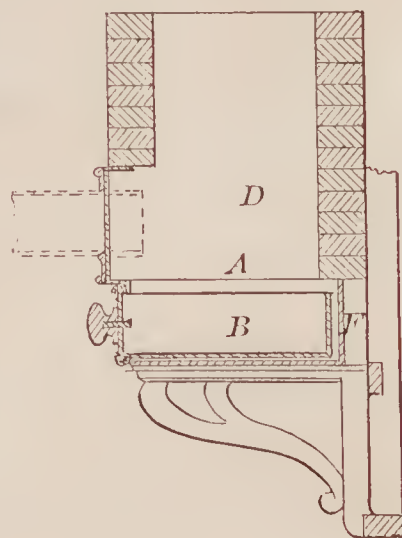
72148—A. Wood—*Lathe for Forming Shafting.*



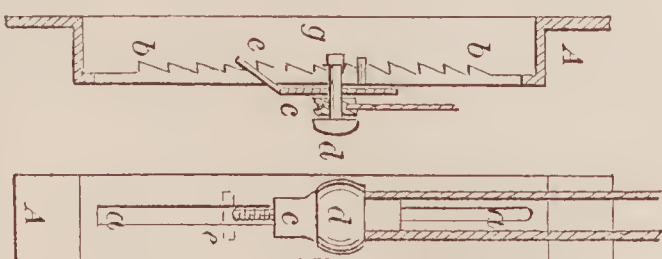
72147—A. Wood—*Lathe Box and Journal.*

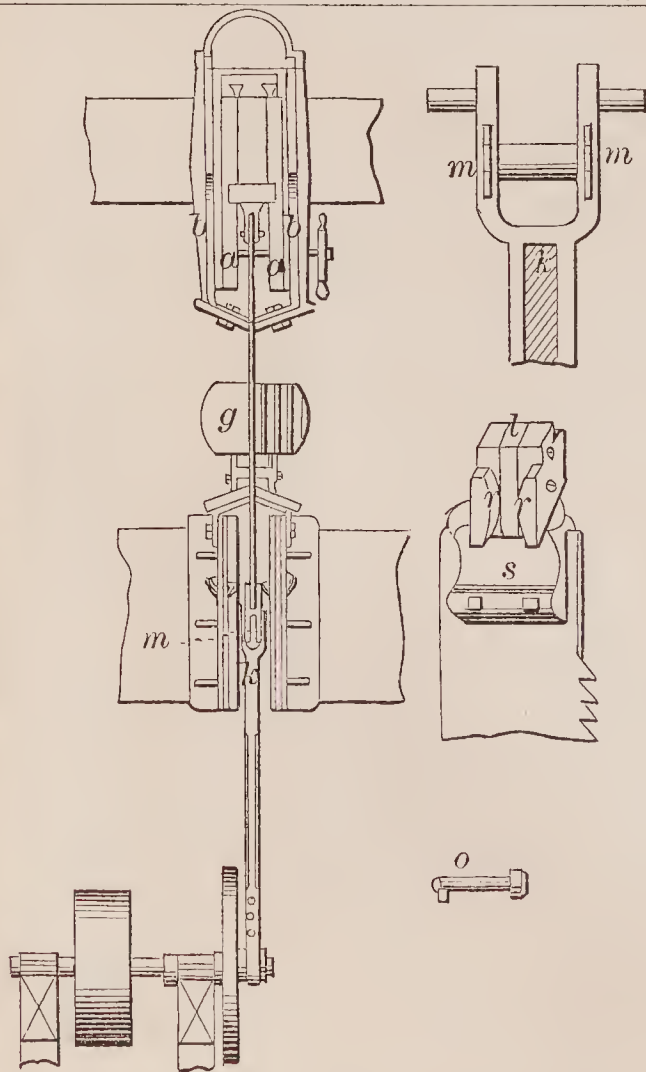
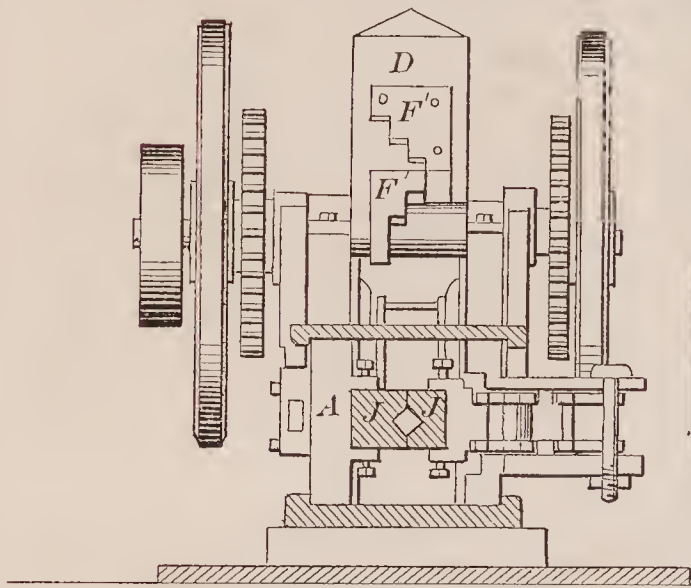
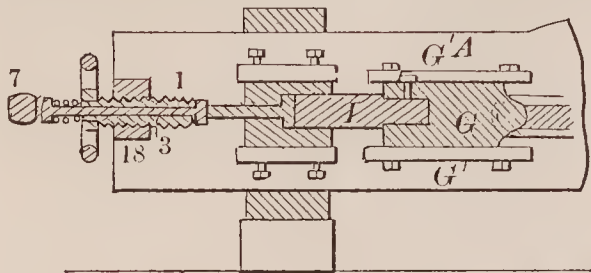
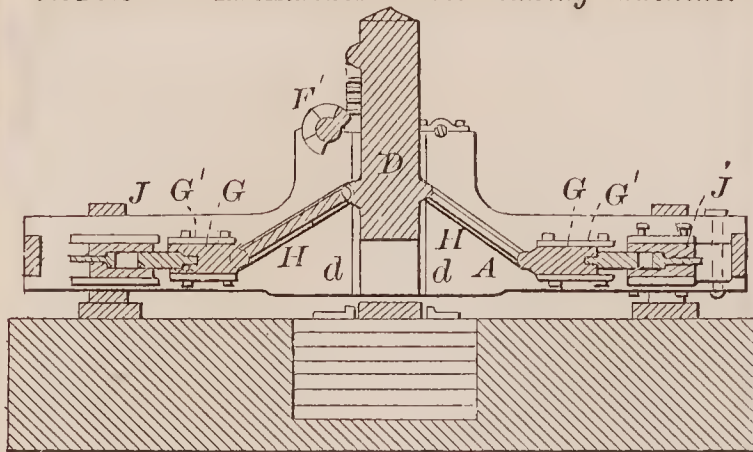
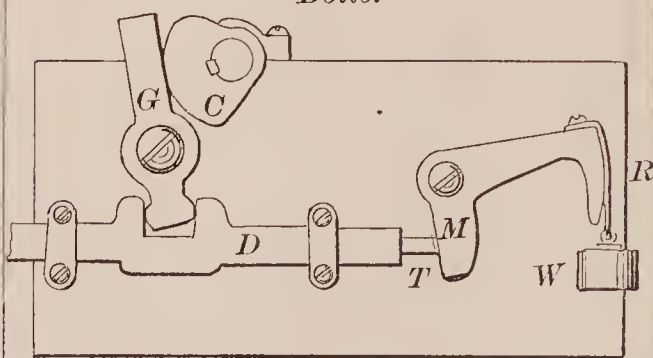
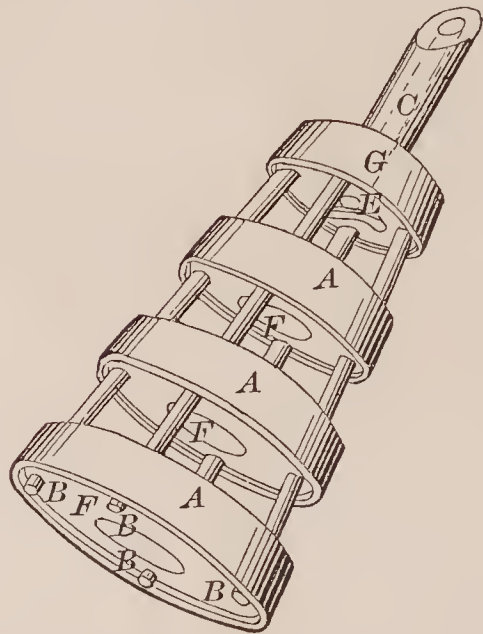
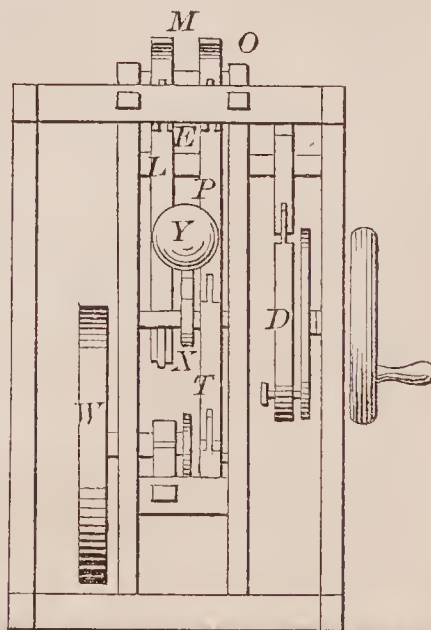
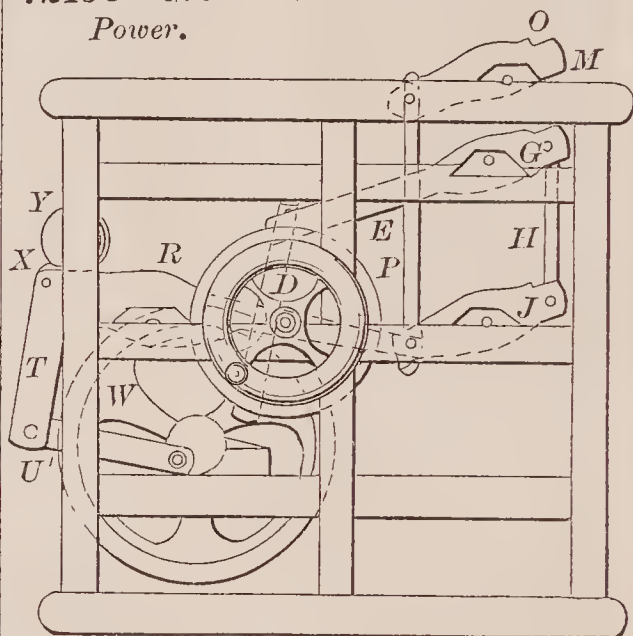


72151—E. S. Phelps, Jr.—*Chimney.*

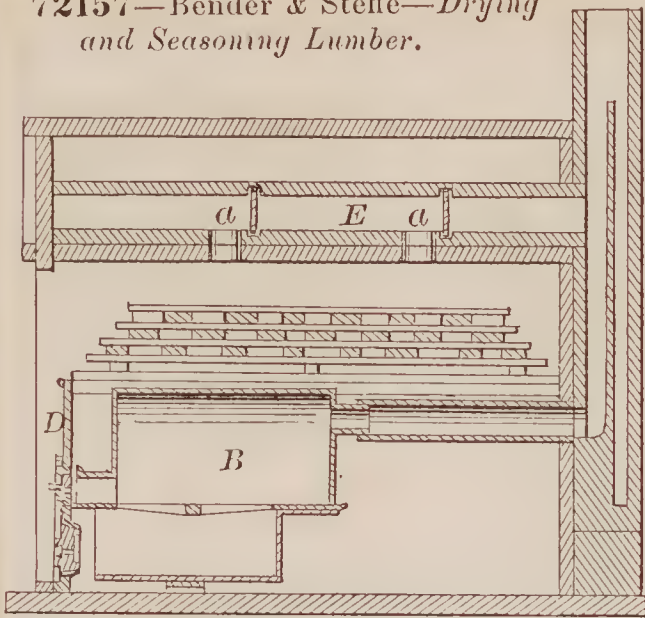


72150—W. H. Wood—*Curtain Fixture.*

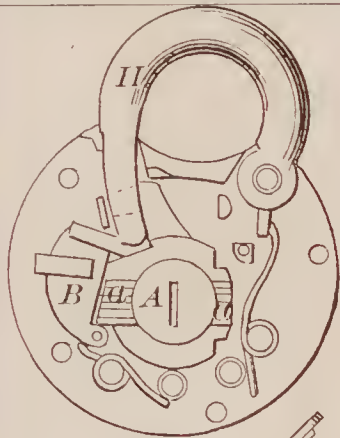
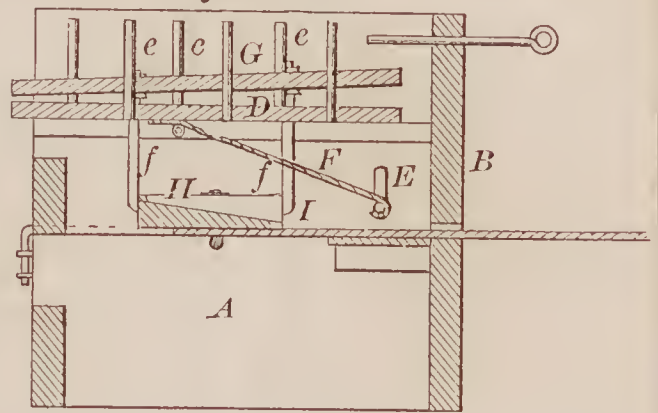


72152—A. Alexander—*Bolt Making Machine.*72155—A. P. Barlow—*Saw Mill.*72153—A. Alexander—*For Making Bolts.*72154—A. E. Banks—*Churn Dasher.*72156—G. H. Becker—*For Accumulating Power.*

72157—Bender & Steffe—*Drying and Seasoning Lumber.*

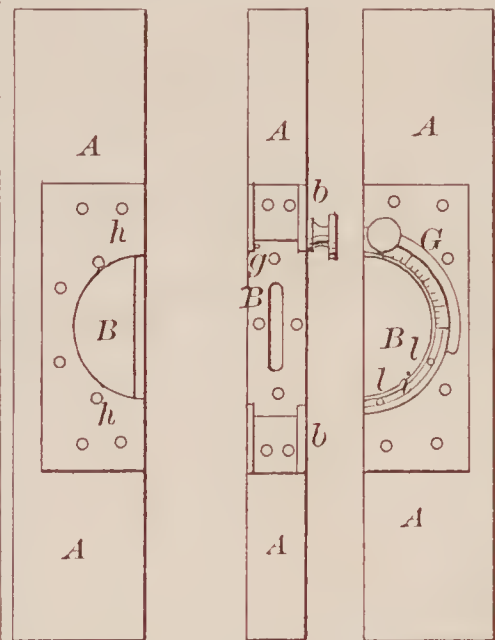
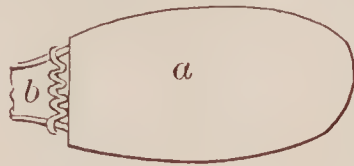


72161—S. Brackett—*For Separating Roots from Peat.*



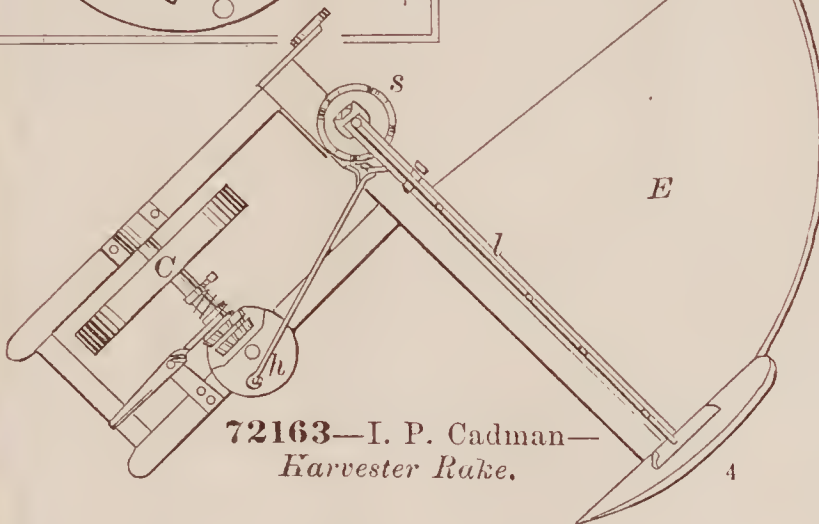
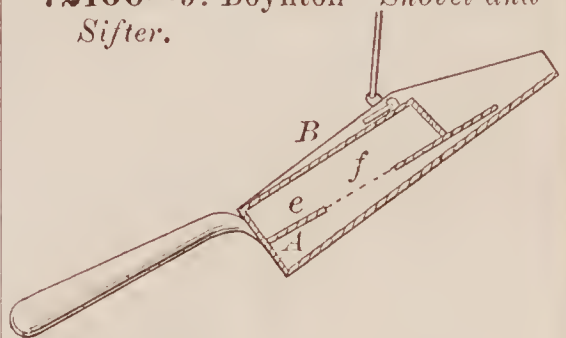
72166—C. J. Clements—*Padlock.*

72164—B. H. Camp—*For Attaching Oversoles to Boots and Shoes.*

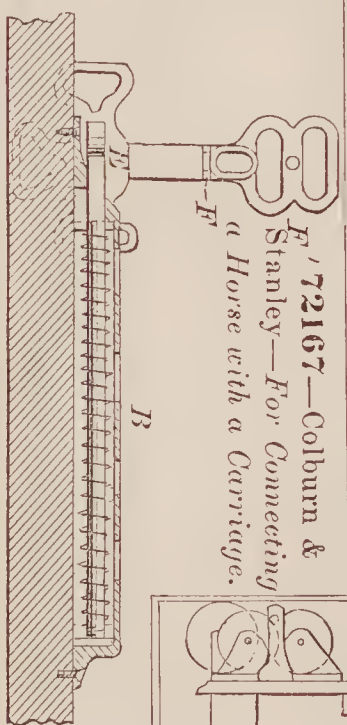


72159—S. A. Postwick—*Plumb and Level.*

72160—J. Boynton—*Shovel and Sifter.*

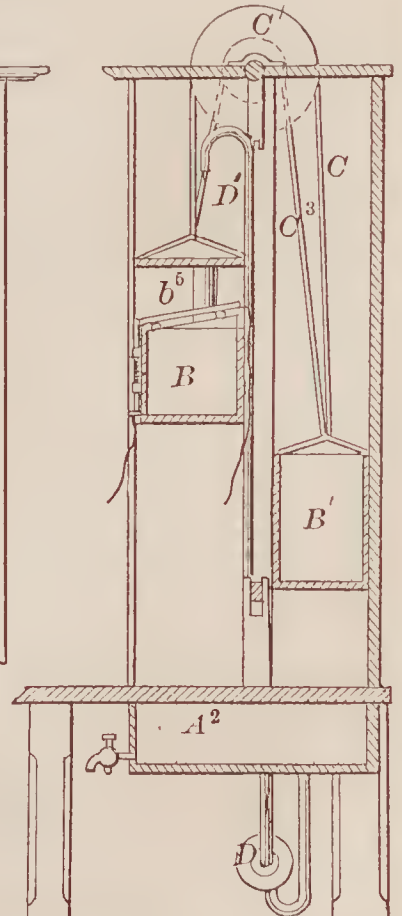
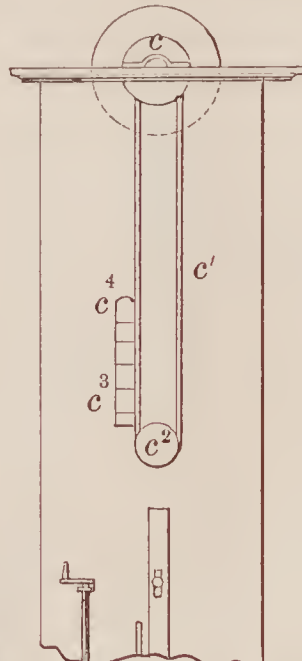
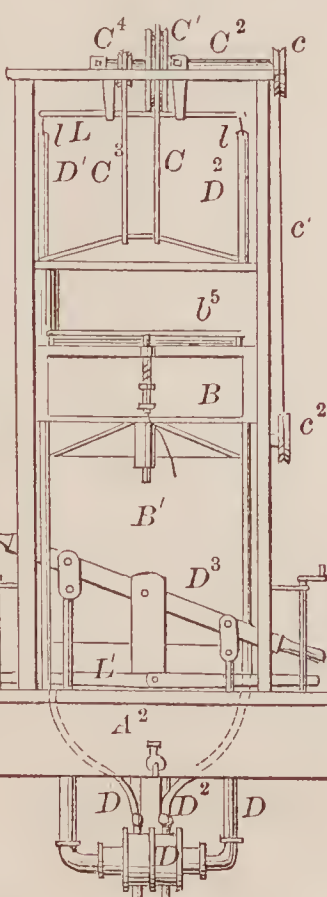


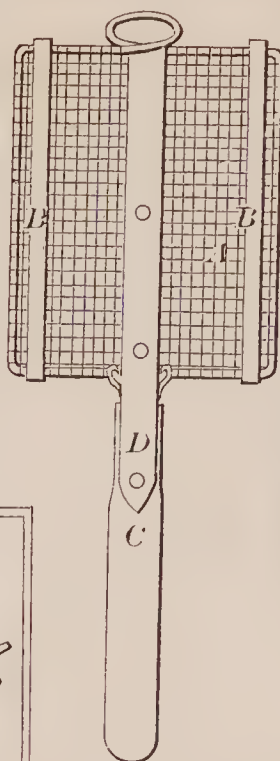
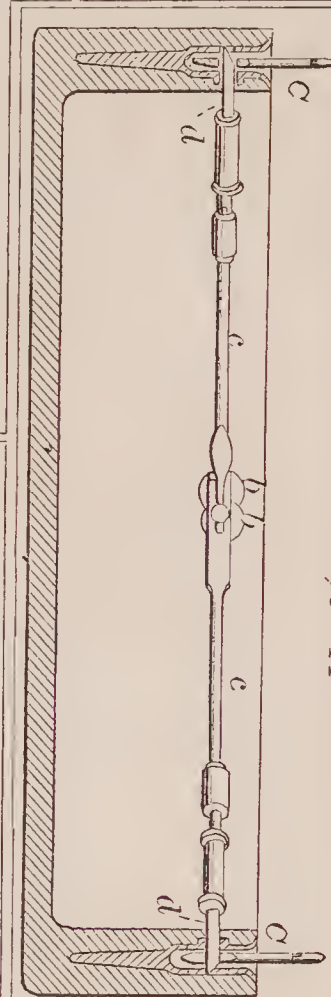
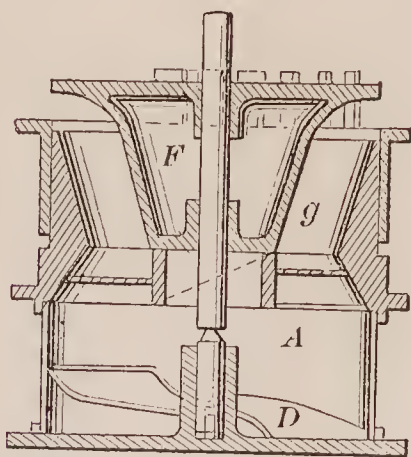
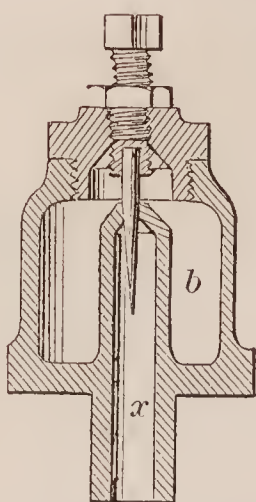
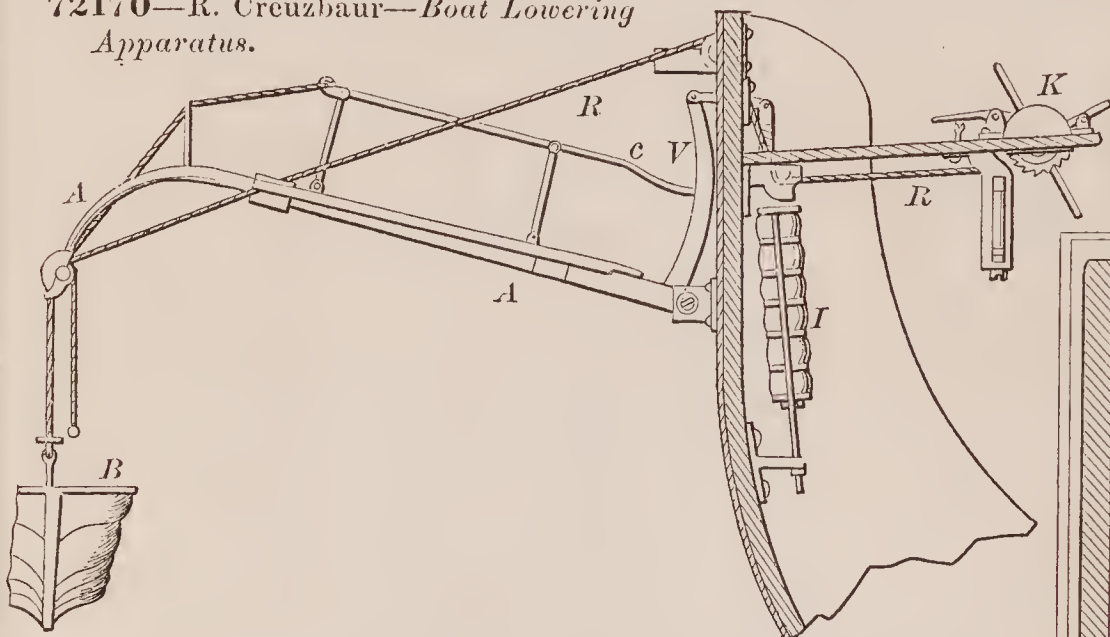
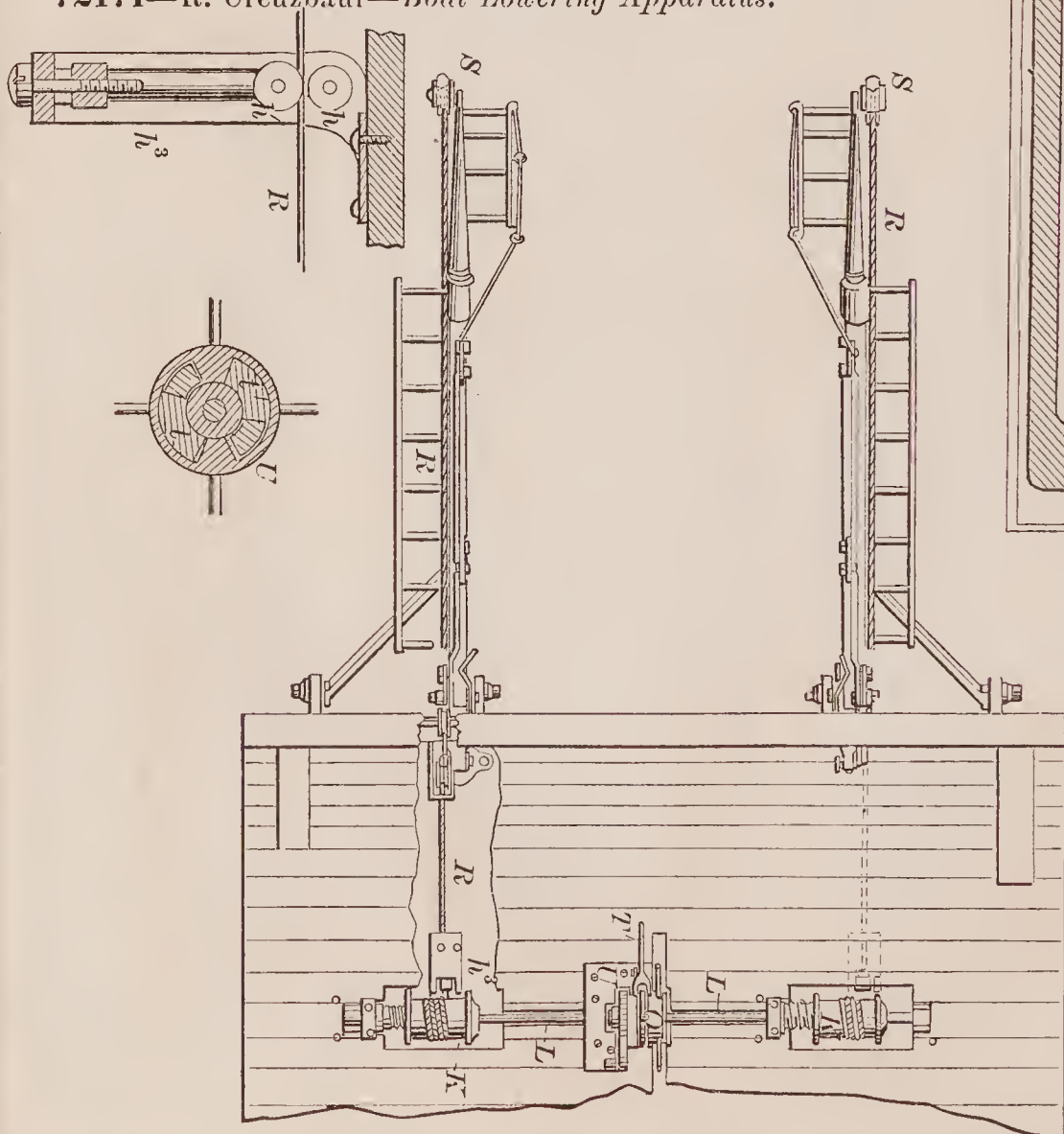
72163—I. P. Cadman—*Harvester Rake.*



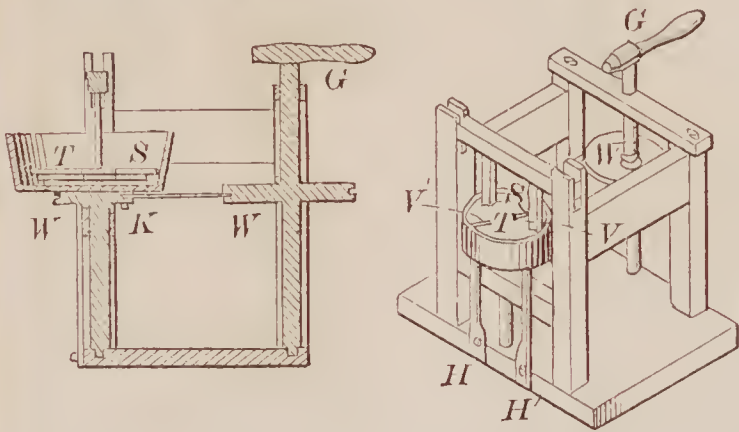
72167—Colburn & Stanley—*For Connecting a Horse with a Carriage.*

72165—T. Chambers—*Elevator.*

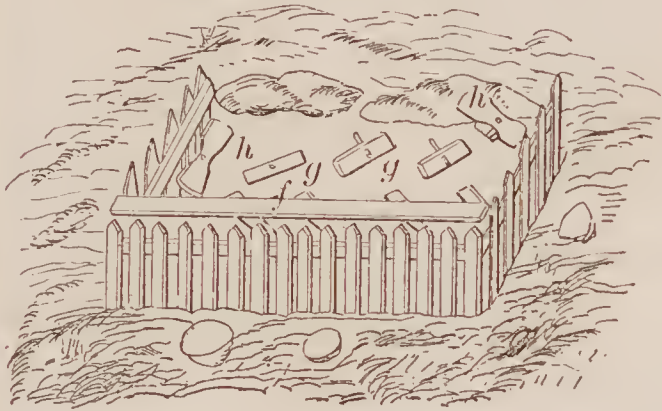


72173—D. A. Denison—*Corn Popper.*72172—R. Creuzbaur—*Boat Detaching Apparatus.*72174—A. Dohy—*Stick for Trundling Hoops.*72169—G. M. Connor—*Water Wheel.*72168—J. B. Collin—*Lubricating Cup.*72170—R. Creuzbaur—*Boat Lowering Apparatus.*72171—R. Creuzbaur—*Boat Lowering Apparatus.*

72175—H. C. Dorman—*Washing Machine.*



72177—C. Drexler—*For Securing and Feeding Soft Crabs.*



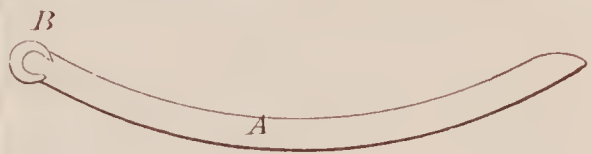
72176—Draper & Glover—*Fireproof Safe.*



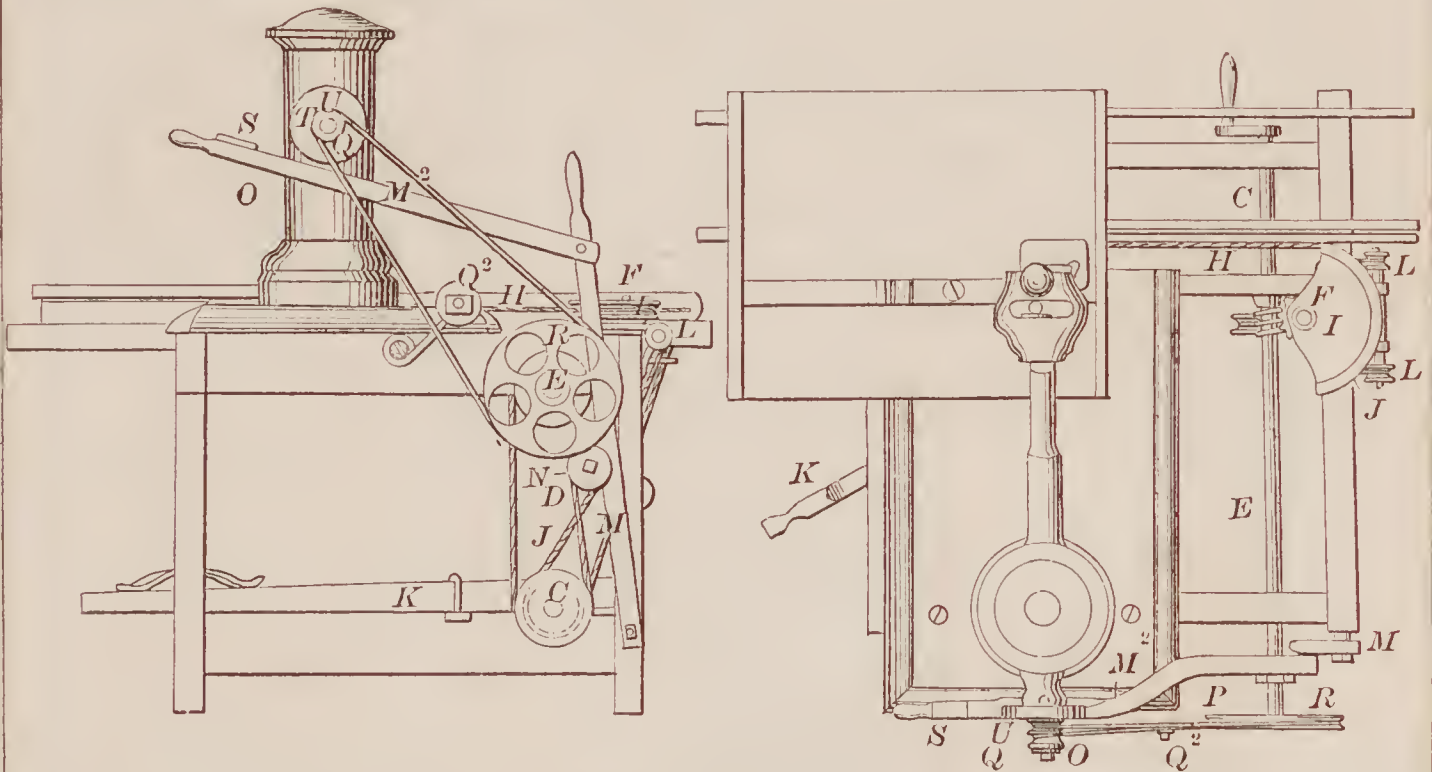
72179—G. F. Filley—*Stove Back Plate.*



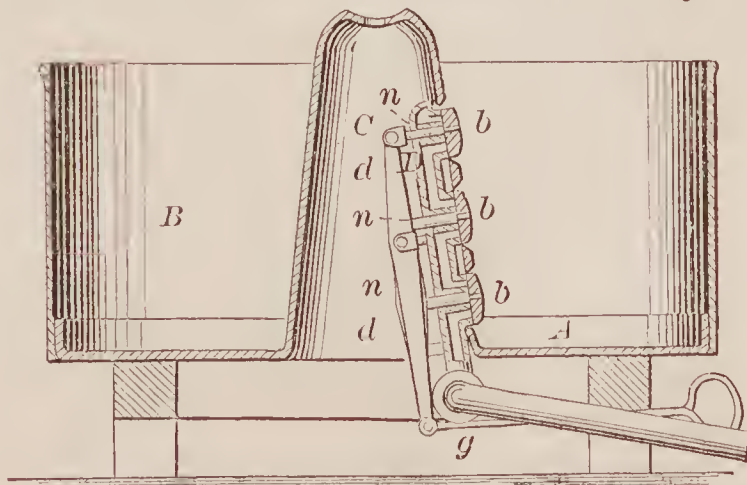
72178—C. S. Dunback—*Chair Rocker.*



72180—W. Fiske—*Sewing Machine.*



72182—S. Fountain—*Concentrator and Amalgamator.*



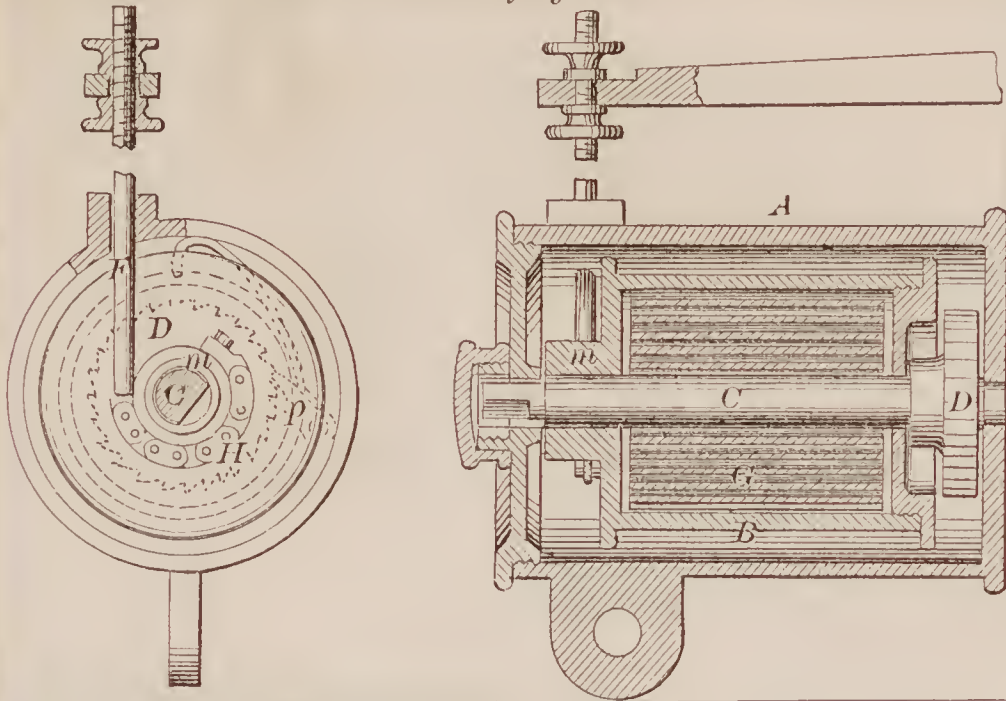
72181—V. Fountain—*Machine Belting.*



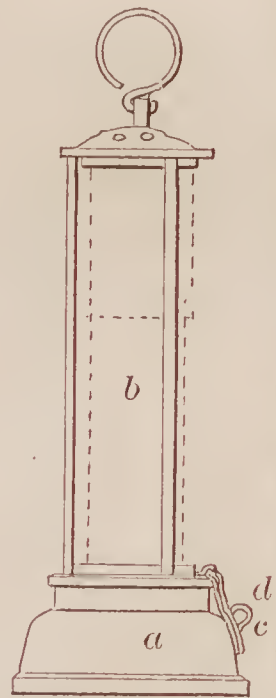
72183—O. C. Fox—*Driven Well.*



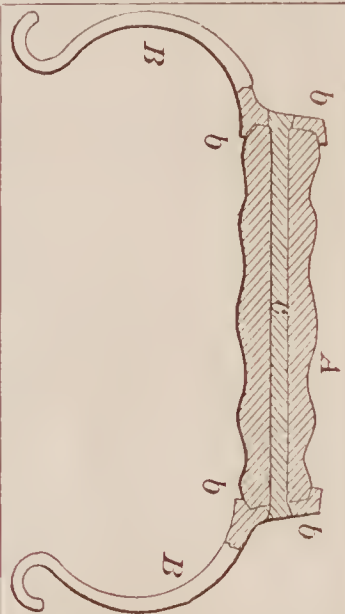
72192—V. D. Green—*Steam Safety Valve.*



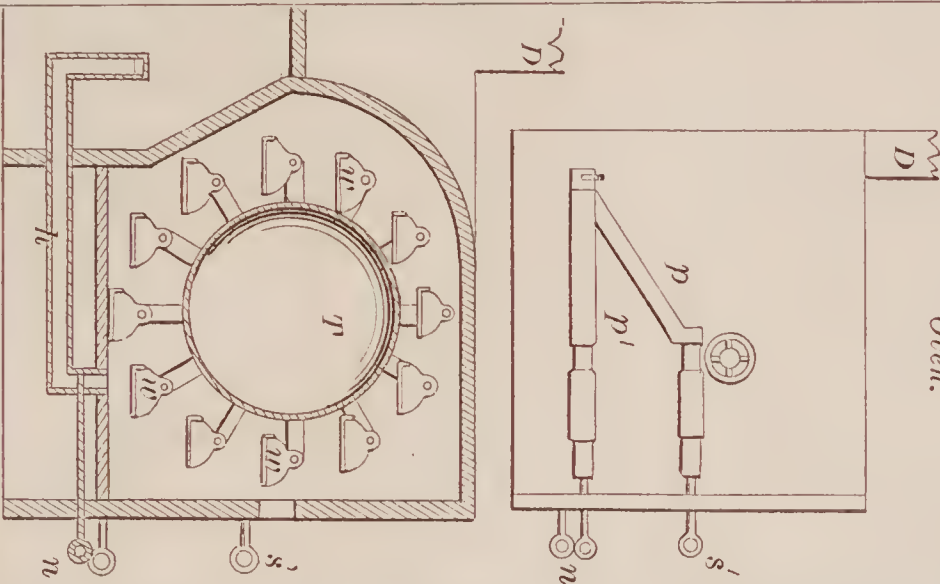
72196—J. Harding—*Lock Fastener for Lamps.*



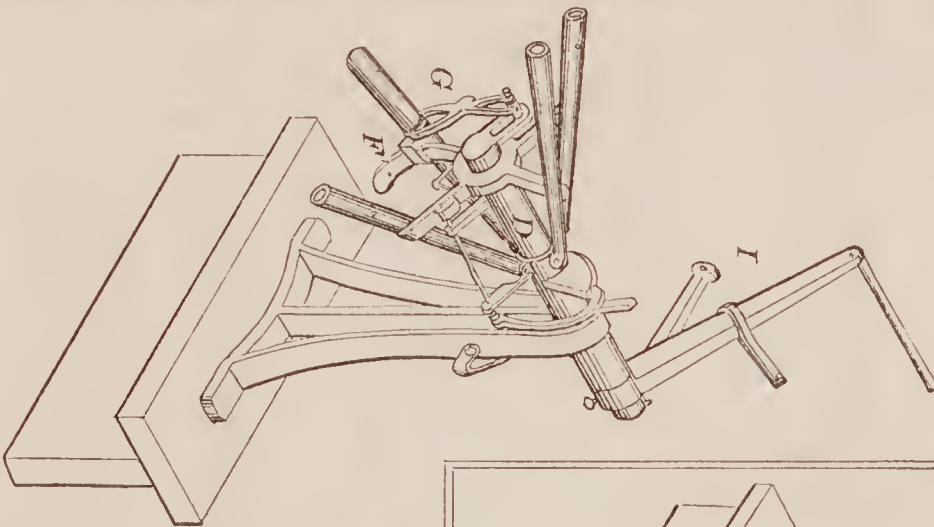
72195—W. Hailes—*Kettle Bail.*



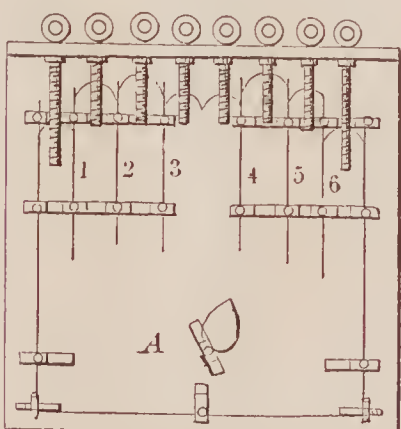
72194—E. F. Greffitt—*Bakers' Reel*
Open.



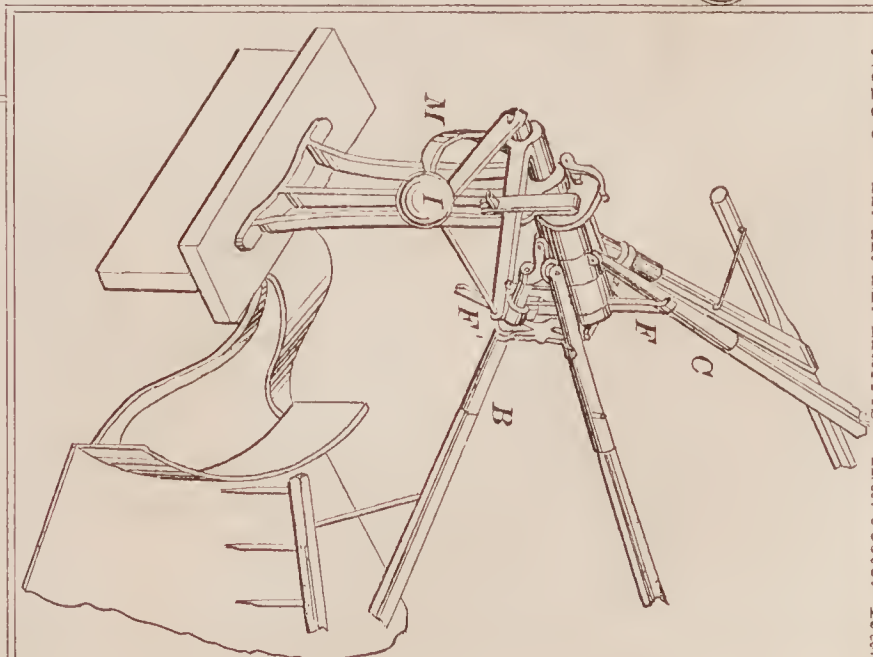
72198—H. A. M. Harris—*Harvester Rake.*

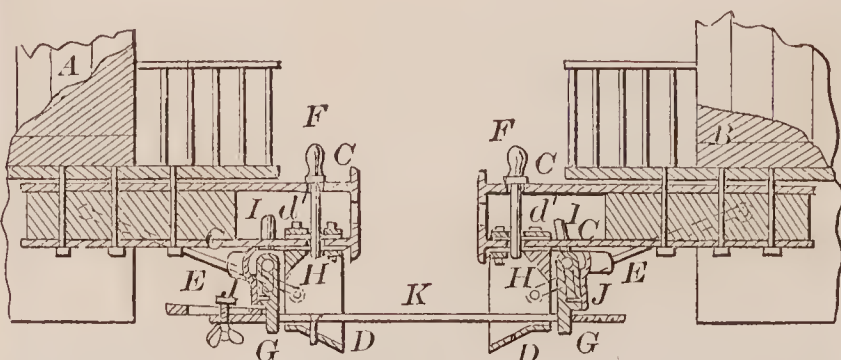
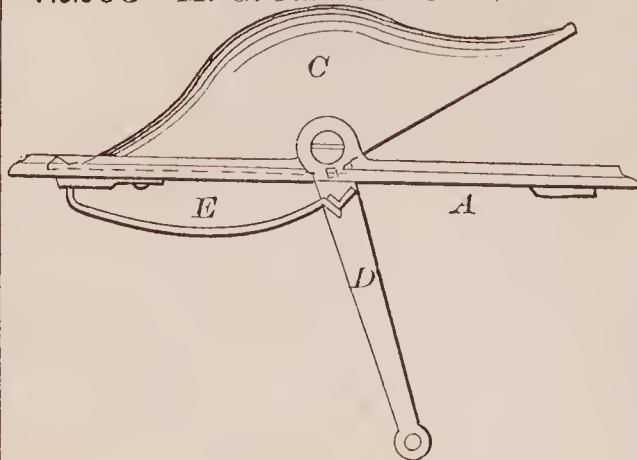
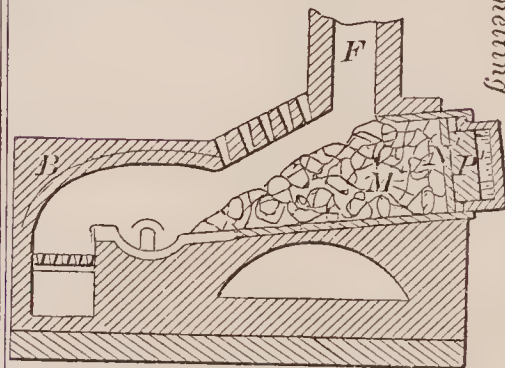
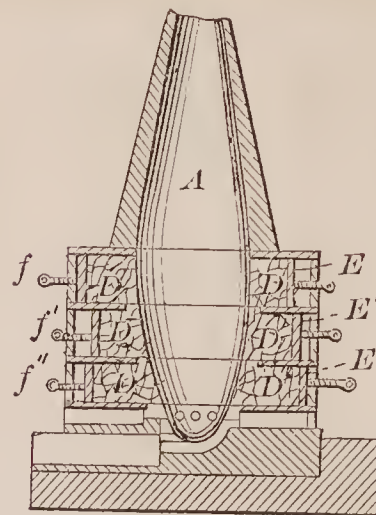
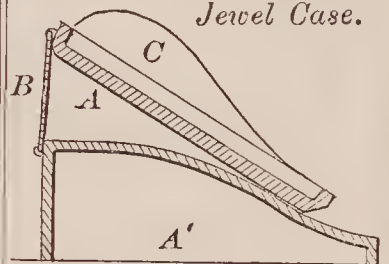
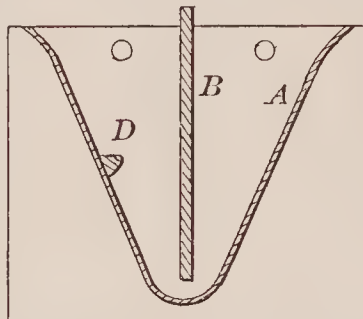
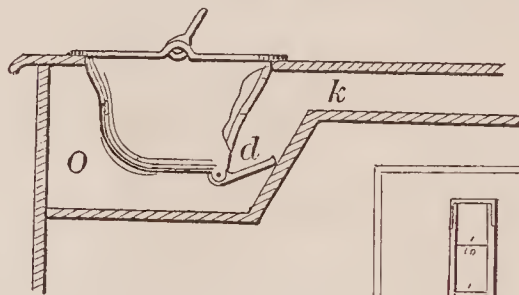
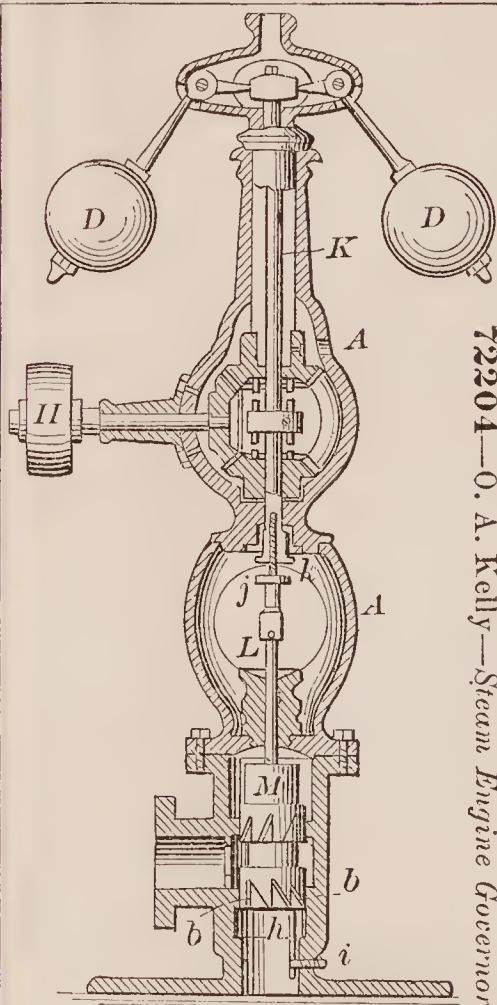
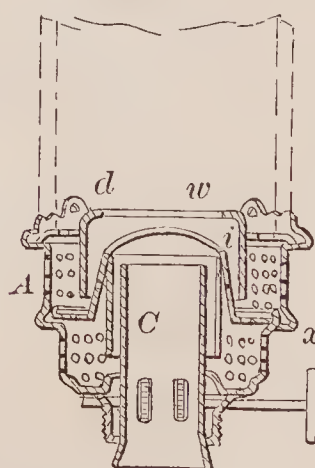
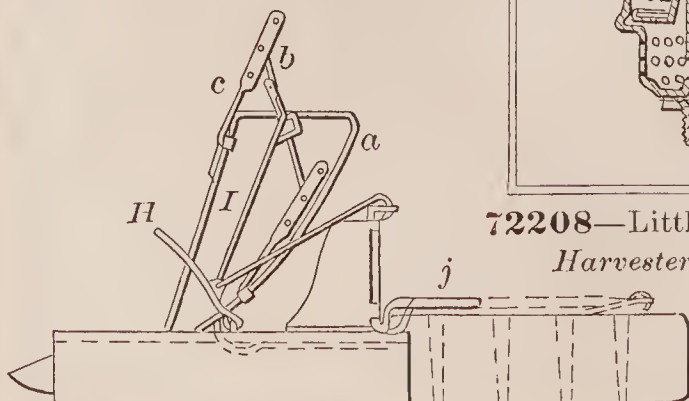


72197—Harlan & Pomeroy—*For Cutting out Gloves.*

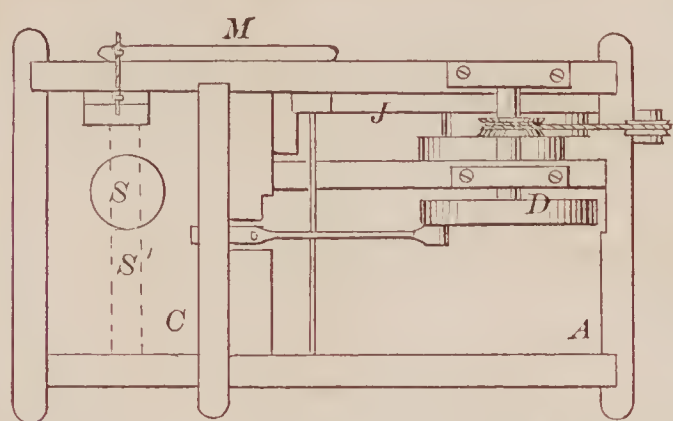


72199—H. A. M. Harris—*Harvester Rake.*

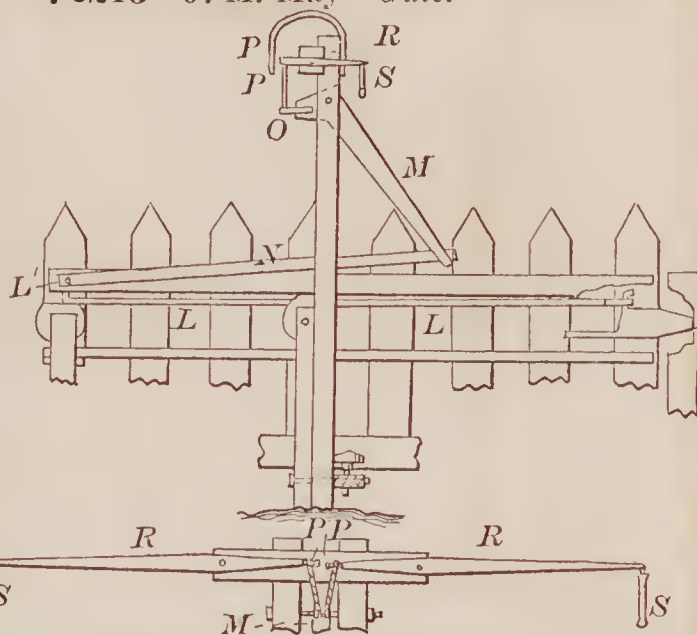


72200—A. Hillman—*Car Coupling.*72203—M. G. Imbach—*Car Ventilator.*72202—F. A. Huntington—*Spring Bed Bottom.*72201—H. G. Hubert—*Furnace for Smelting Precious Metals.*72206—G. F. Kolb—*Jewel Case.*72205—W. C. Knight—*For Saving Precious Metals.*72207—Little & Bell—*Summer Furnace.*72204—O. A. Kelly—*Steam Engine Governor.*72209—J. C. Love—*Lamp Burner.*72208—Little & Gibbs—*Harvester Rake.*72210—Lupton & Talbot—*Registering Yard Stick.*

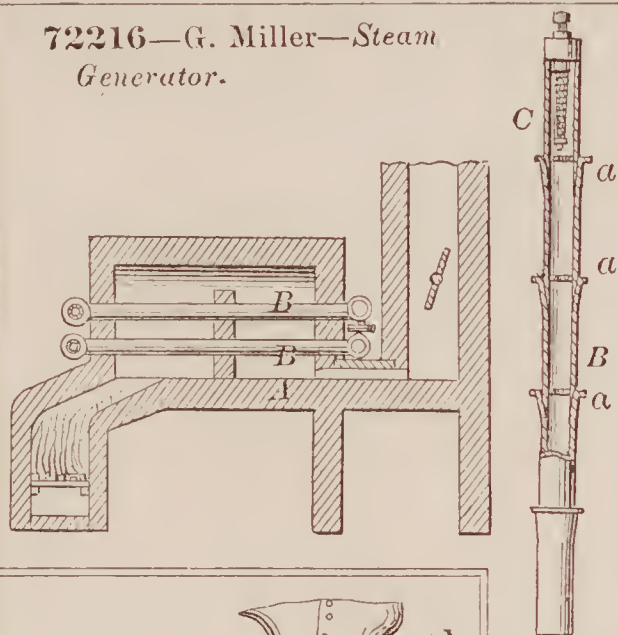
72211—C. C. Lyman—*Animal Trap.*



72213—J. M. May—*Gate.*



72216—G. Miller—*Steam Generator.*



72212—D. Manuel—*Stove Pipe Damper.*

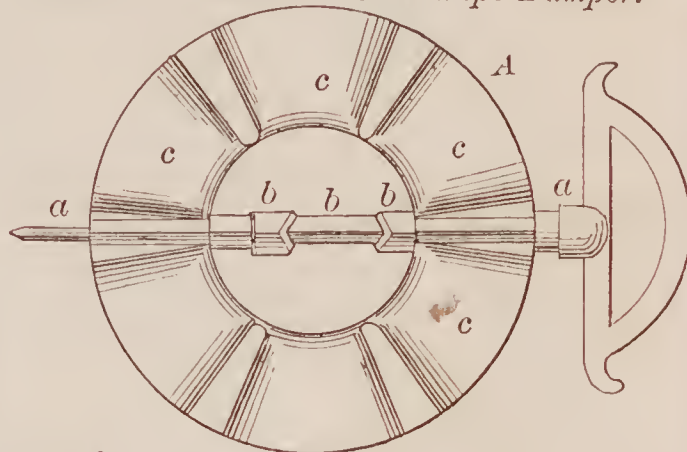
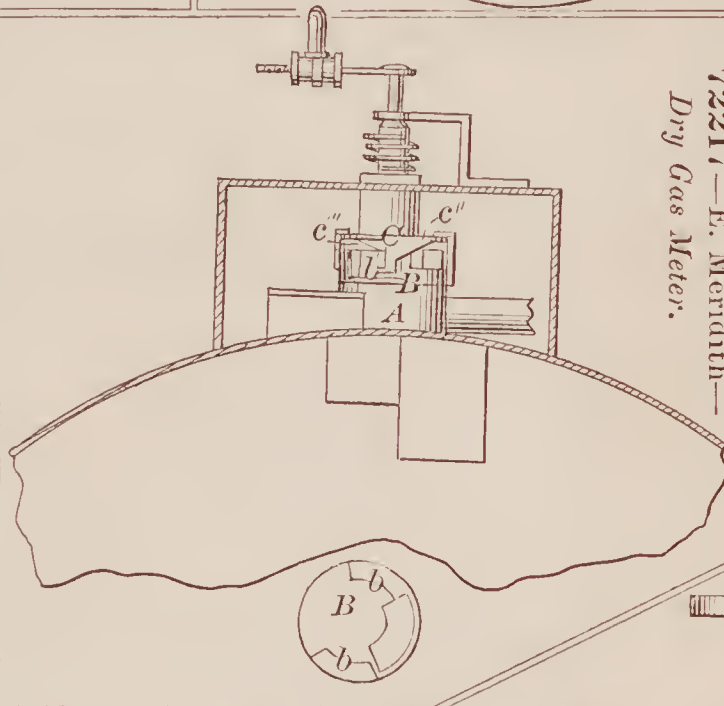
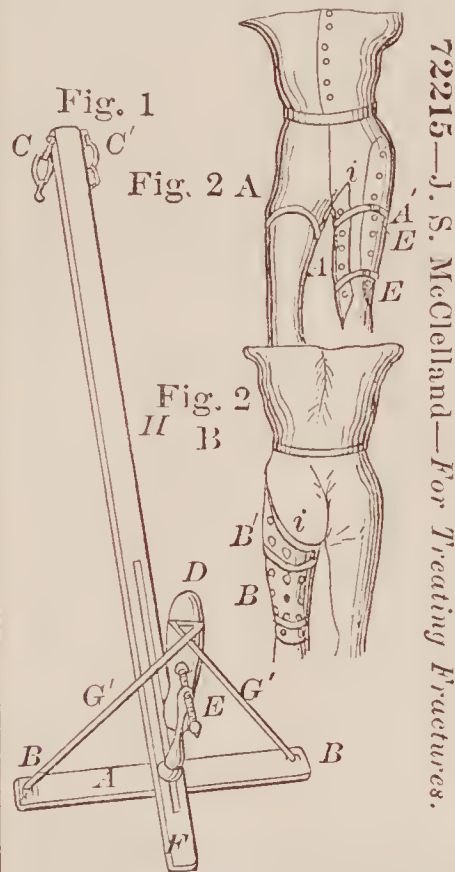


Fig. 1

Fig. 2 A

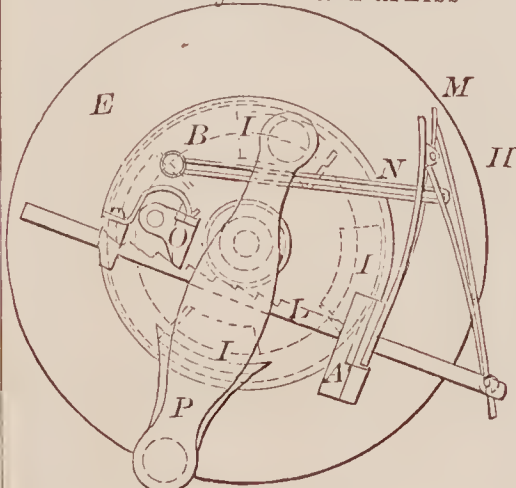
Fig. 2 II B



72217—E. Meridith—*Dry Gas Meter.*

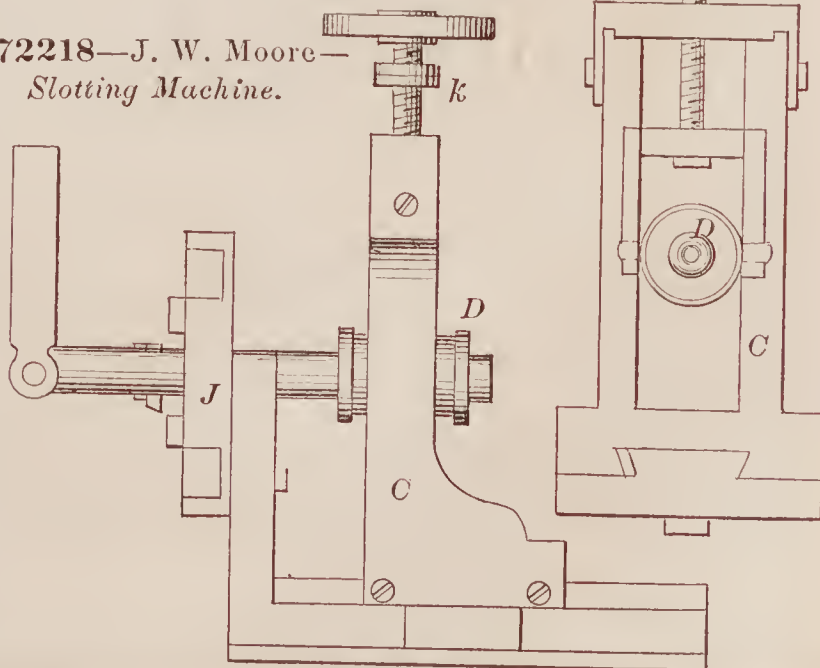


72214—Maynard & Purkiss—

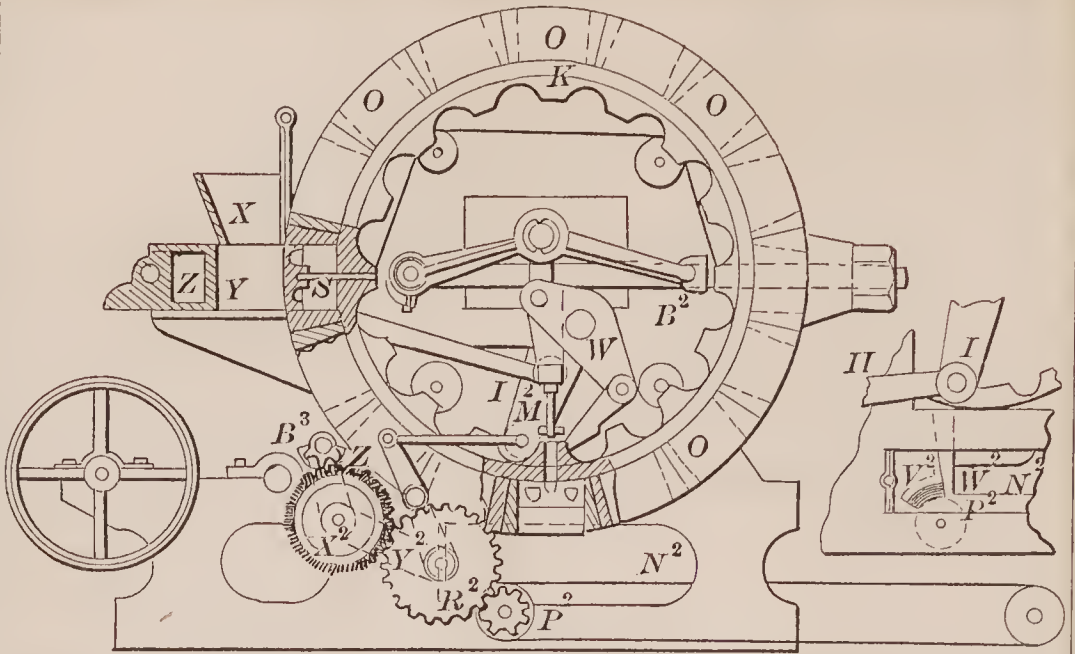


Hair Cutting Machine.

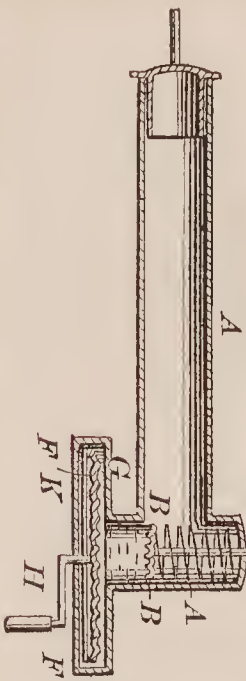
72218—J. W. Moore—*Slotting Machine.*



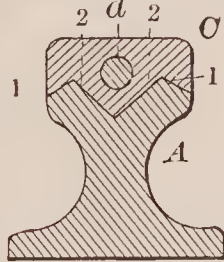
72220—J. North—Brick Machine.



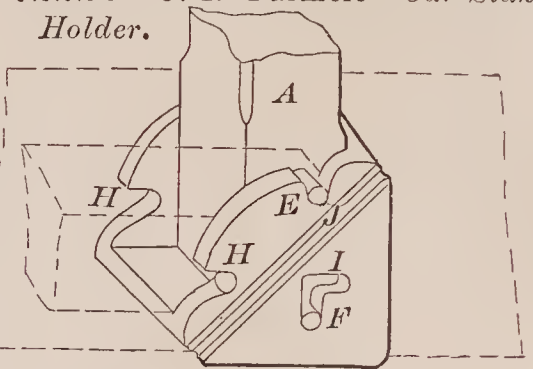
72223—Owen & Kelly—Nutmeg Grater.



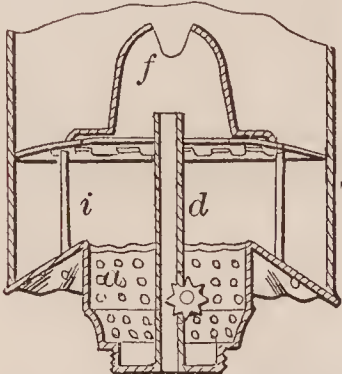
72222—C. Osgood—Railroad Rail.



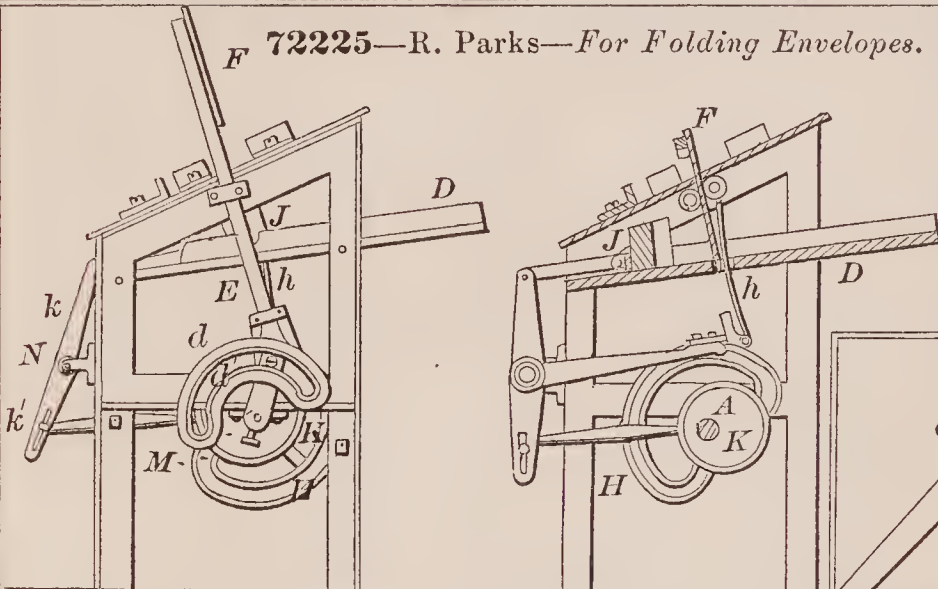
72226—O. R. Parmele—Car Stake Holder.



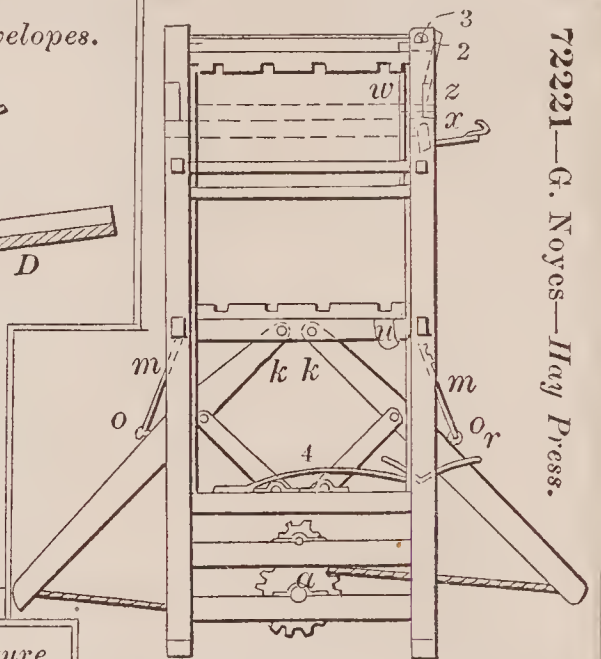
72219—G. Neilson—Lamp.



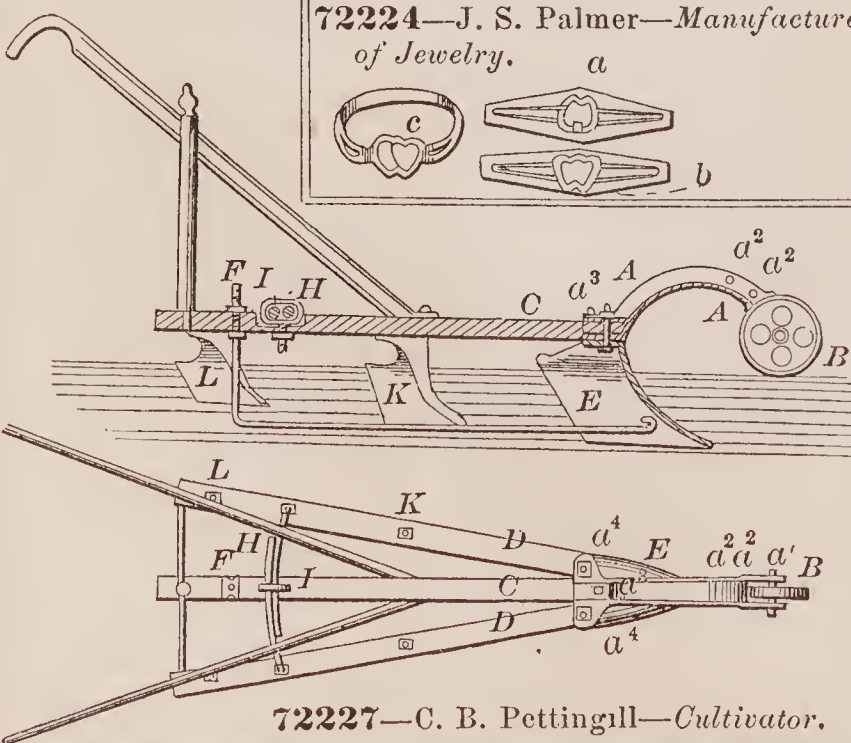
72225—R. Parks—For Folding Envelopes.



72221—G. Noyes—Hay Press.

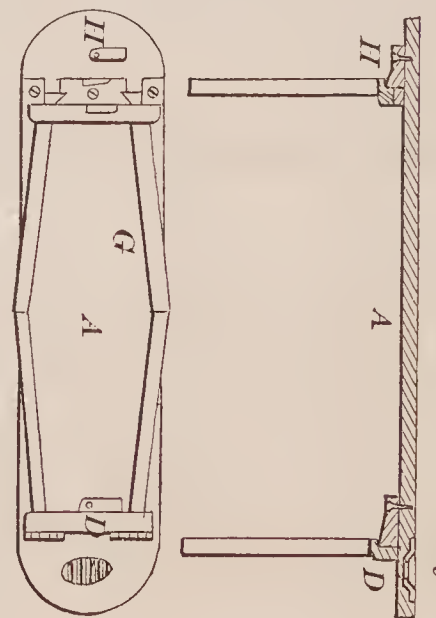


72224—J. S. Palmer—Manufacture of Jewelry.

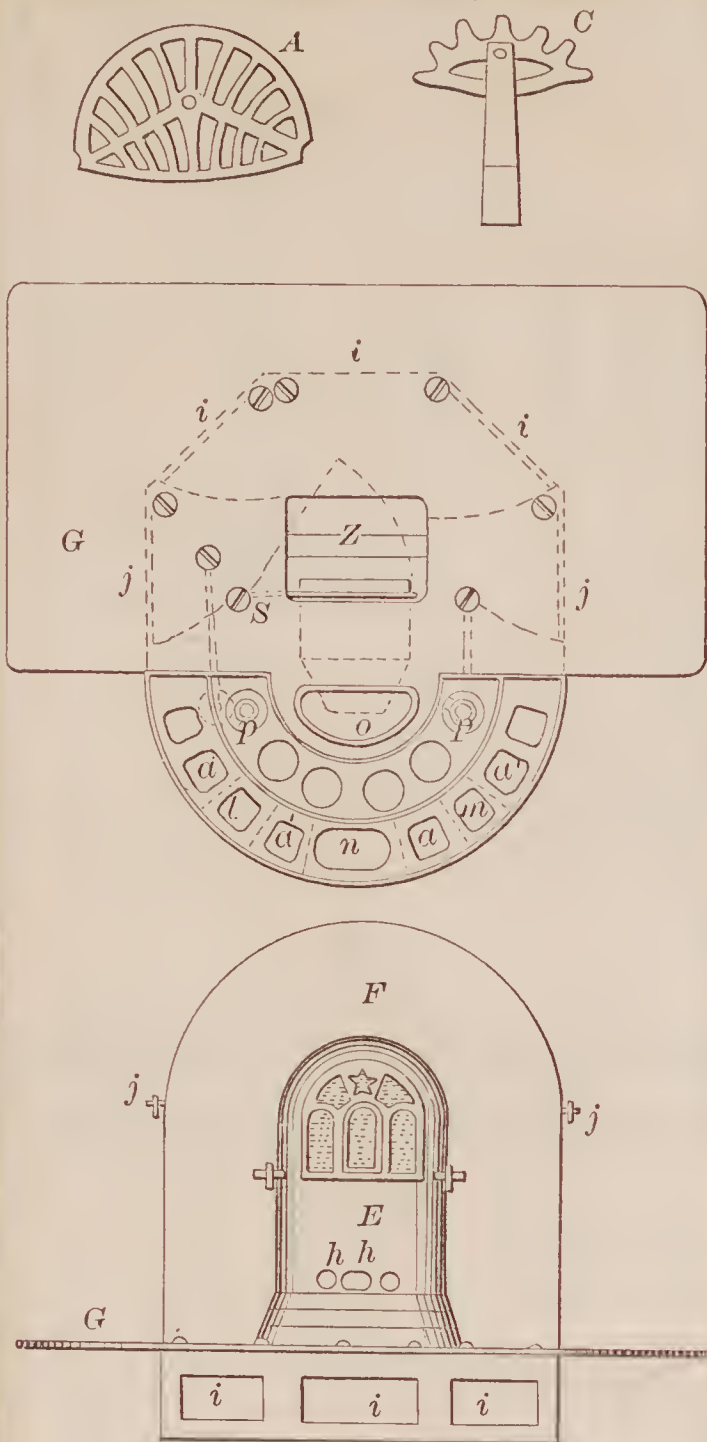


72227—C. B. Pettingill—Cultivator.

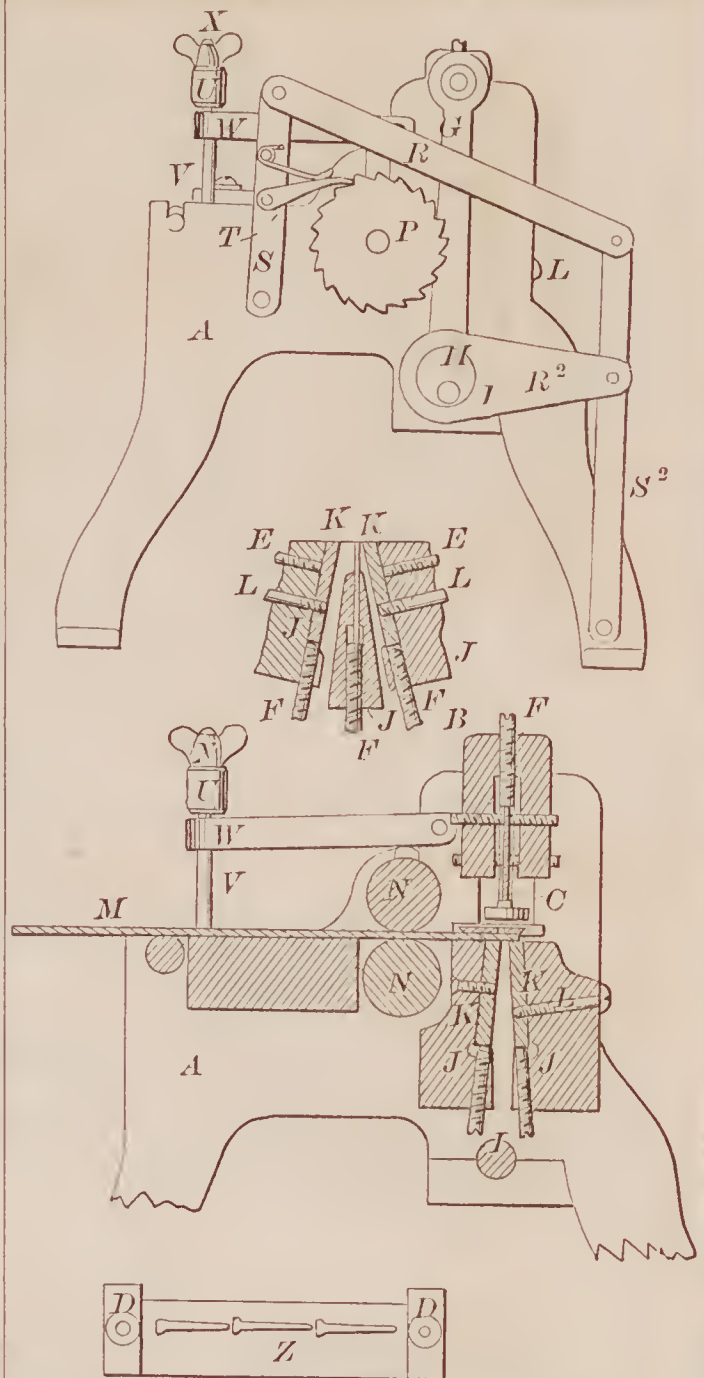
72228—A. S. Phillips—Skirt Ironing Table.



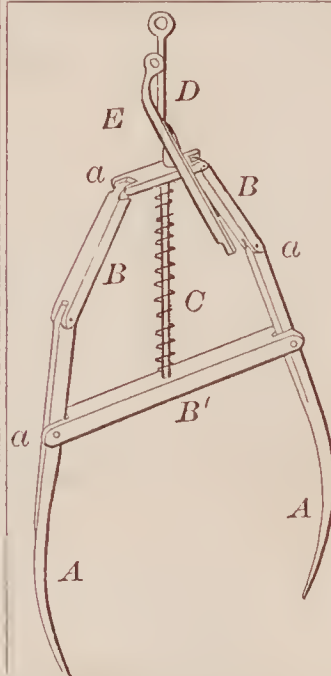
72229—C. R. Rand—*Heating Furnace.*



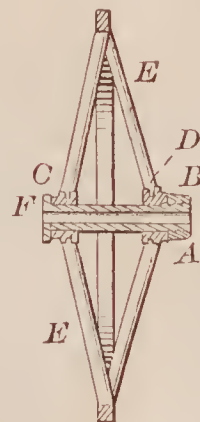
72230—B. Robinson—*For Making Nails.*



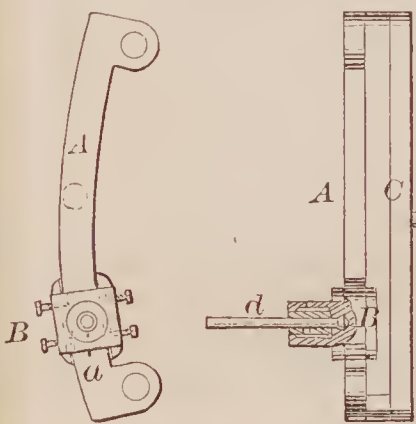
722232—G. W. Shade—*Horse Hay Fork.*



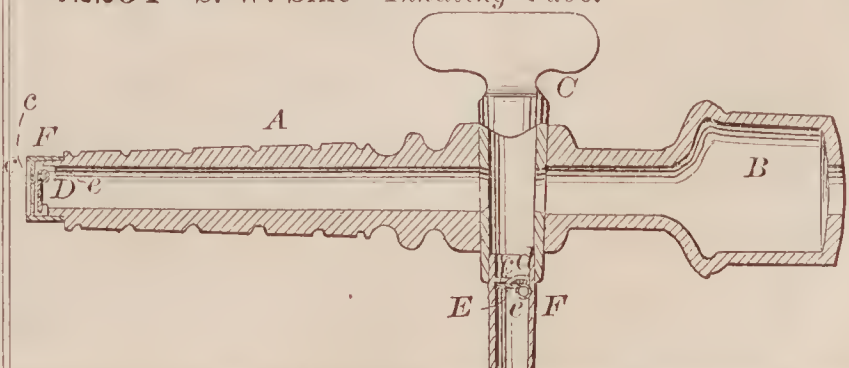
72233—F. G. Simmons—*Carriage Wheel.*

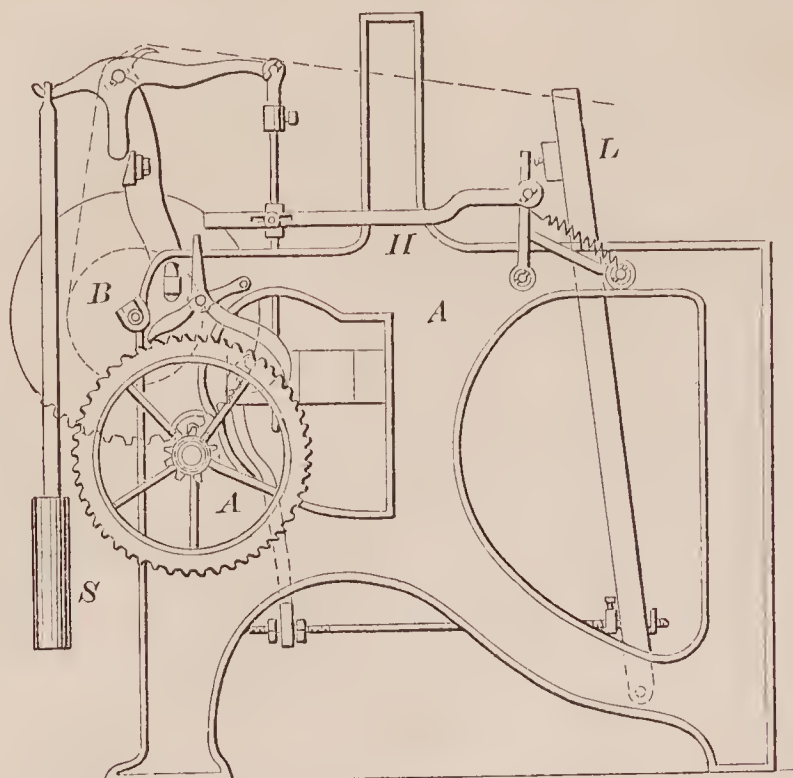
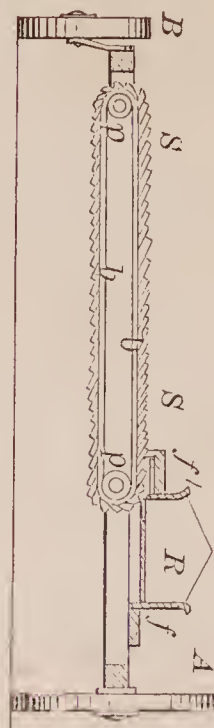
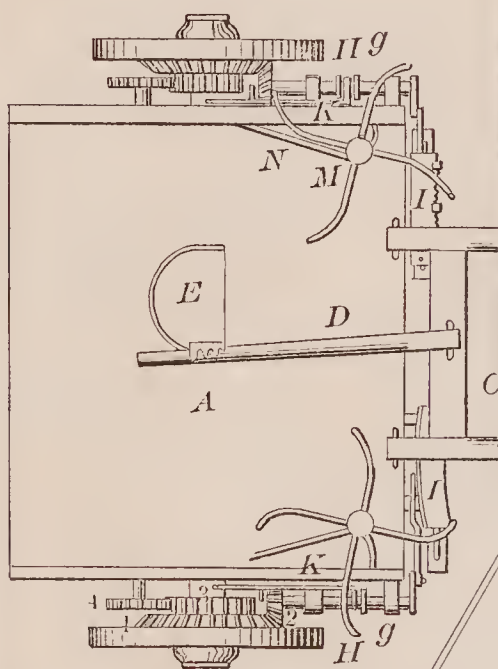
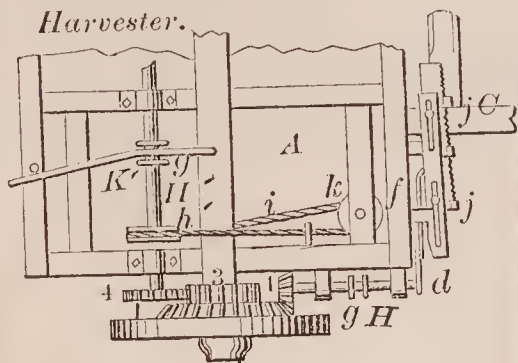
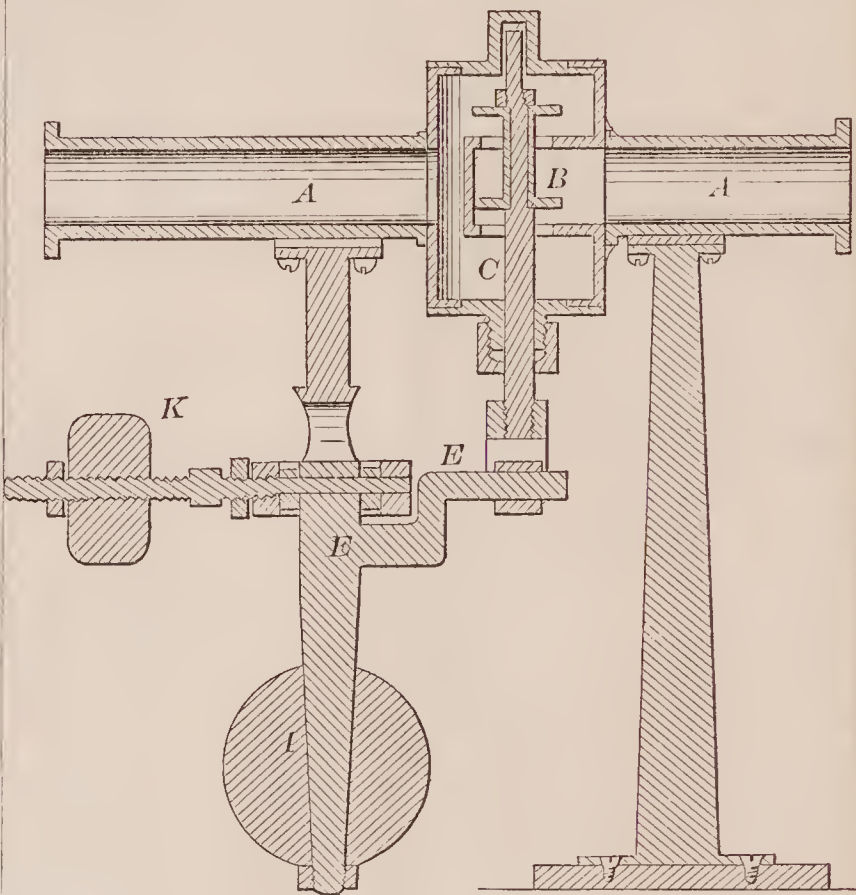
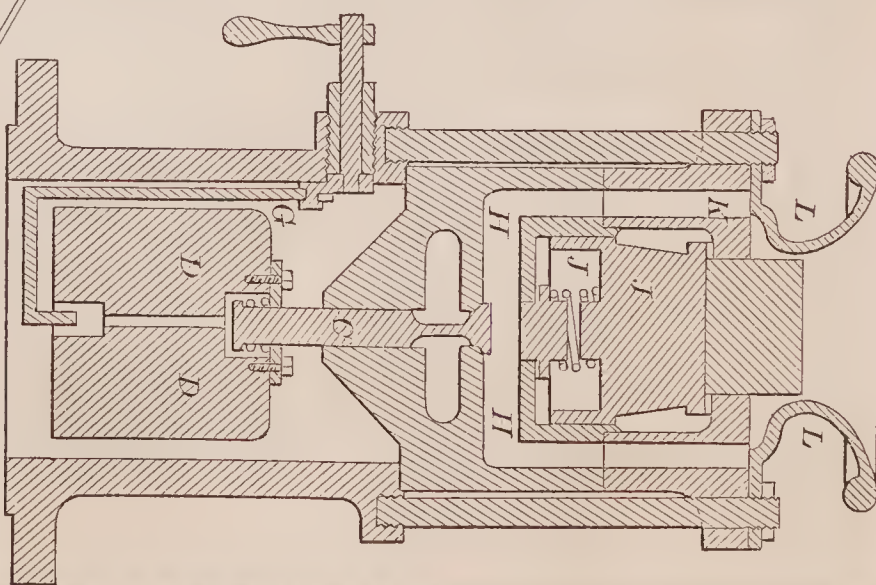
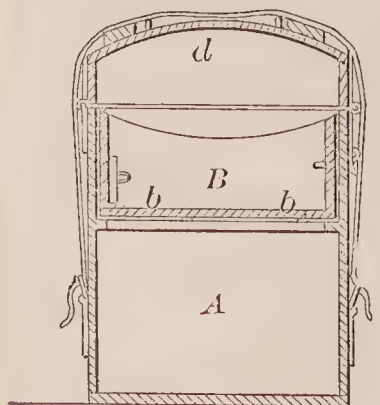


72231—Rowley & Poland—
Locomotive Link for Trucks.

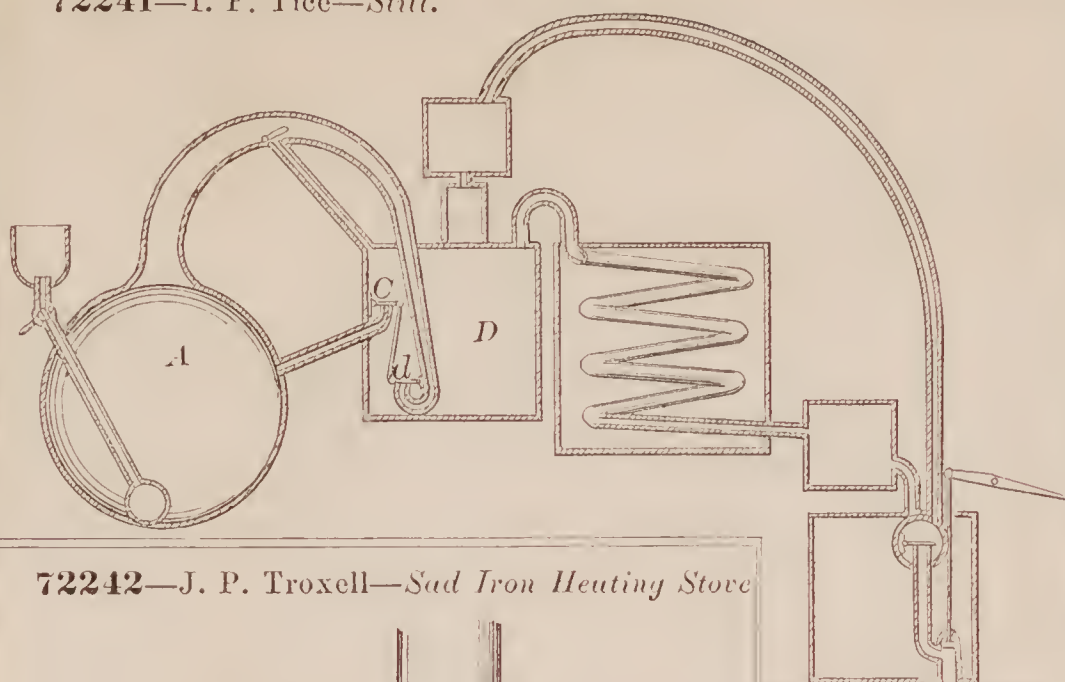


72234—S. W. Sine—*Inhaling Tube.*

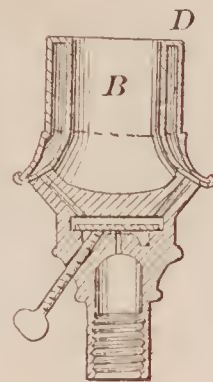


72235—G. Smith—*Let-off Motion for Looms.*72238—G. H. Spaulding—*Harvester.*72236—H. L. Smith—*Corn Harvester.*72239—J. Sullivan—*Marine Engine Governor.*72240—Taylor & Coale—*Steam Generator Safety Valve.*72237—T. Smith—*Trunk.*

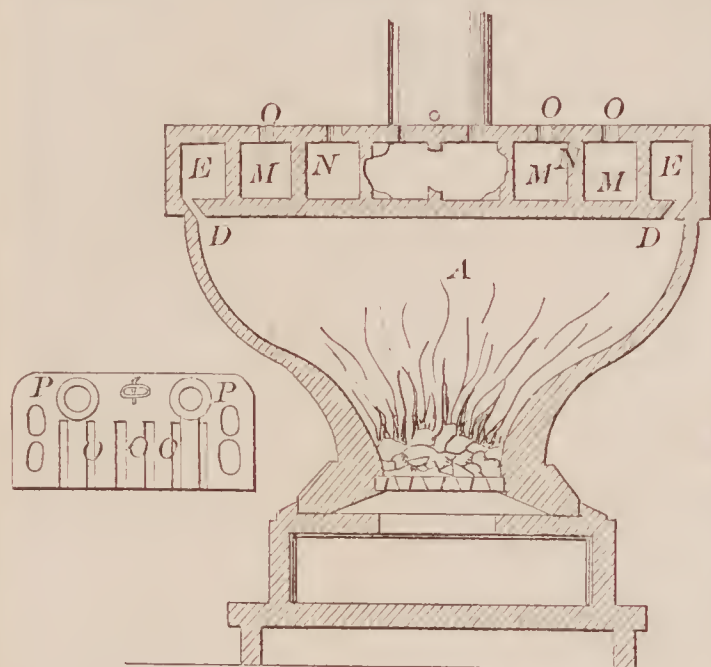
72241—I. P. Tice—Still.



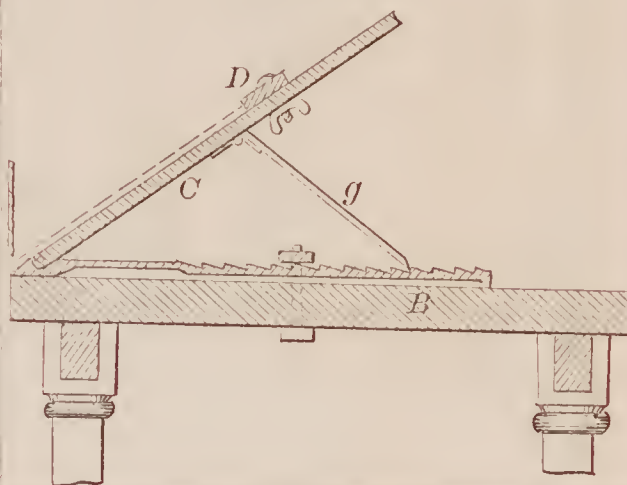
72244—E. R. Walker—Argand Burner.



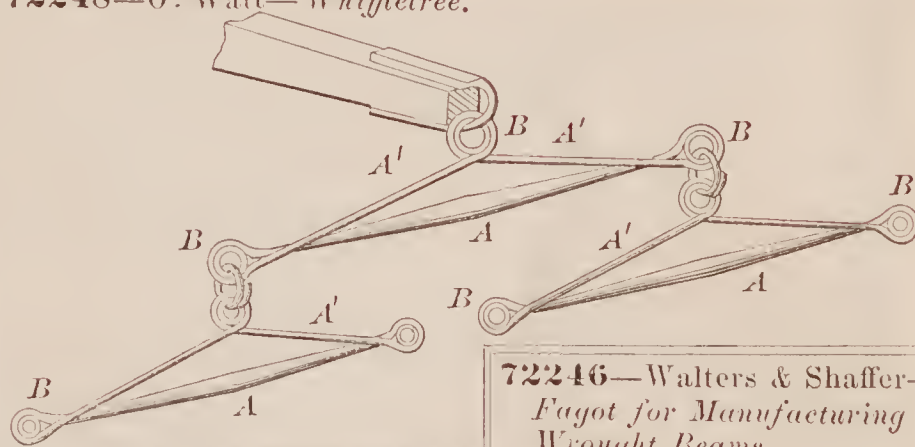
72242—J. P. Troxell—Sad Iron Heating Stove



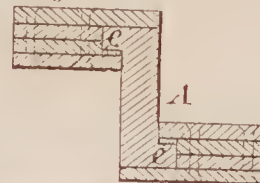
72243—H. L. Turny—Book Binders' Beveling Machine.



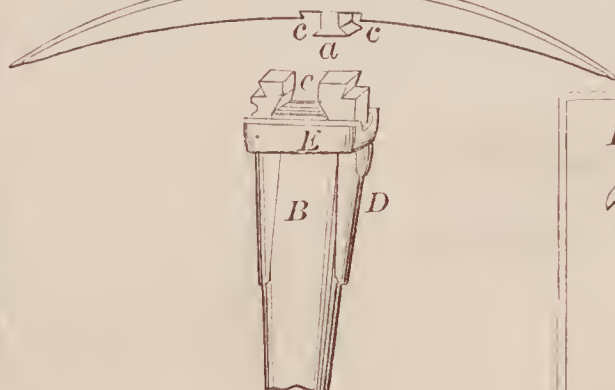
72248—G. Watt—Whiffletree.



72246—Walters & Shaffer—Fagot for Manufacturing Wrought Beams.



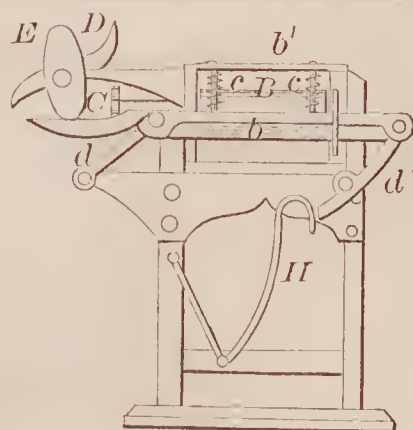
72245—J. P. Walsh—Attaching Picks to Handles.

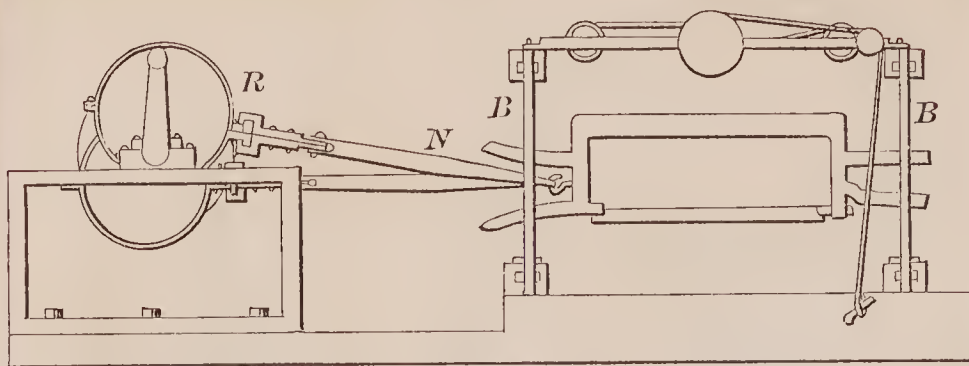
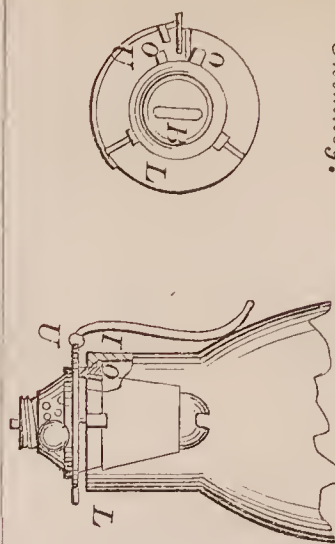
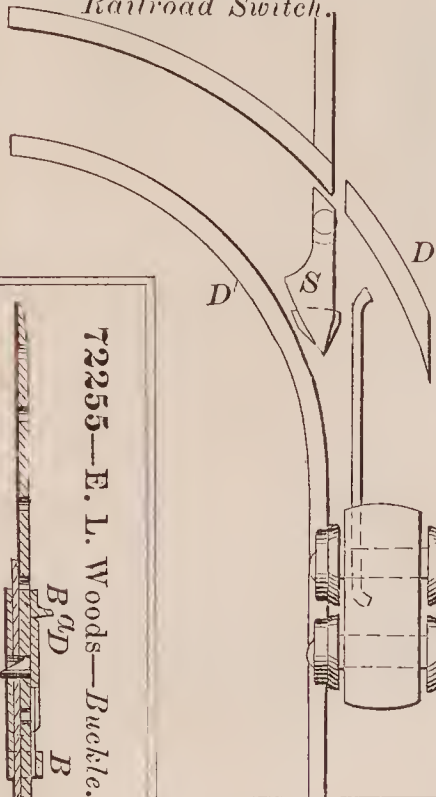
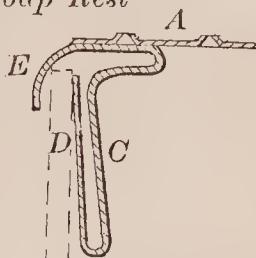
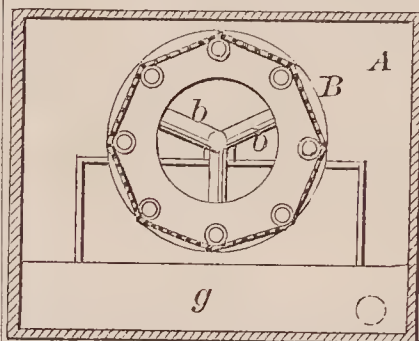
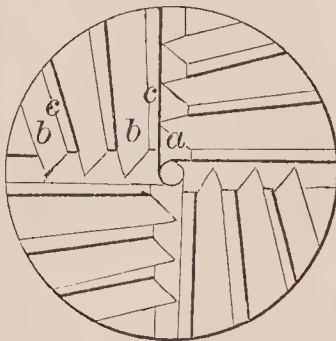
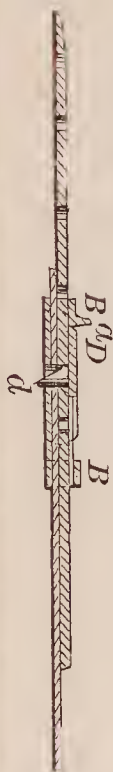
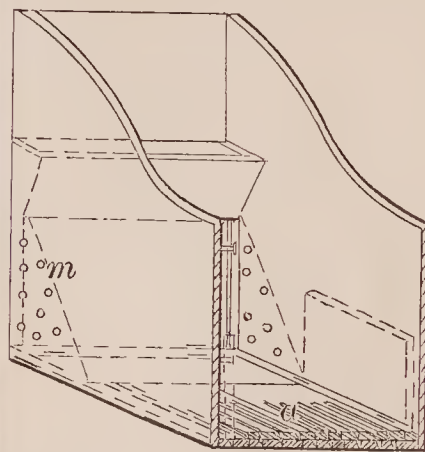
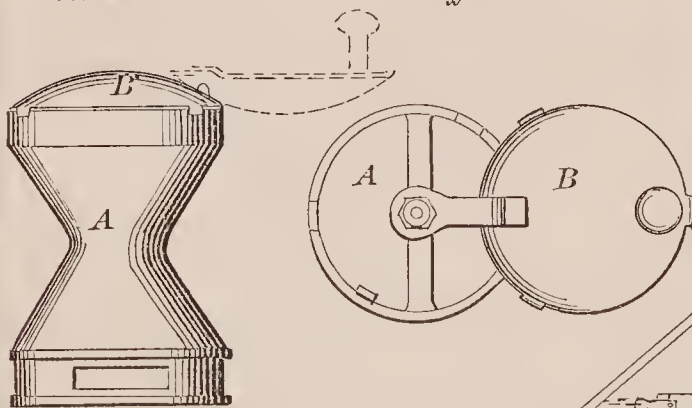
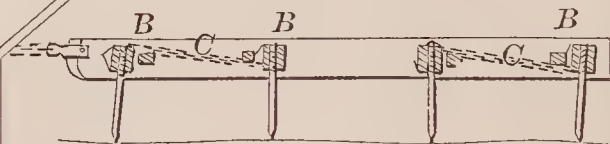
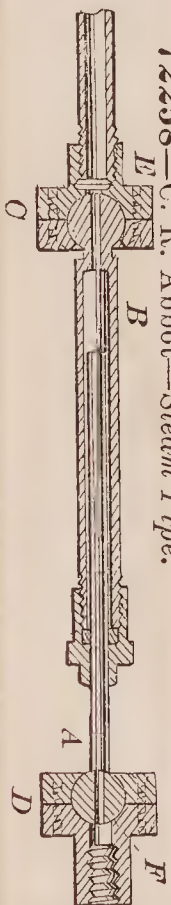
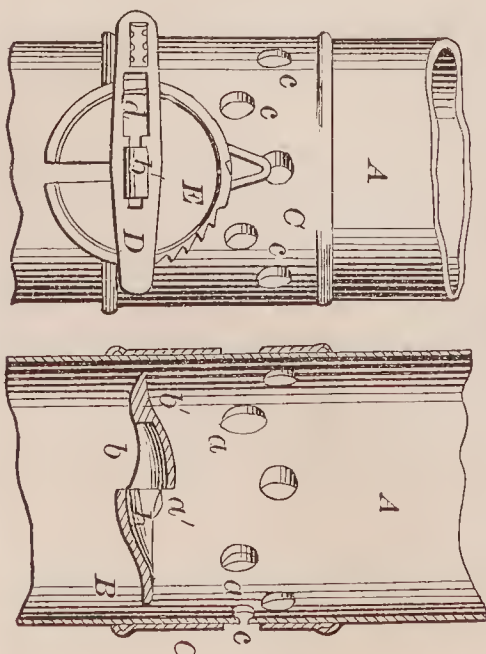
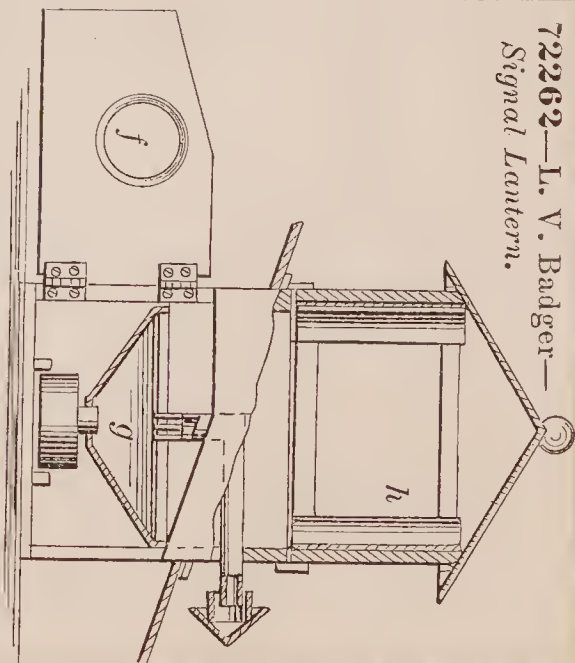


72247—W. G. Waterman—Cork Extractor.

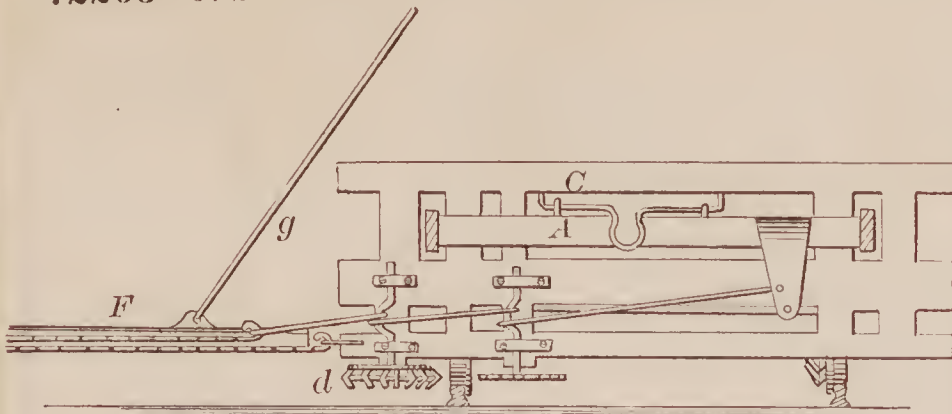


72249—J. Weichart—Saw Cutter.

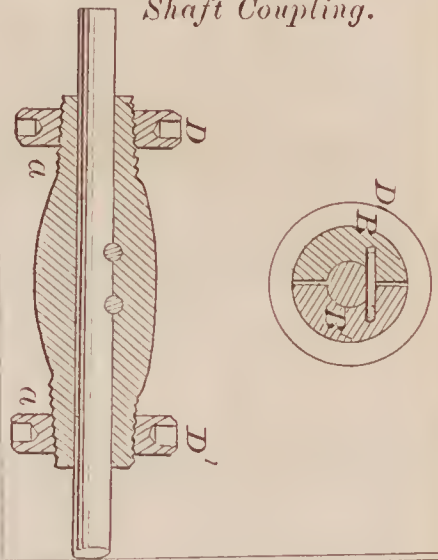


72250—Wheeler & Stevens—*Marble Cutting Machine.*72253—J. D. Willoughby—*Lamp Chimney.*72251—J. M. Whiting—*Railroad Switch.*72252—J. Whittemore—*Soap Rest*72254—J. E. Winants—*For Melting Crude Turpentine.*72256—
N. W. Wortham—*Mill Stone Dress.*72255—E. L. Woods—*Buckle.*72257—L. B. F. Zitkor—*Cattle Stall.*72259—J. R. Adams—*Coffee Mill.*72260—J. Aikin—*Harrow.*72258—C. K. Abbot—*Steam Pipe.*72261—A. Anderson—*Damper and Ventilator.*72262—L. V. Badger—*Signal Lantern.*

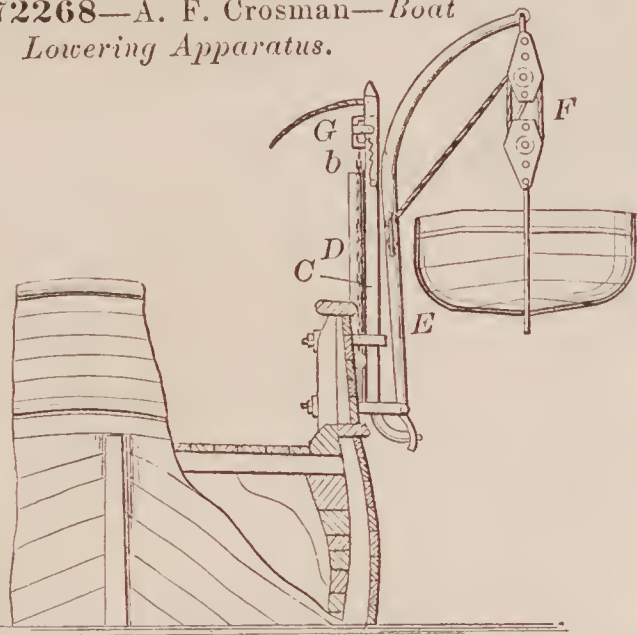
72263—J. S. Boicourt—*Railroad Weed Cutter.*



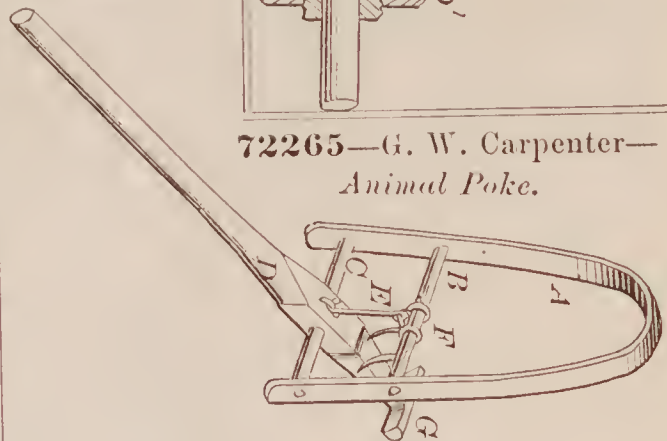
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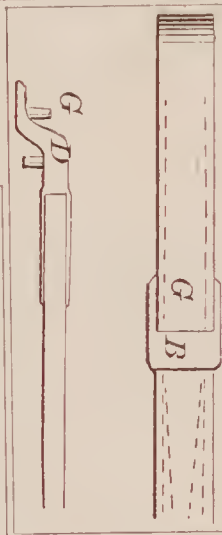
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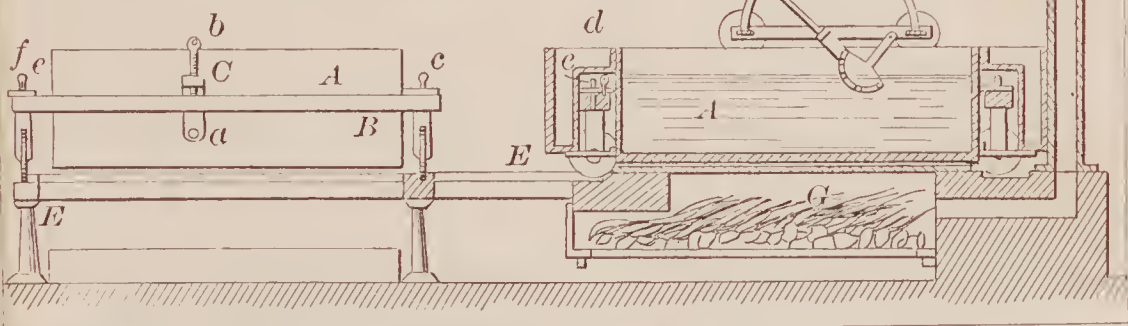
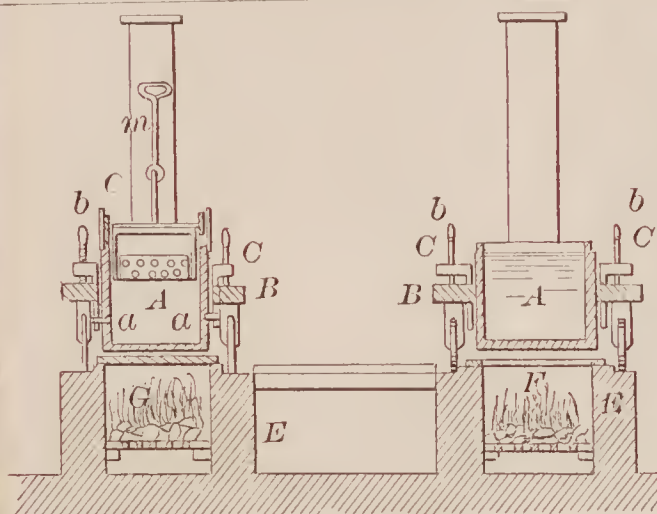
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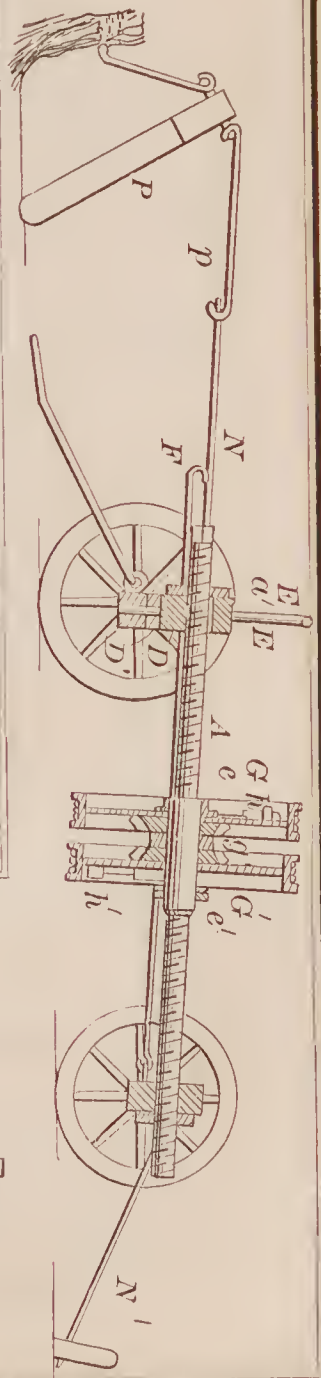
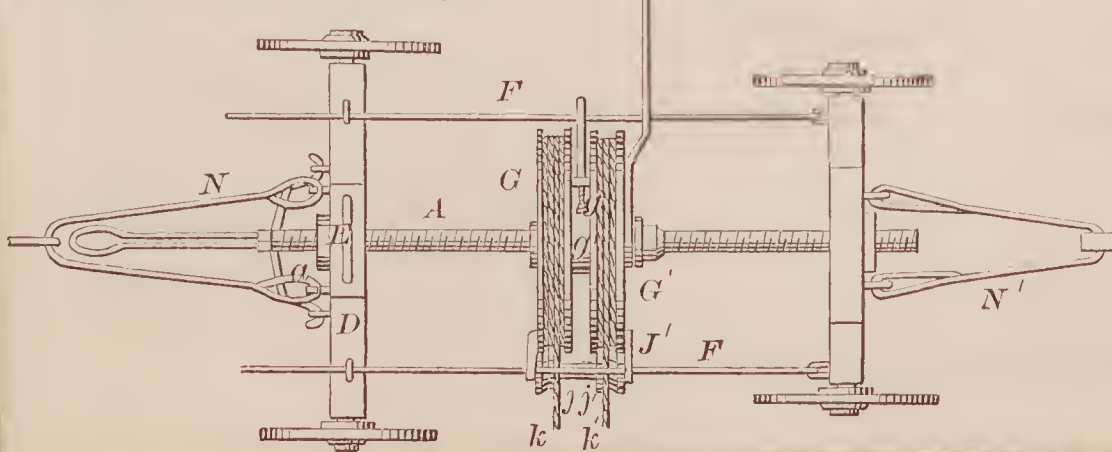
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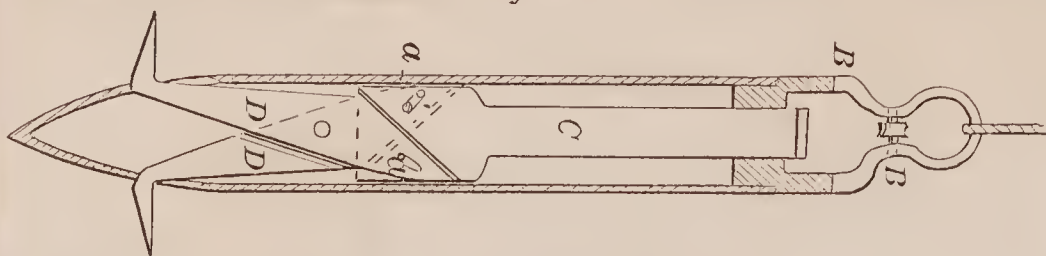
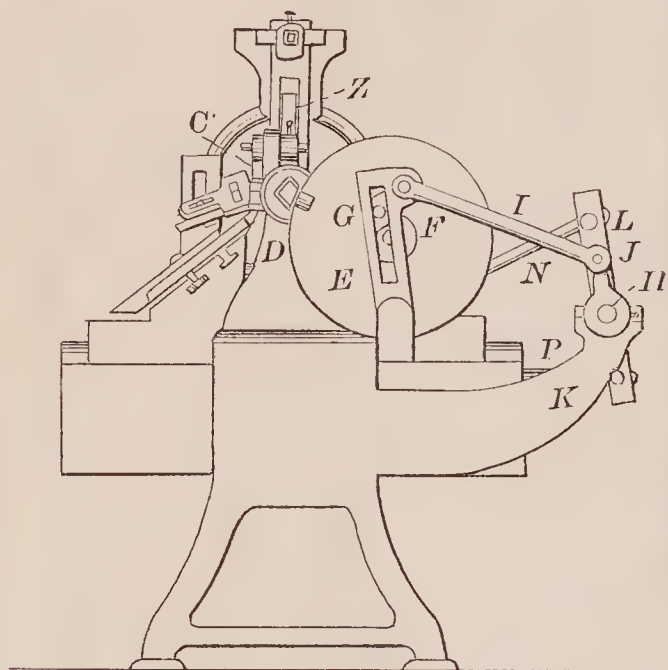
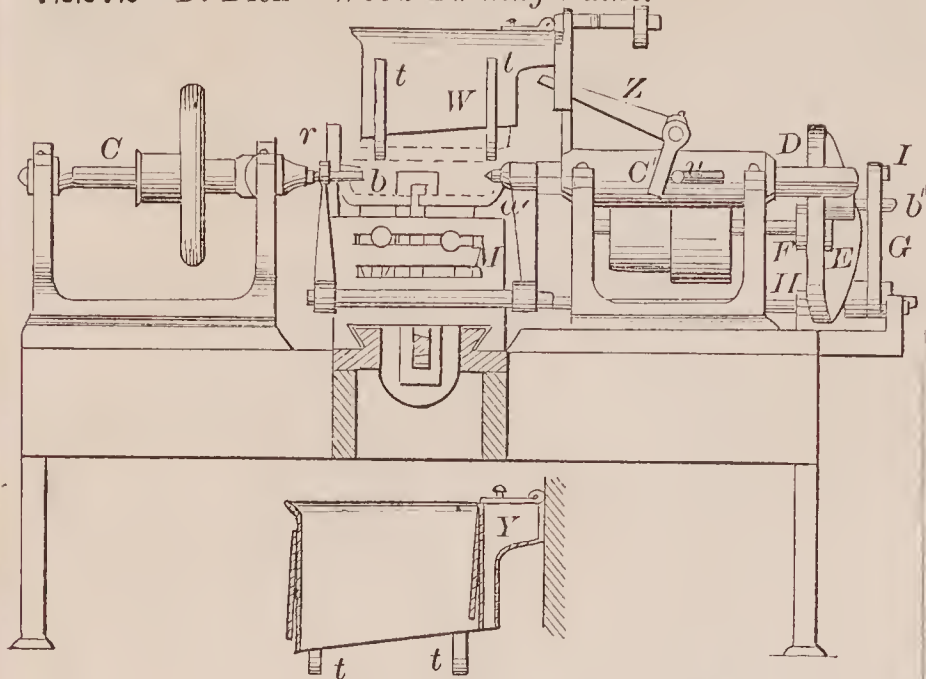
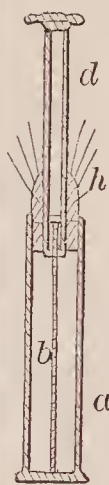
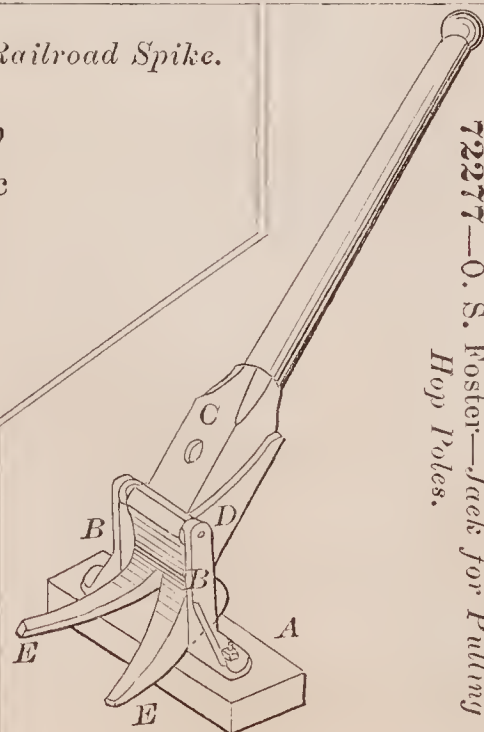
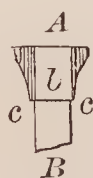
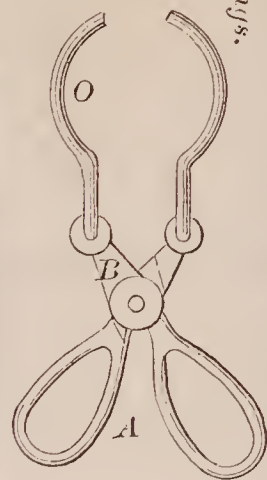
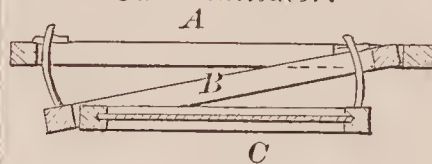
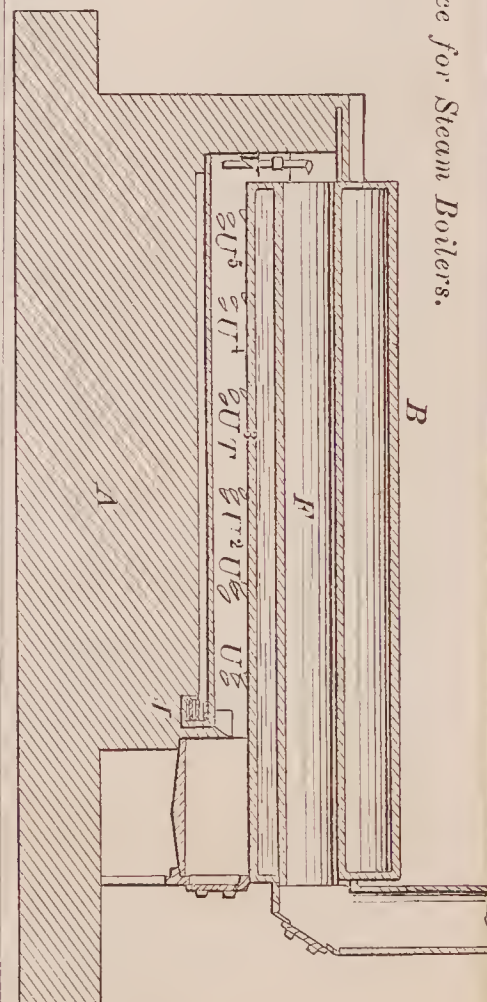
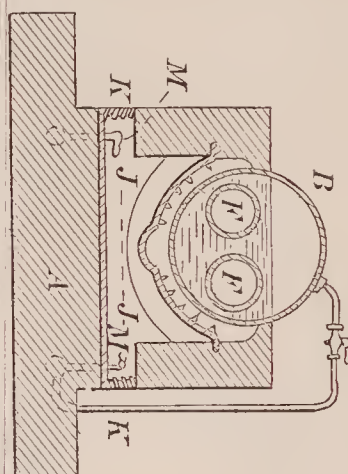


72267—N. Clouse—*Sorghum Evaporator.*

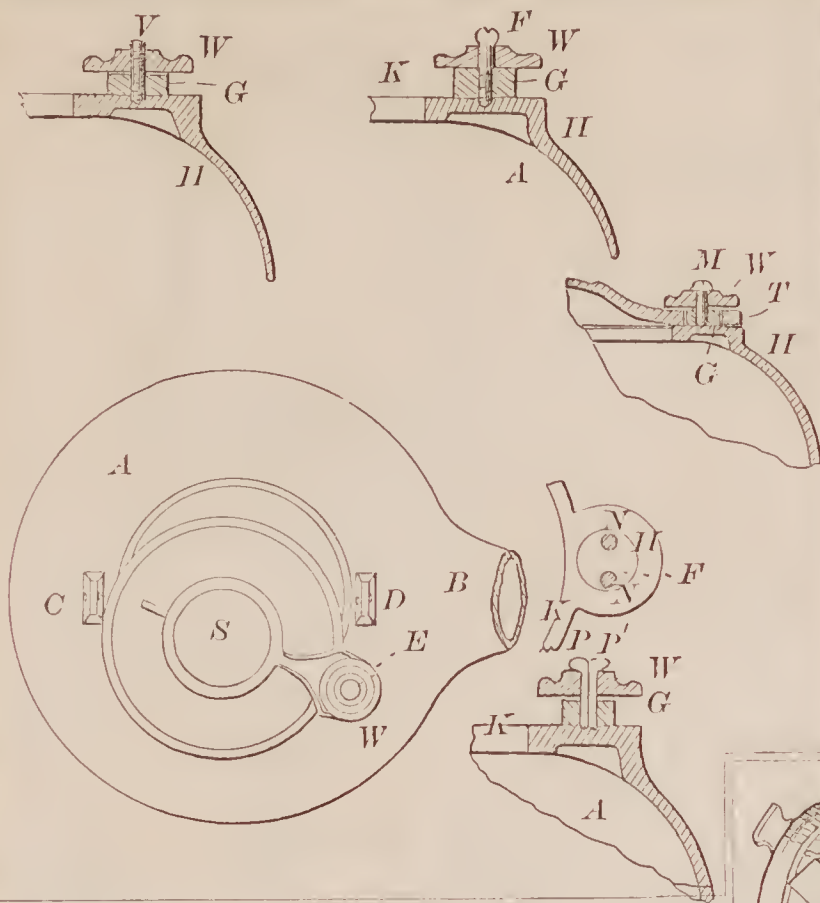


72269—A. Crowner—*Stump Extractor.*

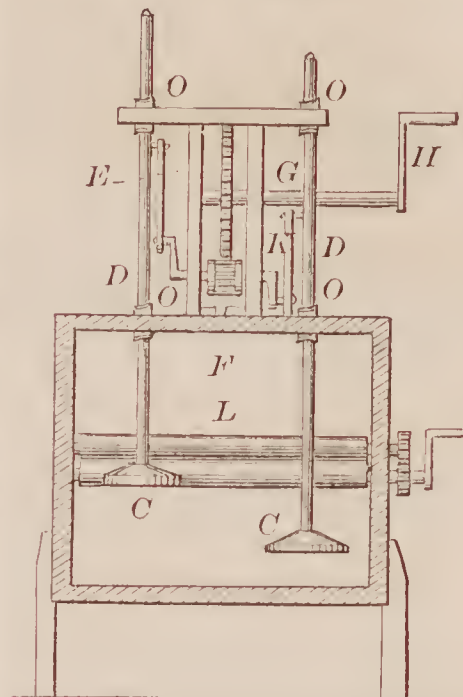


72270—F. Culver—*Horse Hay Fork.*72272—D. Dick—*Wood Turning Lathe.*72271—P. D. Cummings—*Needle Case.*72276—M. Foster—*Railroad Spike.*72277—O. S. Foster—*Jack for Pulling Hop Poles.*72275—J. Huteneuer—*Lamp Chimney Tongs.*72274—W. B. Dunning—*Car Ventilator.*72278—C. Fownes—*Furnace for Steam Boilers.*

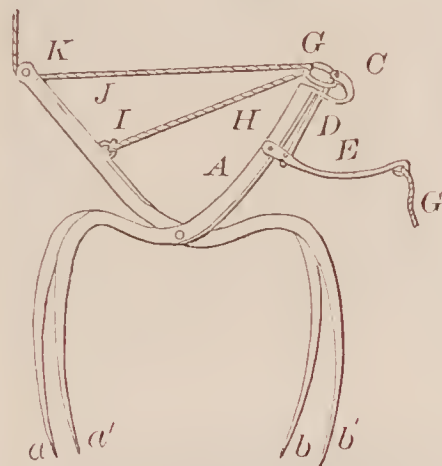
72279—C. Fownes—Hinging Tea Kettle Covers.



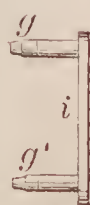
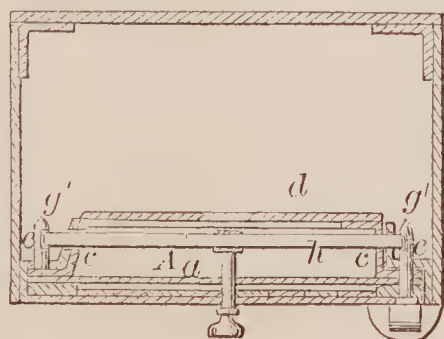
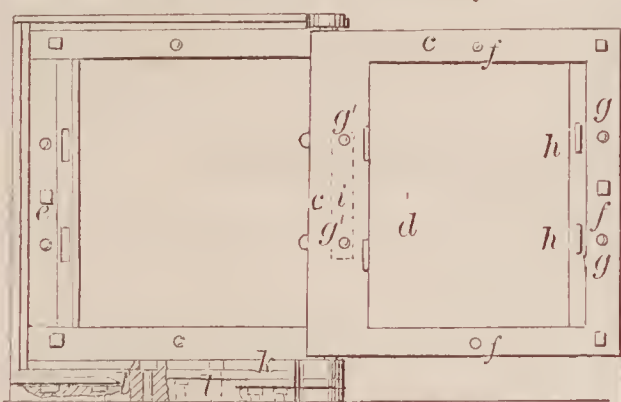
72281—T. Q. Frost—Washing Machine.



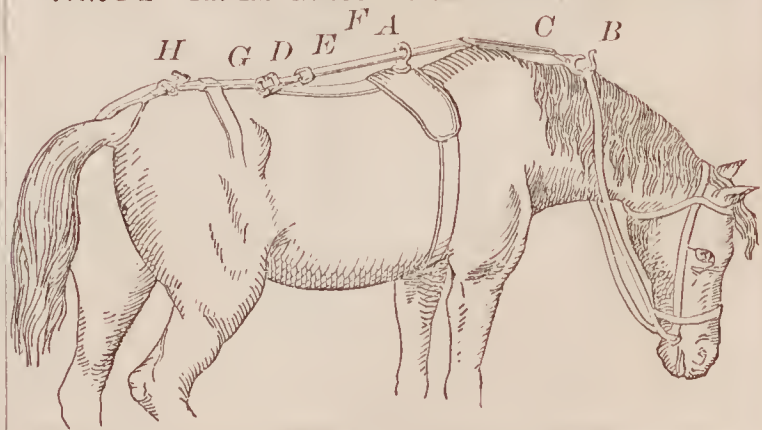
72282—W. B. Gabel—Horse Hay Fork.



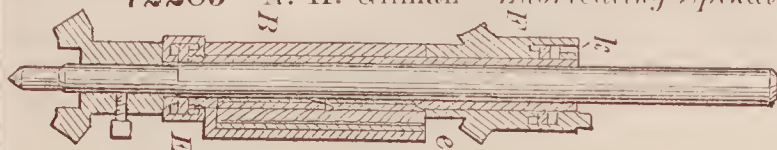
72283—W. Gardner—Iron Safe.



72284—M. A. Gates—Check Rein Attachment.



72285—A. H. Gilman—Lubricating Spindles.



72280—S. C. Frink—Sadd Iron Heater.

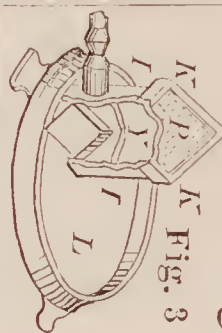


Fig. 3

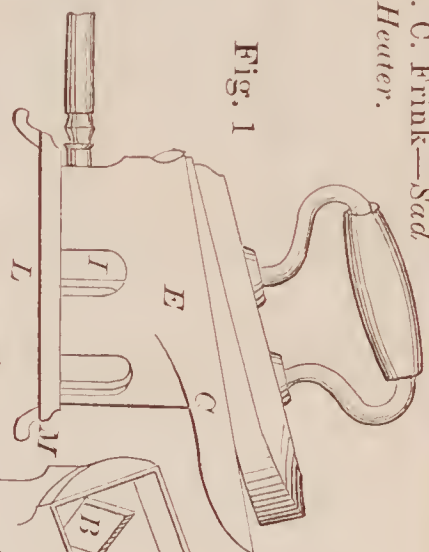


Fig. 1

Fig. 5



Fig. 4

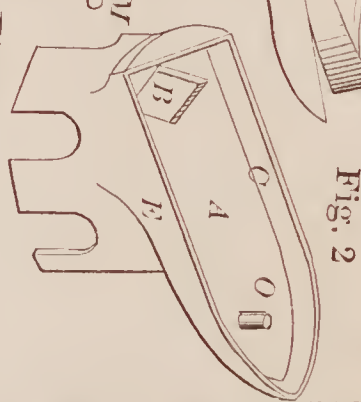
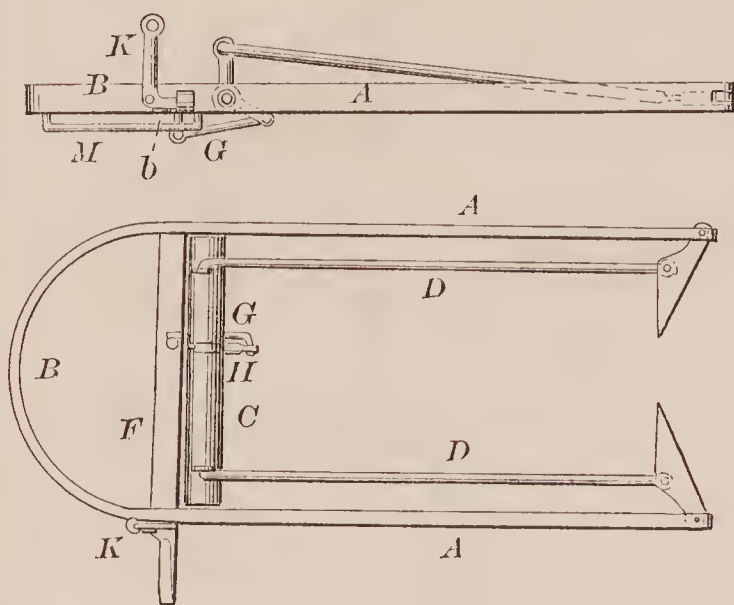
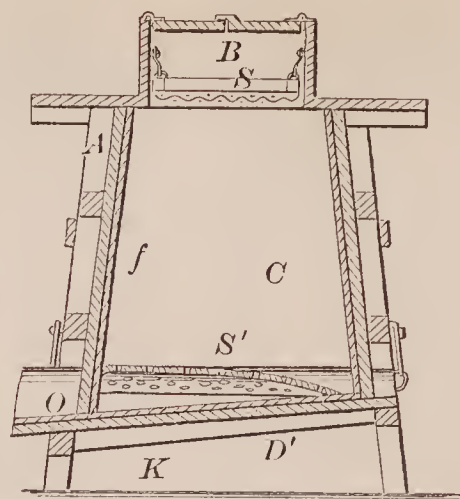
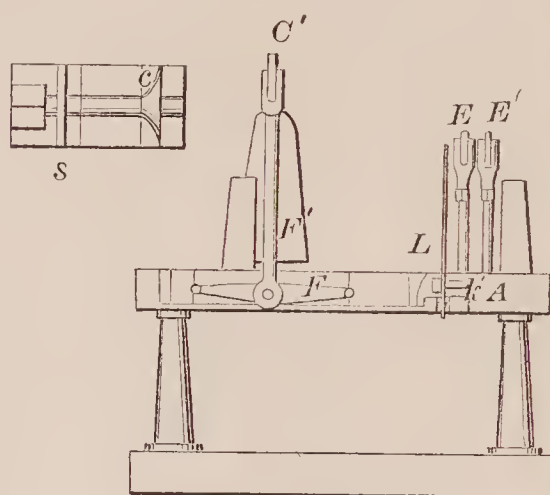
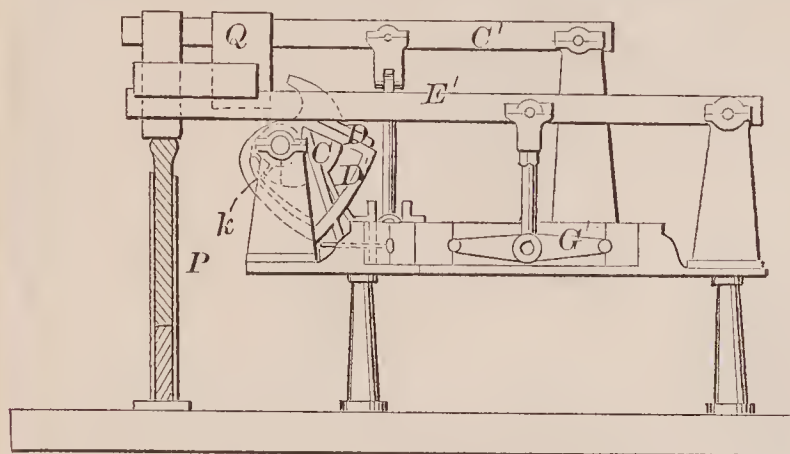
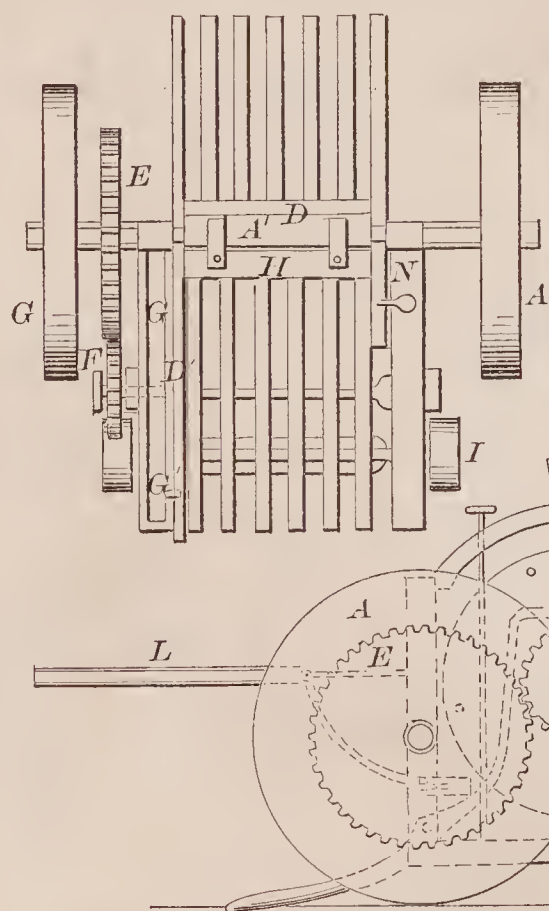
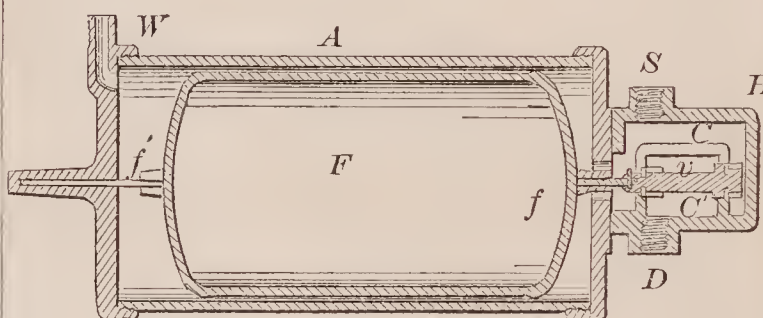
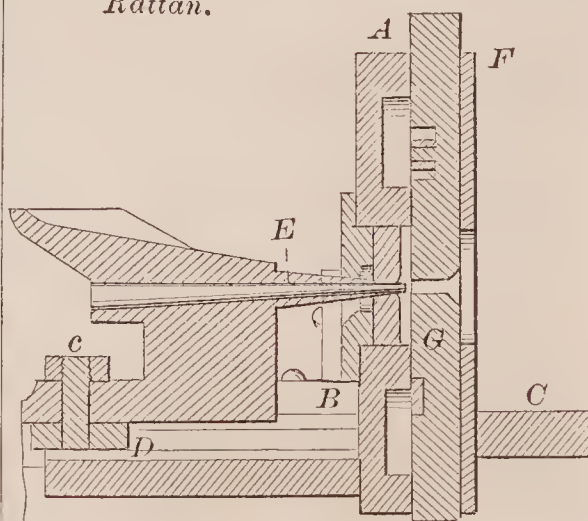
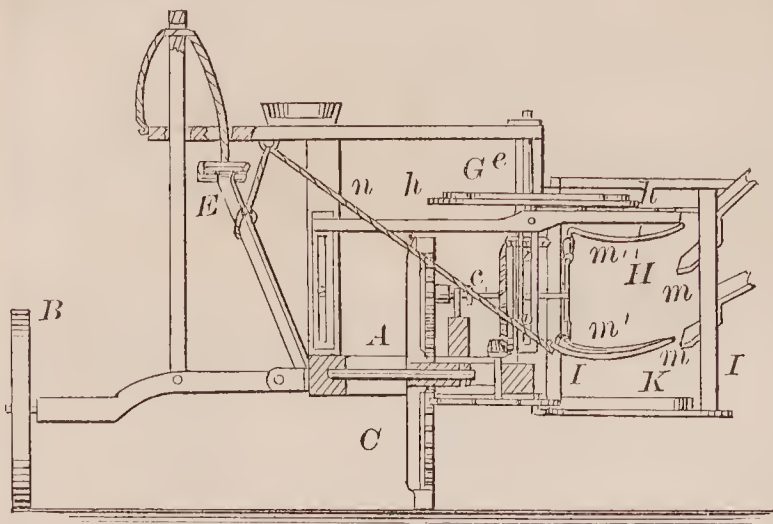
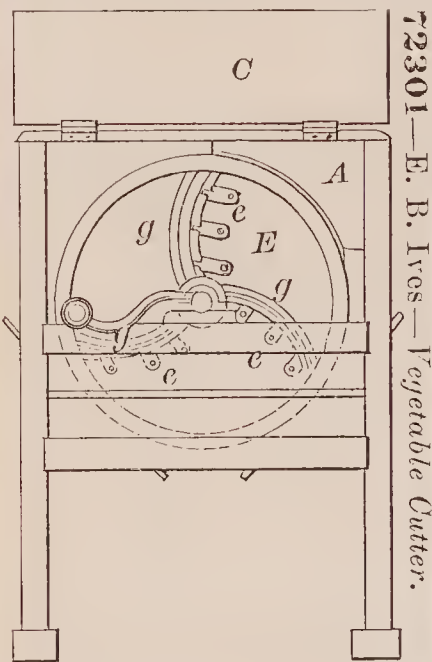
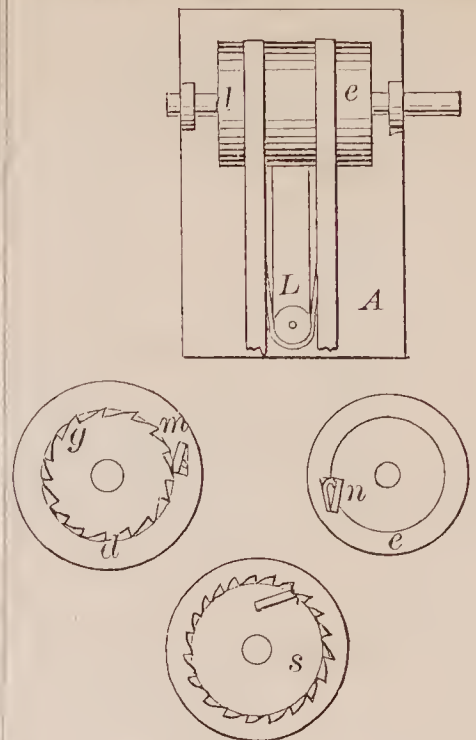
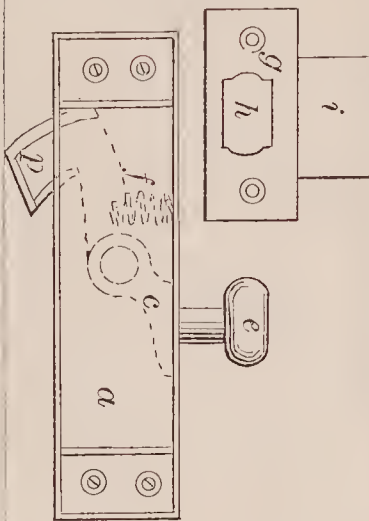
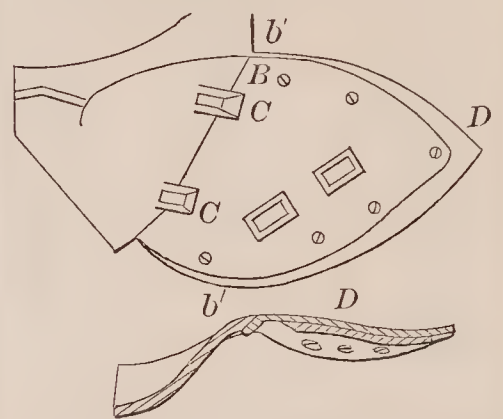
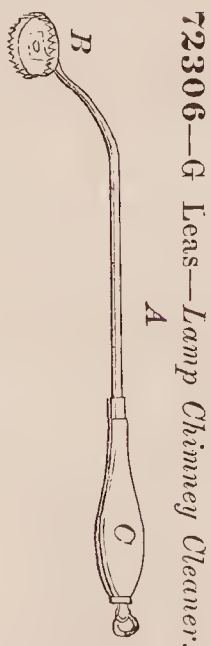
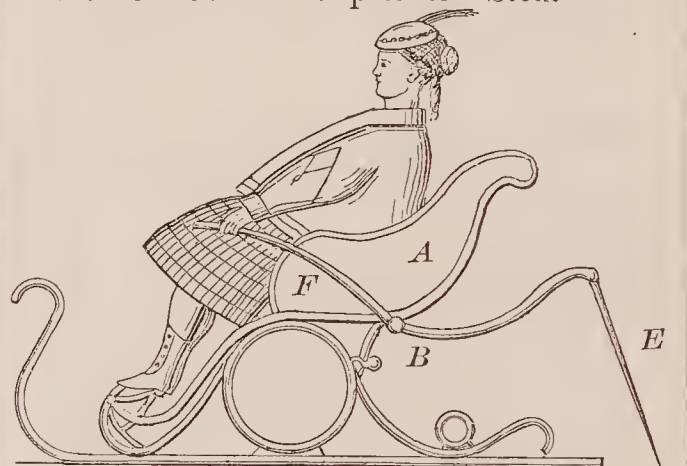
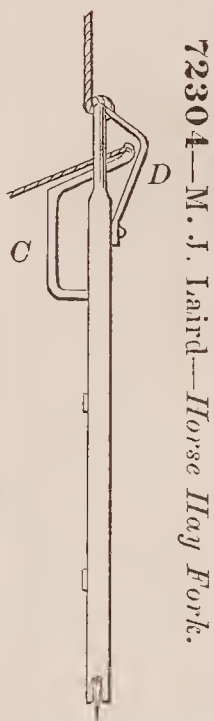
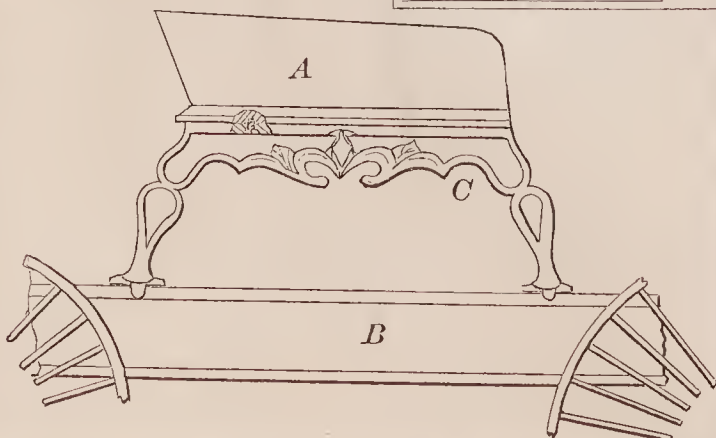
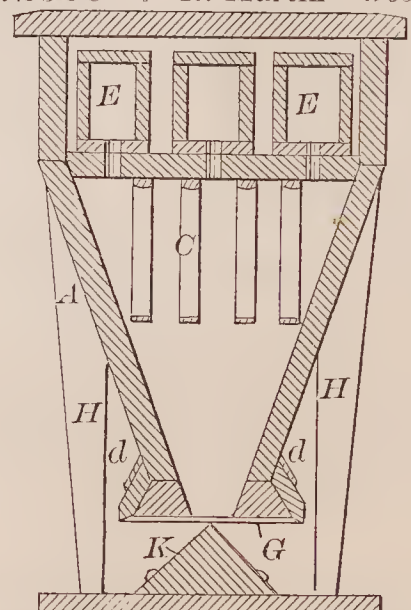
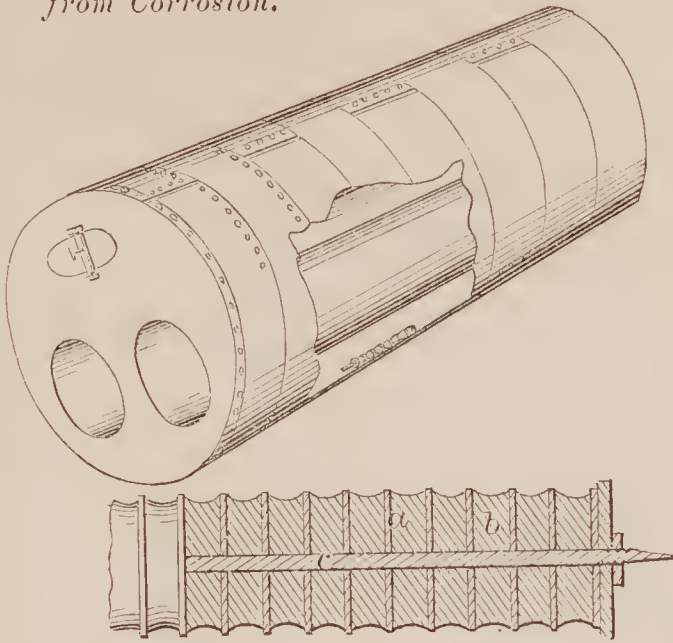


Fig. 2

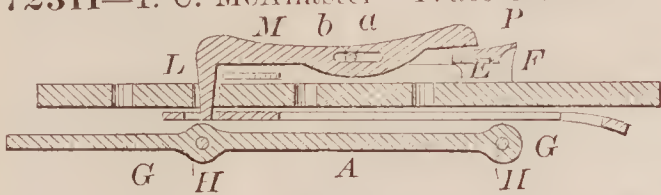
72286—J. S. Gochnauer—*Horse Hay Fork.*72290—M. Hall, Jr.—*Ash House.*72288—R. Gracey—*Bolt Heading Machine.*72289—E. V. W. Griffith—*Potato Digger.*72287—R. Gornall—*Valve for Boiler Feeders.*72291—L. Heywood—*For Splitting Rattan.*

72299—J. W. Hull—*For Trimming Hedges.*72300—E. Hutson—*Foot Power*72301—E. B. Ives—*Vegetable Cutter.*72302—C. C. Jones—*Door Bolt.*72305—S. J. Leach—*Plow.*72303—G. F. Krollpfeiffer—*Sled.*72306—G. Leas—*Lamp Chimney Cleaner.*72304—M. J. Laird—*Horse Hay Fork.*72307—J. R. D. V. Linton—*Vehicle Seat.*72308—J. R. Martin—*Beehive.*

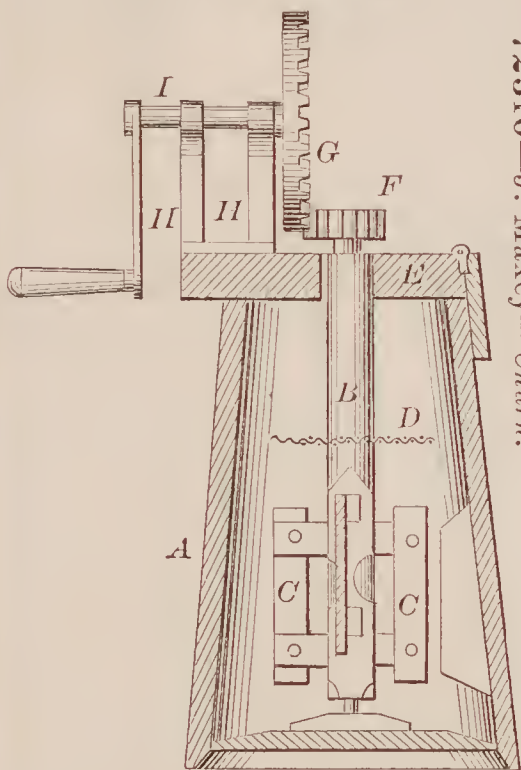
72309—D. Matthew—*Protecting Steam Boilers from Corrosion.*



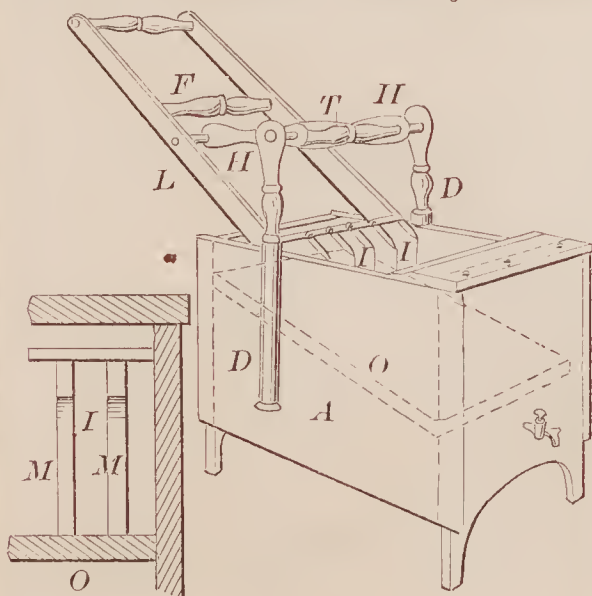
72311—I. C. McAllaster—*Trace Fastener.*



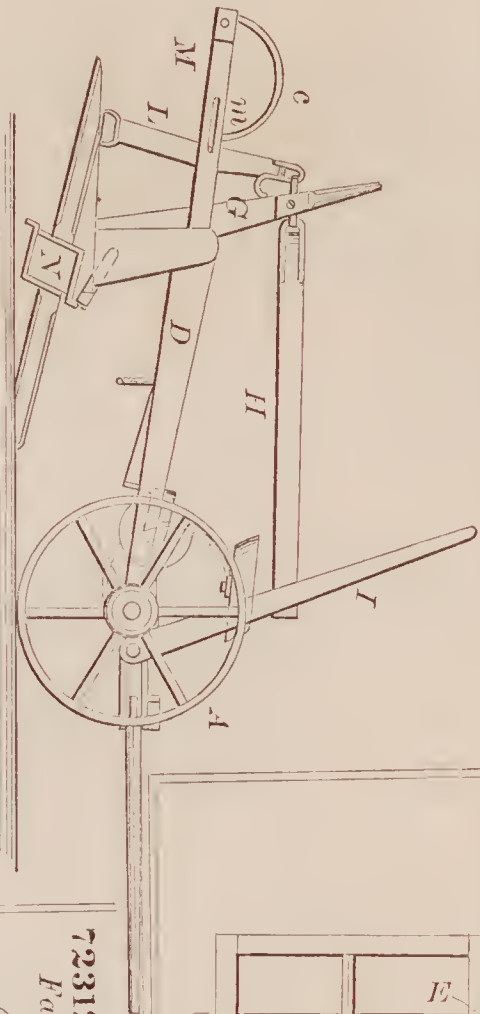
72310—J. Maxey—*Churn.*



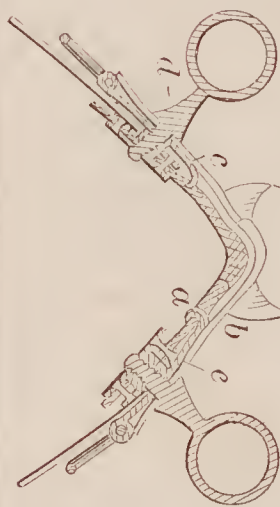
72316—J. Mitchell—*Washing Machine.*



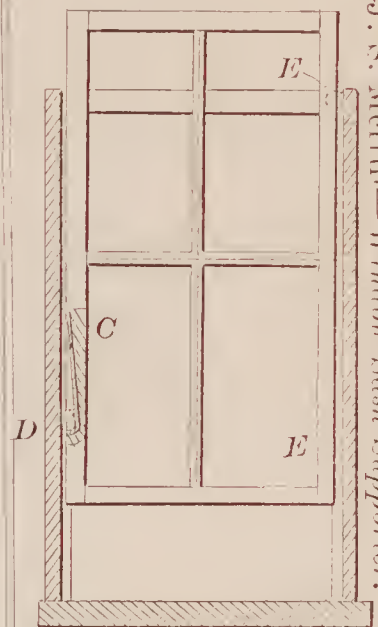
72315—M. Miles—*Horse Rake.*



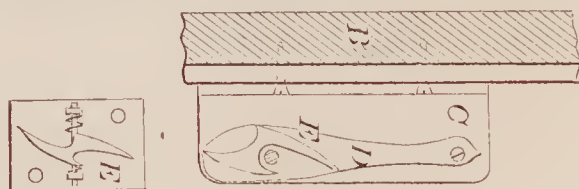
72312—D. L. McGregor—*Back Band Fastener.*



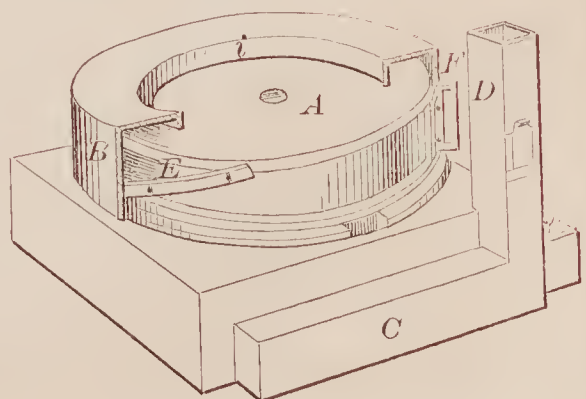
72314—J. S. Merrill—*Window Sash Supporter.*



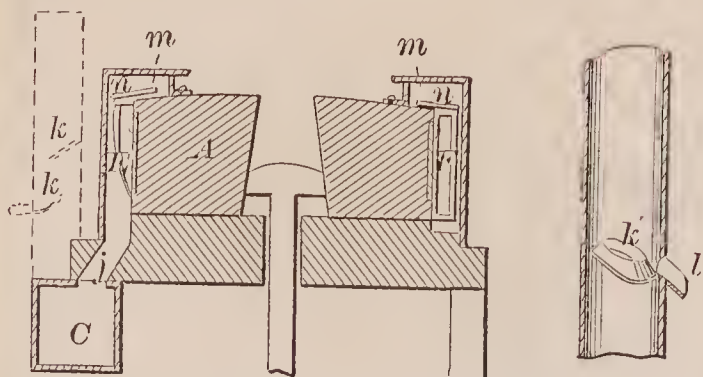
72313—J. N. McIntire—*Sash Stopper.*



72317—C. Moegling—*Flour Mill Ventilator.*



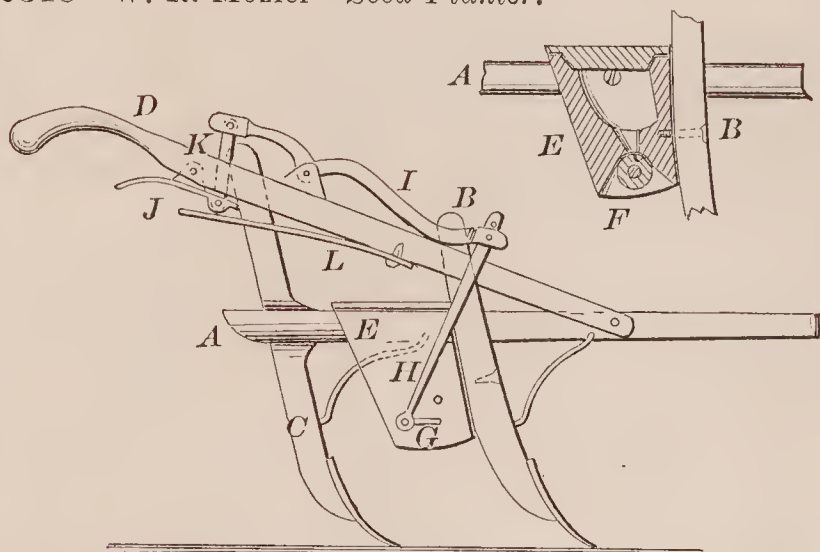
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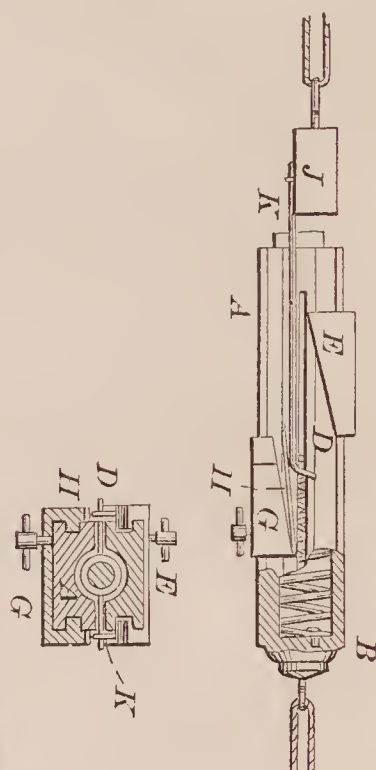
72324—W. Pauly—Comb.



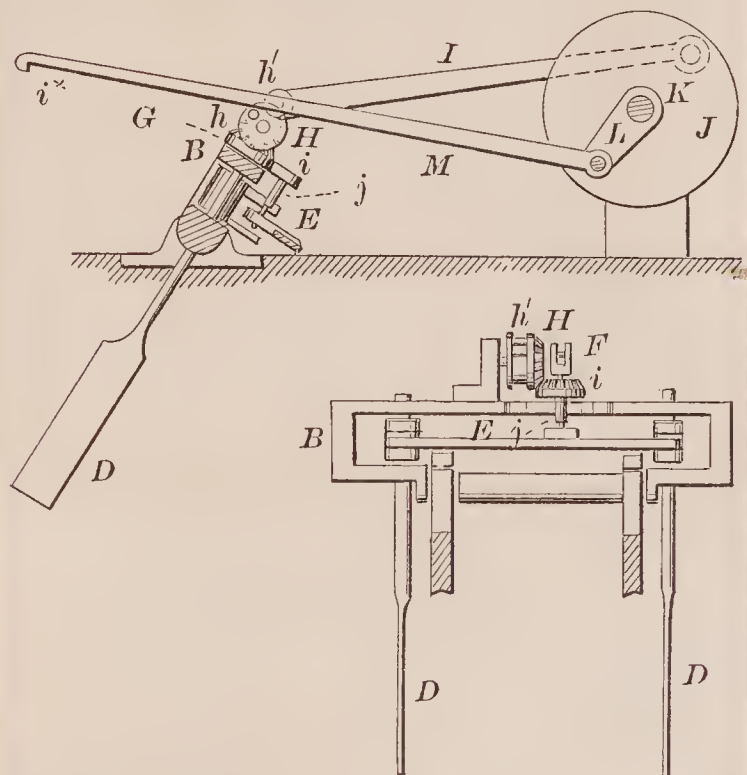
72318—W. R. Mozier—Seed Planter.



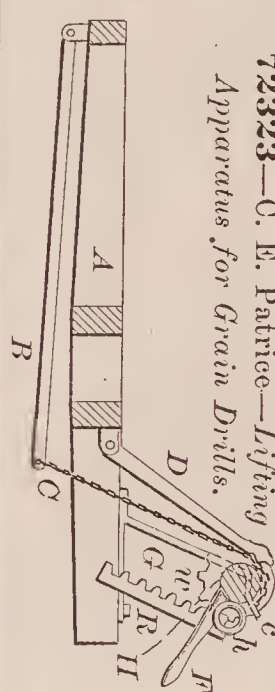
72320—F. G. Oehme—Sail Releasing Apparatus.



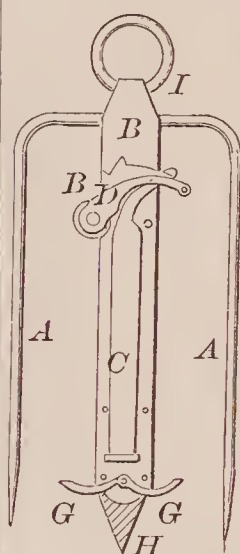
72319—N. Nolan—Propeller.



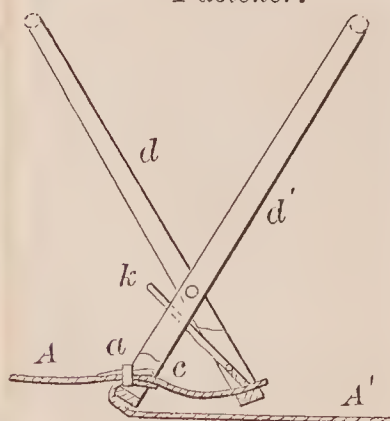
72323—C. E. Pattee—Lifting Apparatus for Grain Drills.



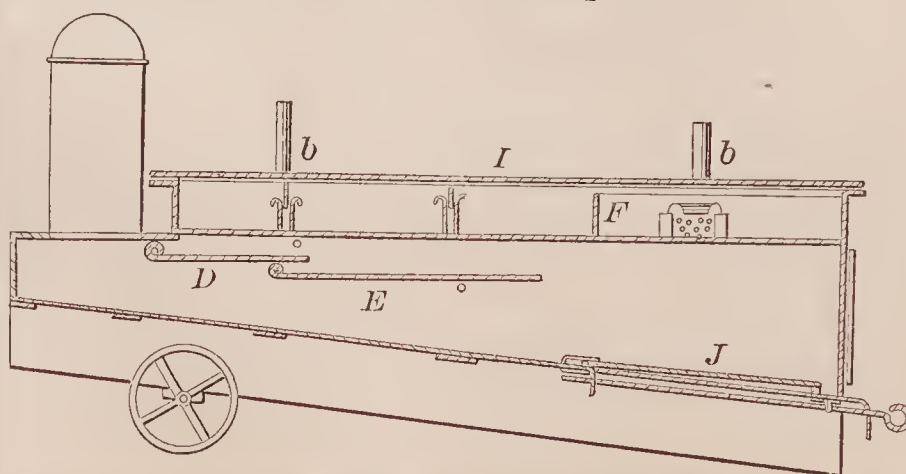
72321—S. Page—Horse Hay Fork.



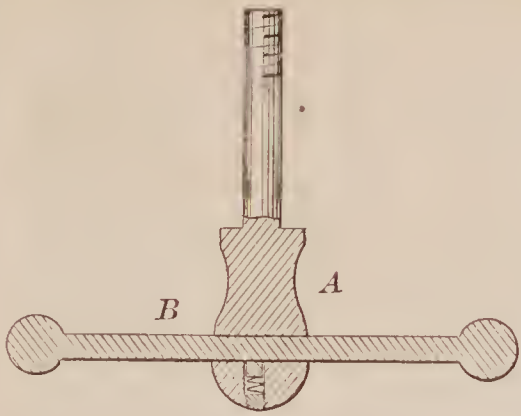
72325—C. O. Pike—Belt Fastener.



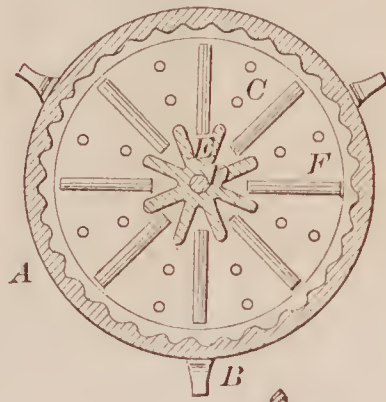
72326—H. A. Plumb—Portable Evaporator.



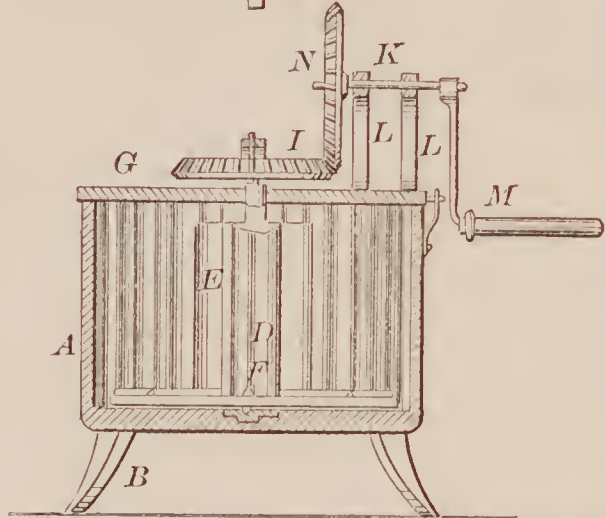
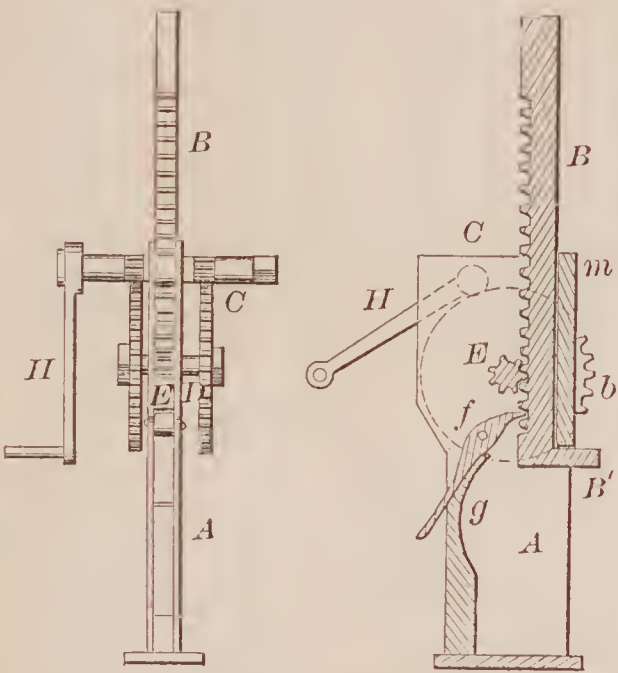
72327—H. K. & T. W. Porter—*Vise.*



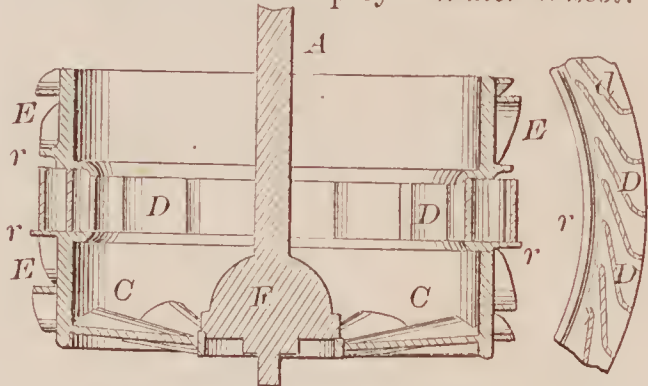
72328—Reneky & Keiss—*Washing Machine.*



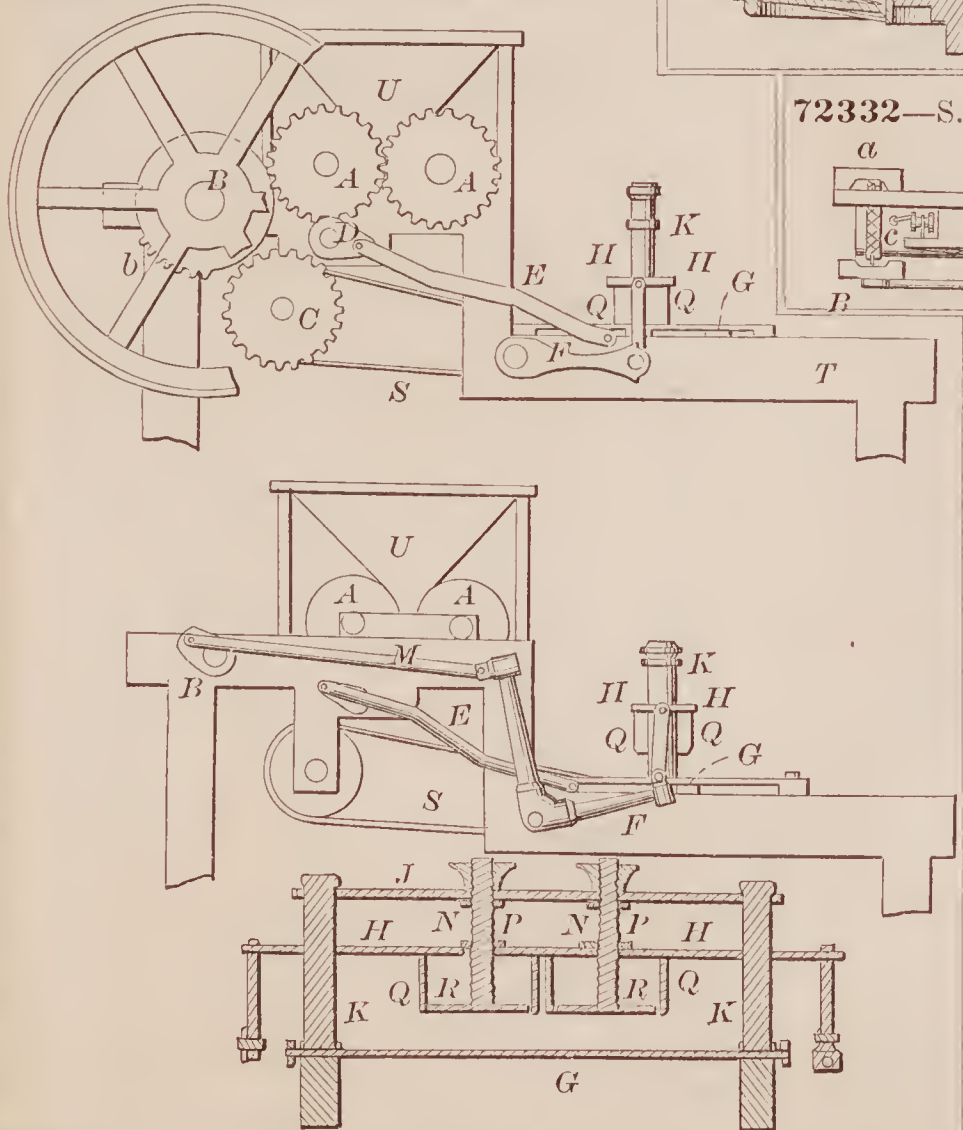
72329—S. B. Rittenhouse—*Hoisting Jack.*



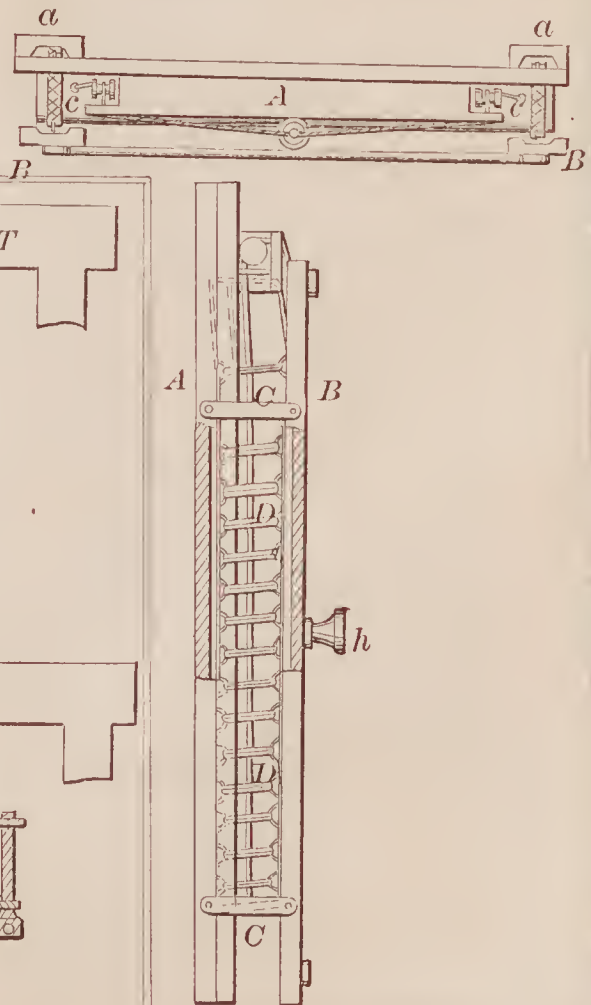
72331—H. W. Shipley—*Water Wheel.*



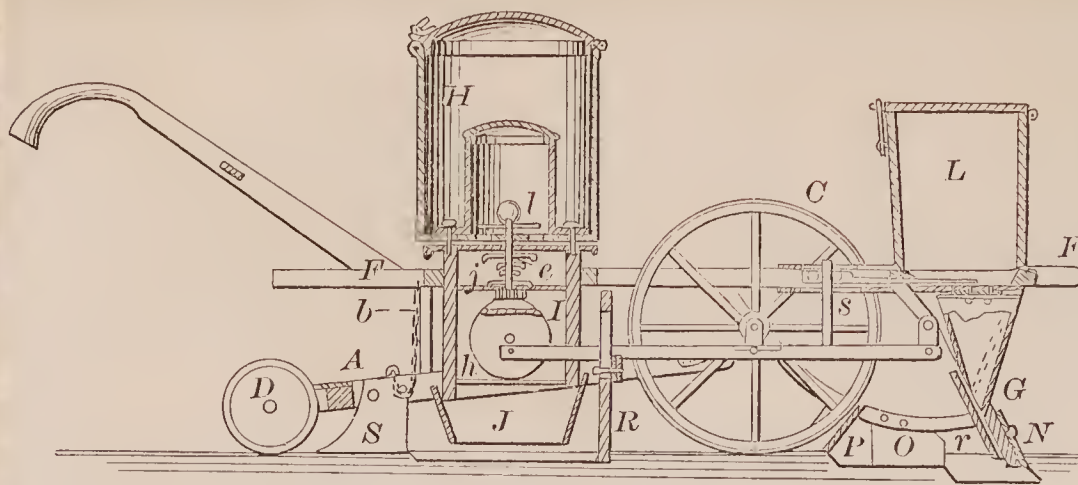
72330—W. F. Shanks—*Brick Machine.*



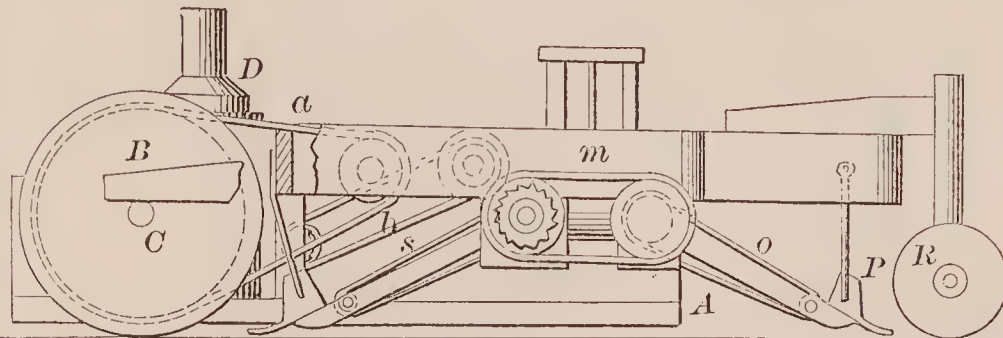
72332—S. W. Shorey—*Window Blind.*



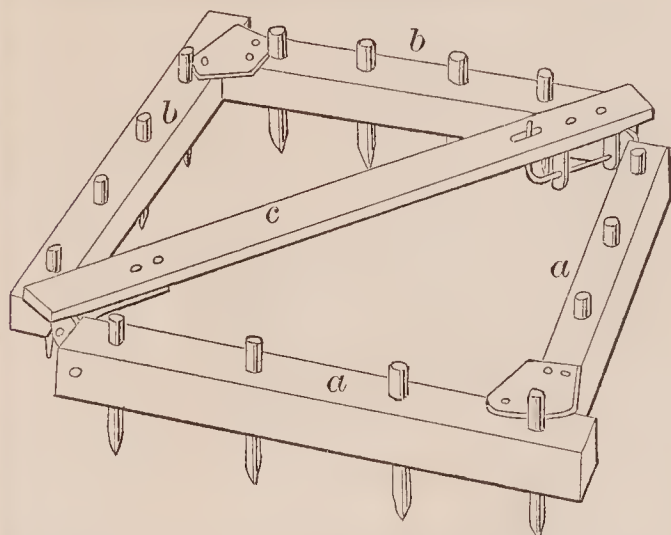
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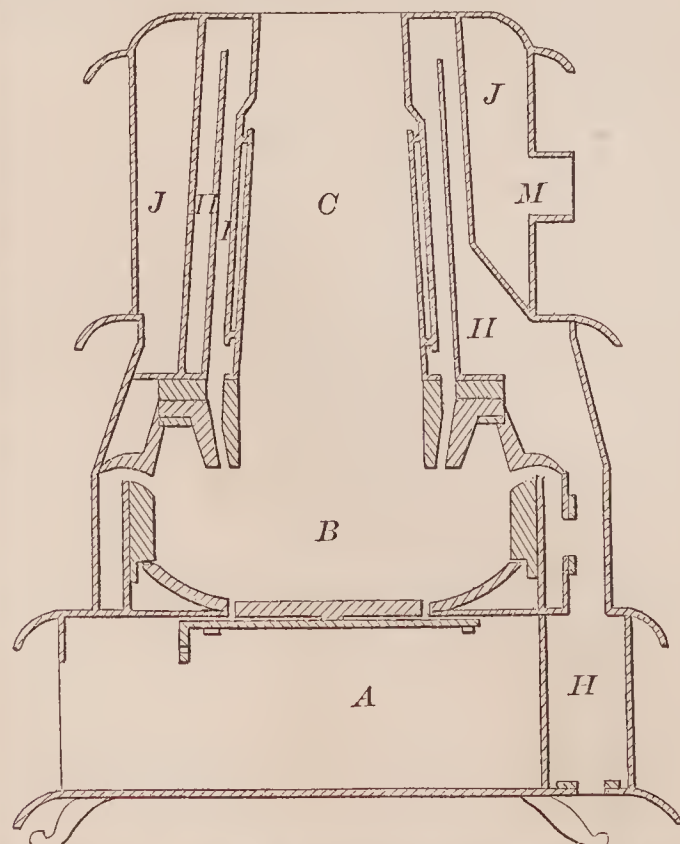
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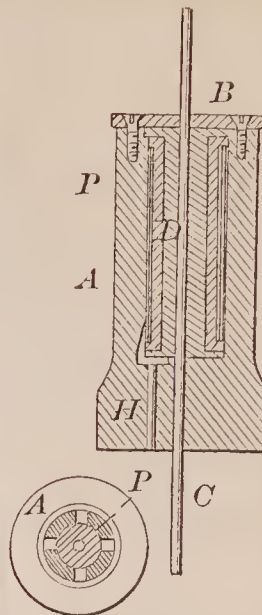
72334—N. Starr, Jr.—Harrow.



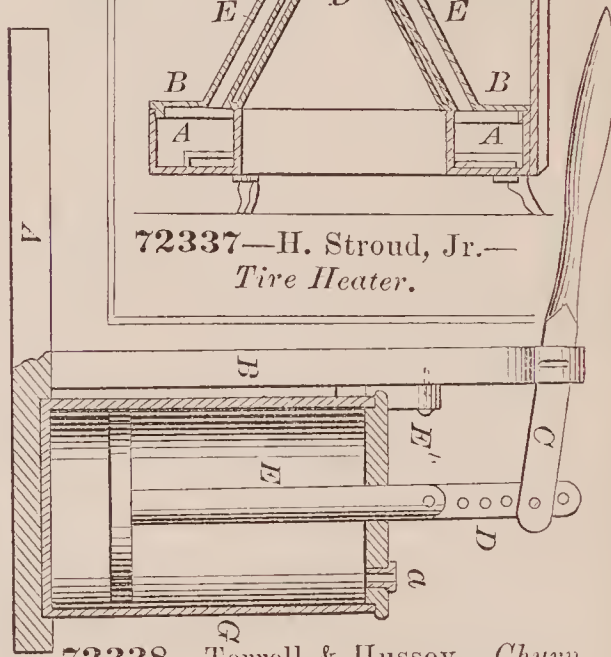
72339—J. Tiffany—Base Burning Stove.



72340—S. S. Turner—Piston Rod Packing.

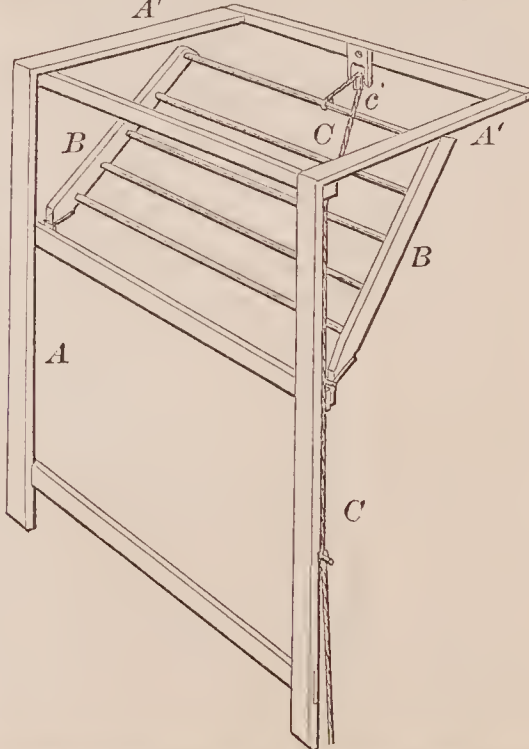


72337—H. Stroud, Jr.—Tire Heater.

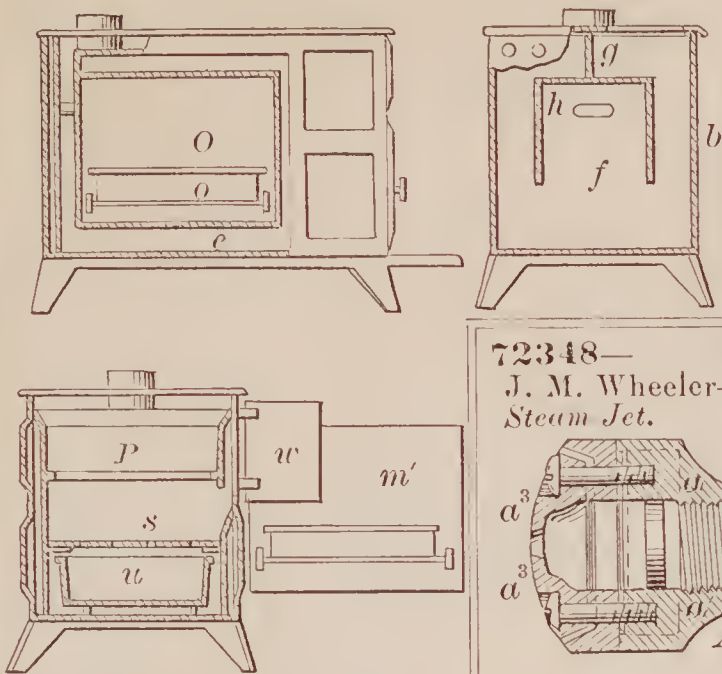


72338—Terrell & Hussey—Churn.

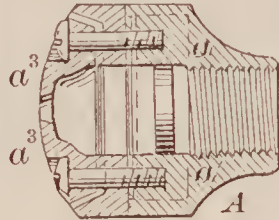
72341—J. Walker—Clothes Dryer.



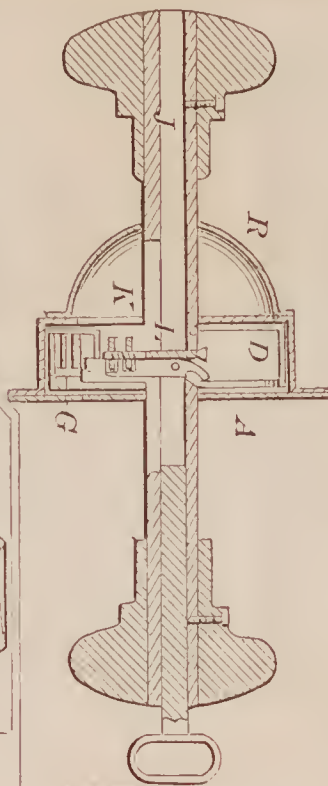
72342—G. W. Walker—*Cooking Stove.*



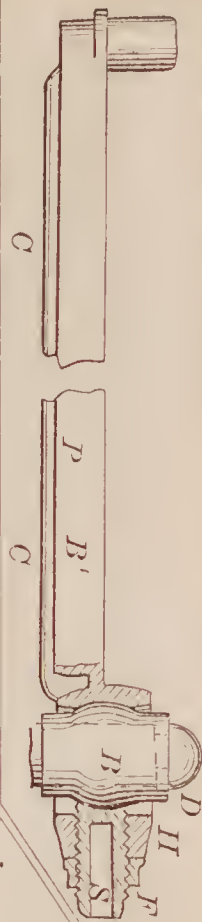
72348—
J. M. Wheeler—*Steam Jet.*



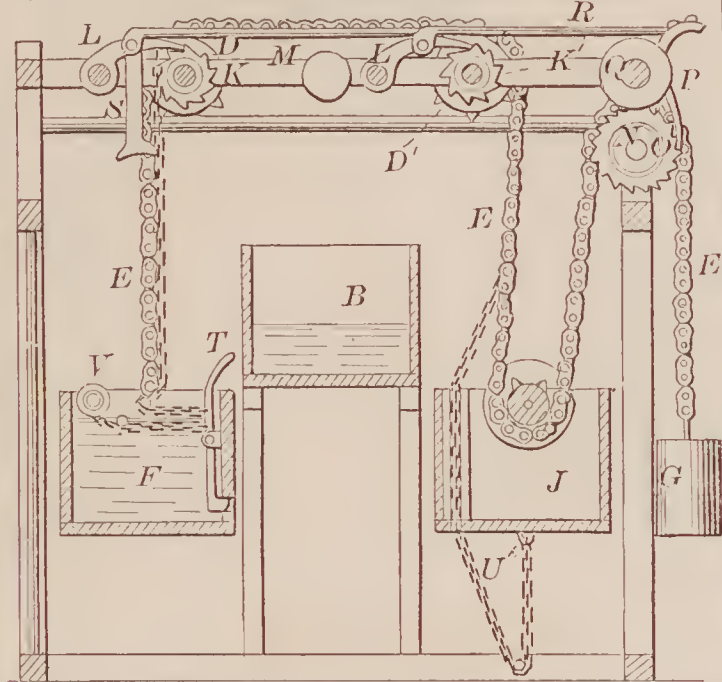
72347—J. Wertsbaugher—*Locking Knob Latch.*



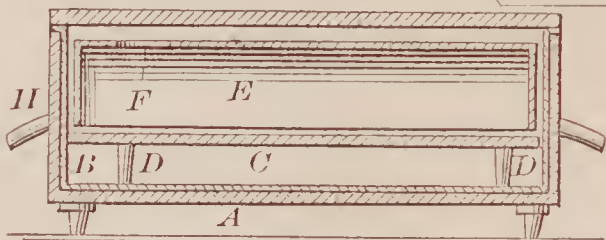
72344—T. Welch—*Pitman.*



72343—P. Week—*Tidal Water Elevator.*

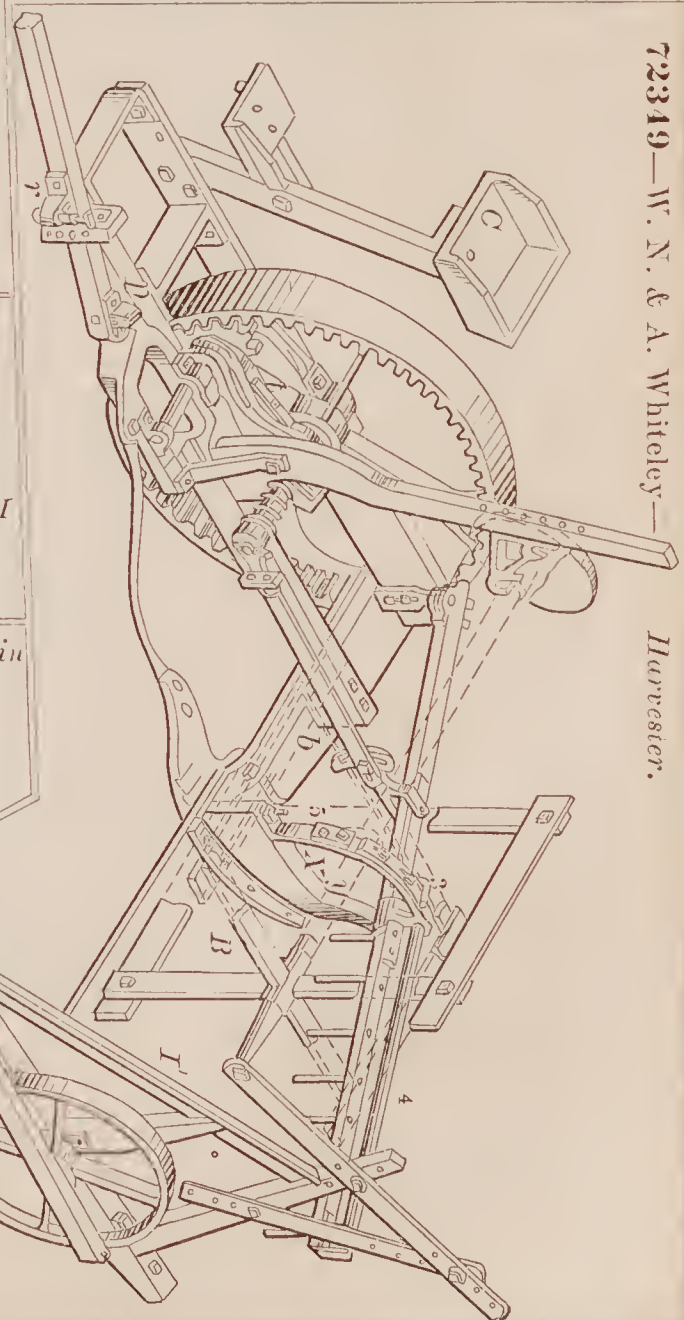


72346—P. Windhiser—*Box For Preserving Corpses.*

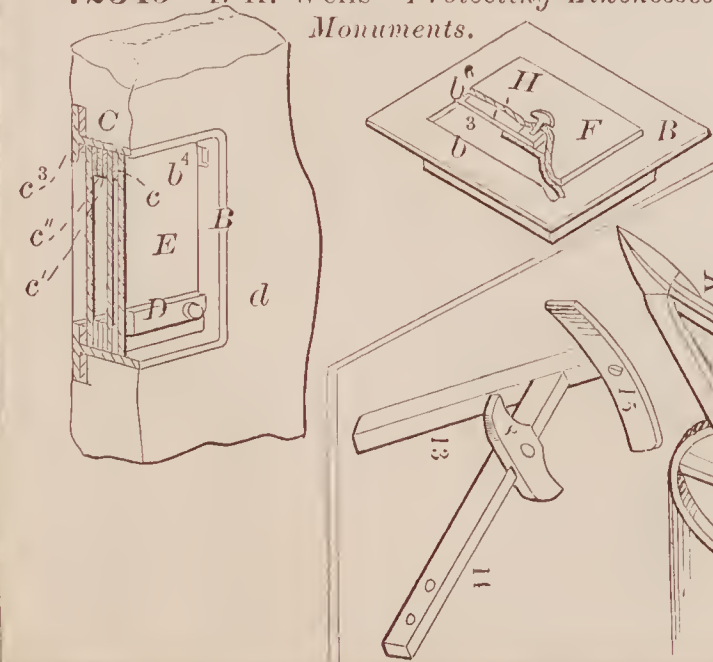


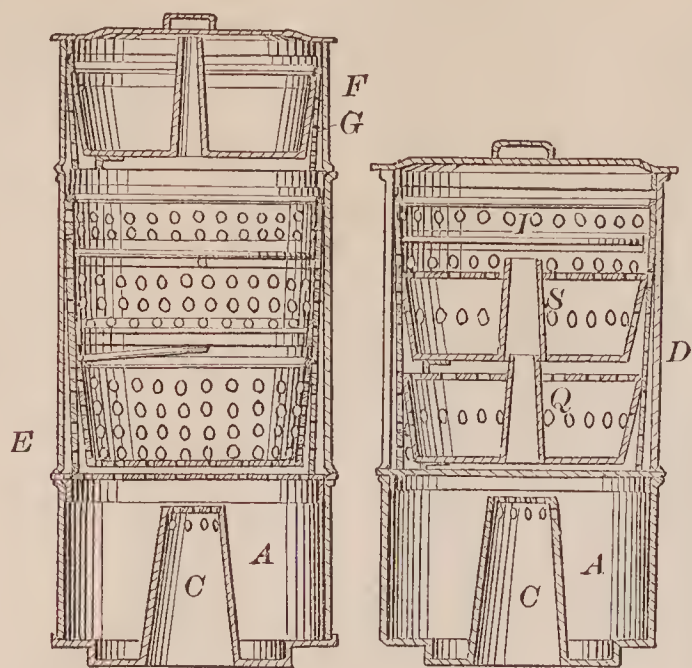
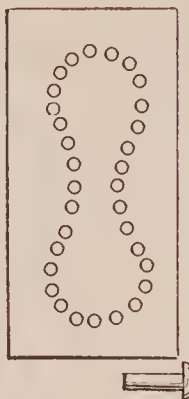
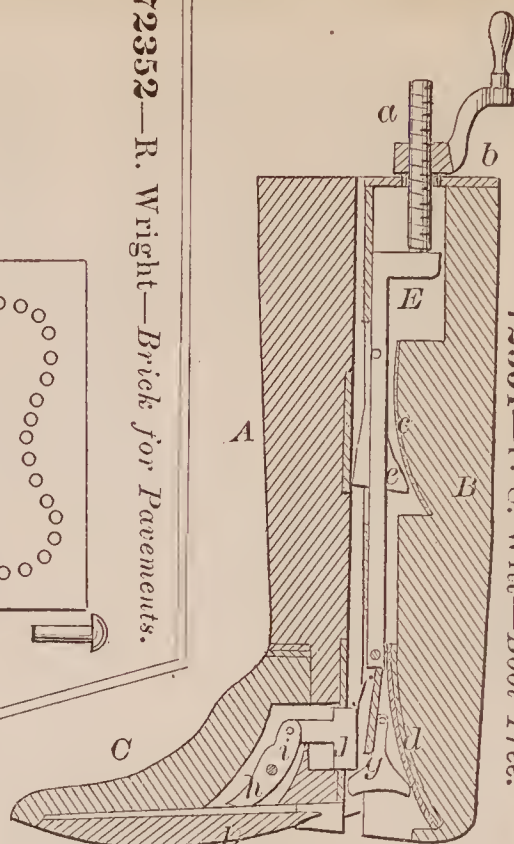
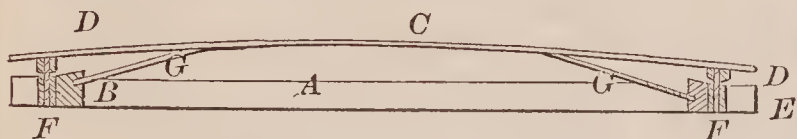
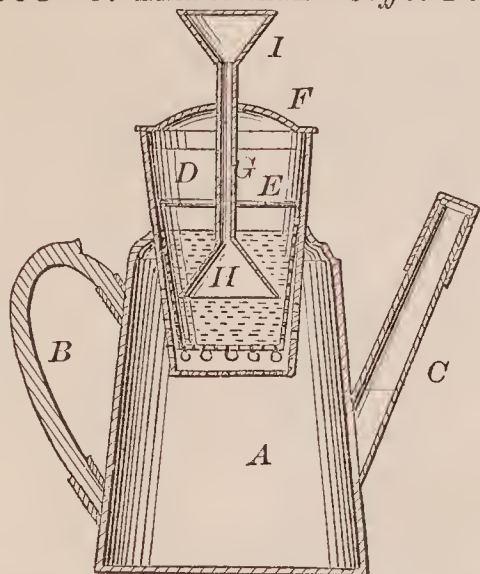
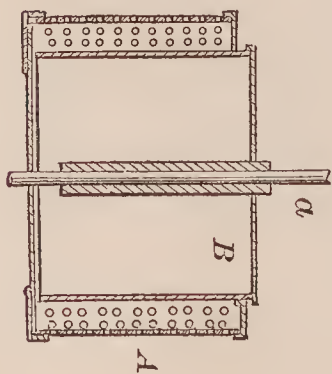
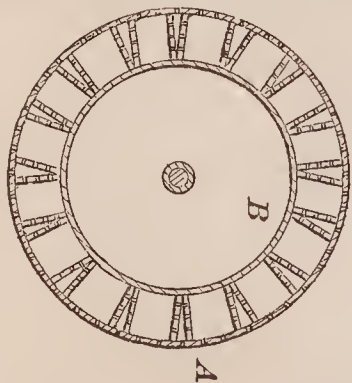
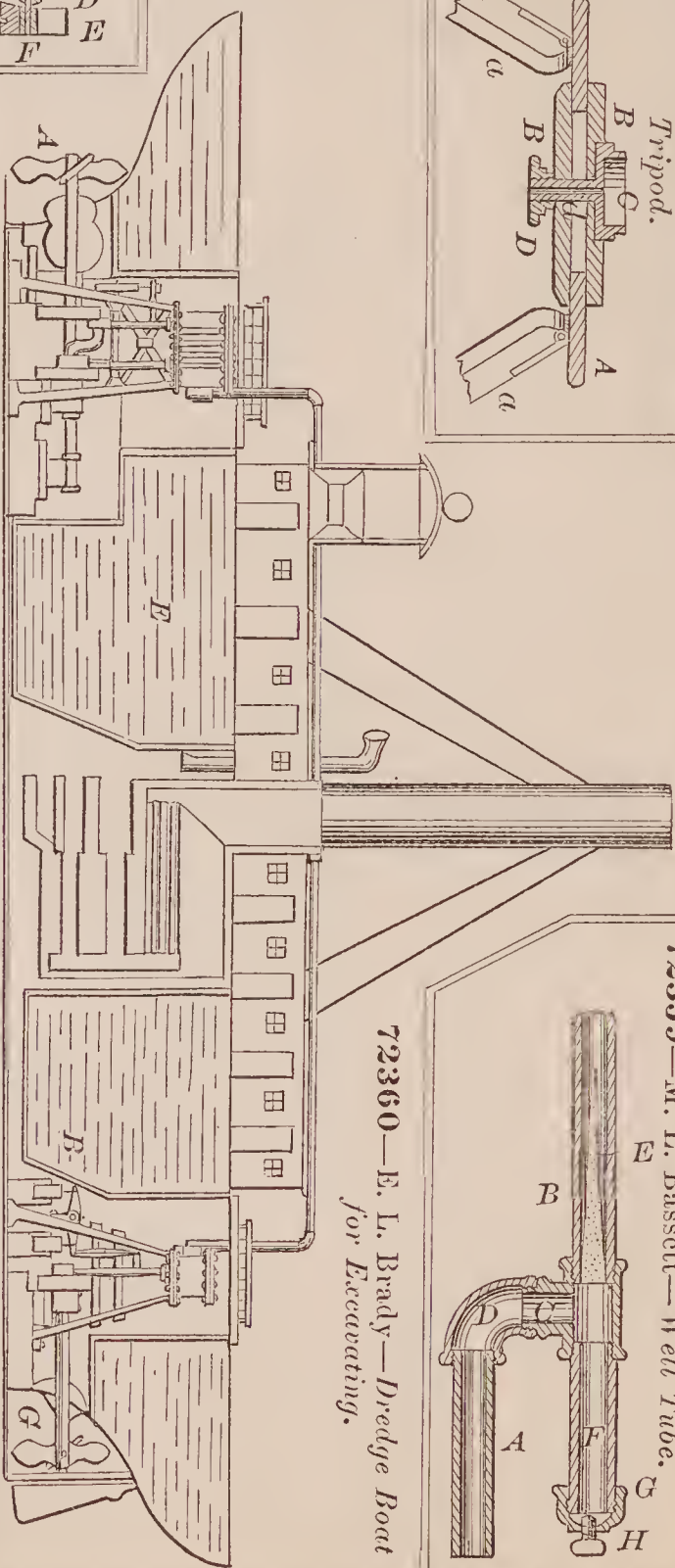
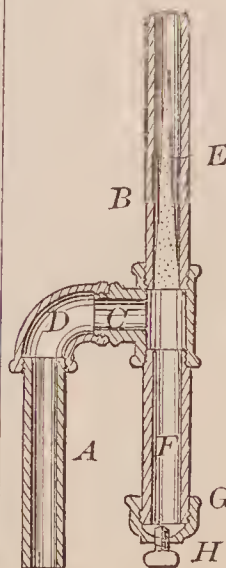
72349—W. N. & A. Whiteley—

Harvester.

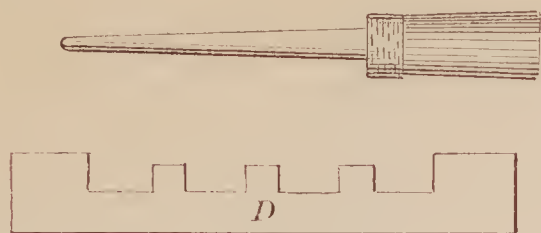


72345—L. H. Wells—*Protecting Likenesses in Monuments.*

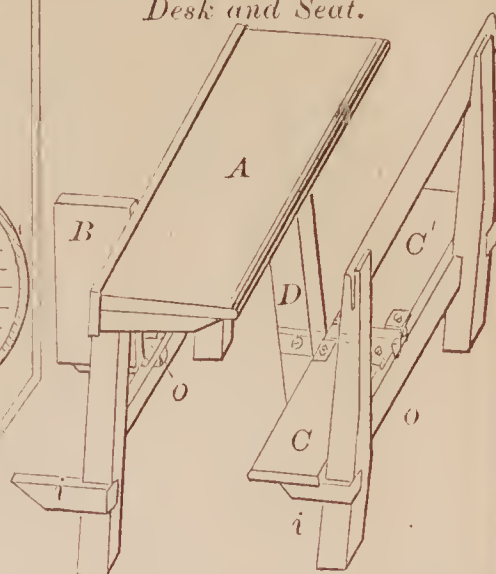


72354—J. Zimmerman—*Culinary Boiler.*72352—R. Wright—*Brick for Pavements.*72351—F. S. Witt—*Boot Tree.*72350—G. Widdecomb—*Spring Bed Bottom.*72353—J. Zimmerman—*Coffee Pot.*72358—J. W. Barlow—*Tripod.*72357—C. W. Baldwin—*For Preparing Peat.*72360—E. L. Brady—*Dredge Boat for Excavating.*72359—M. L. Bassett—*Well Tube.*

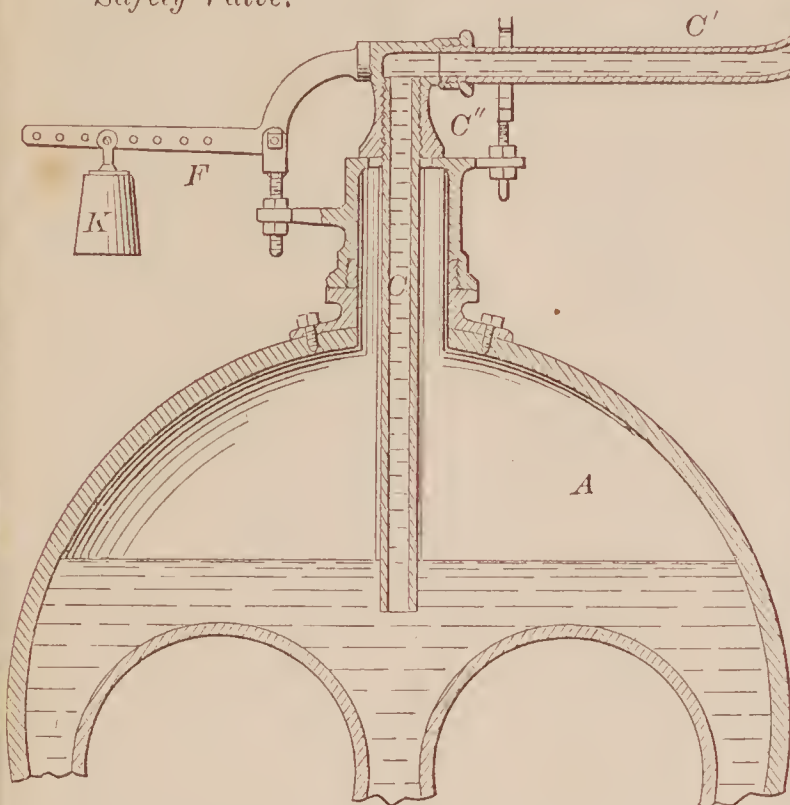
72364—J. F. Canning—*Binder for Paint Brushes.*



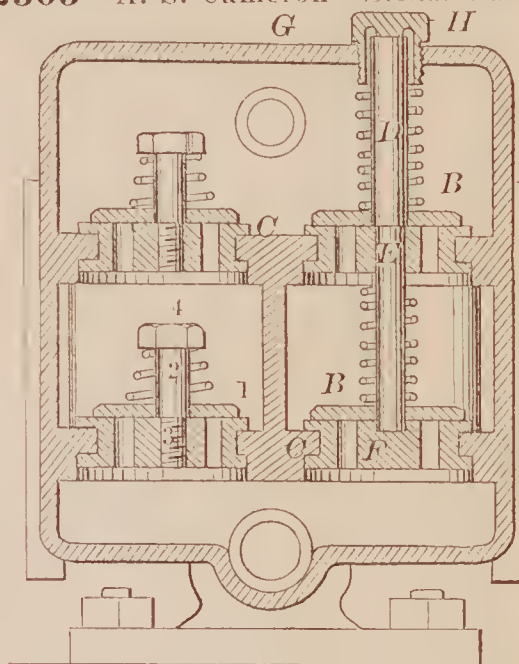
72367—C. T. Chase—*School Desk and Seat.*



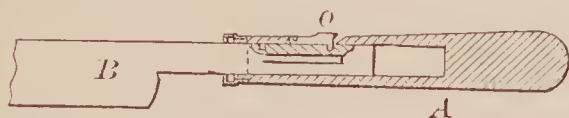
72361—C. Burley—*Low Water Indicator and Safety Valve.*



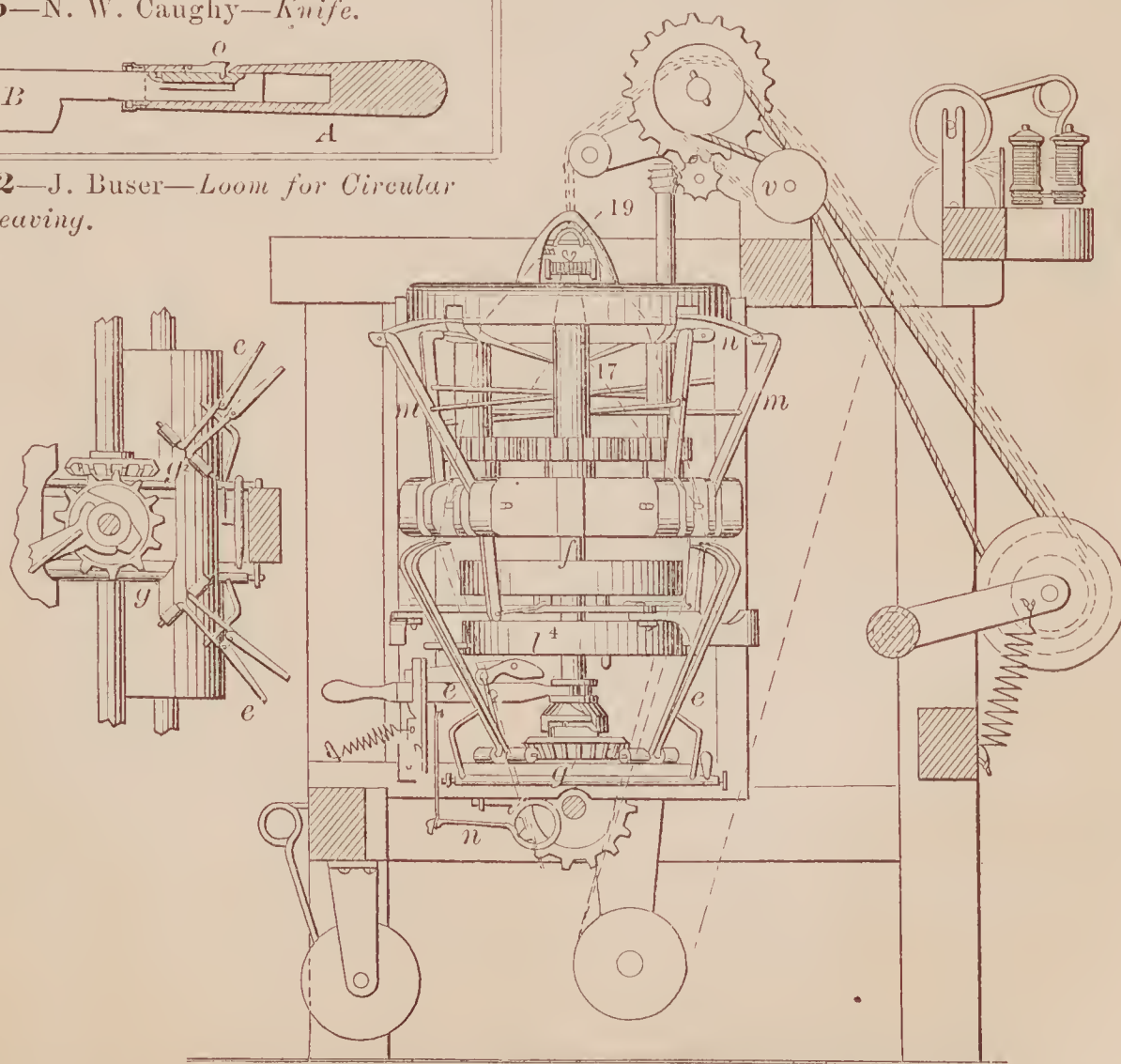
72363—A. S. Cameron—*Steam Pump.*

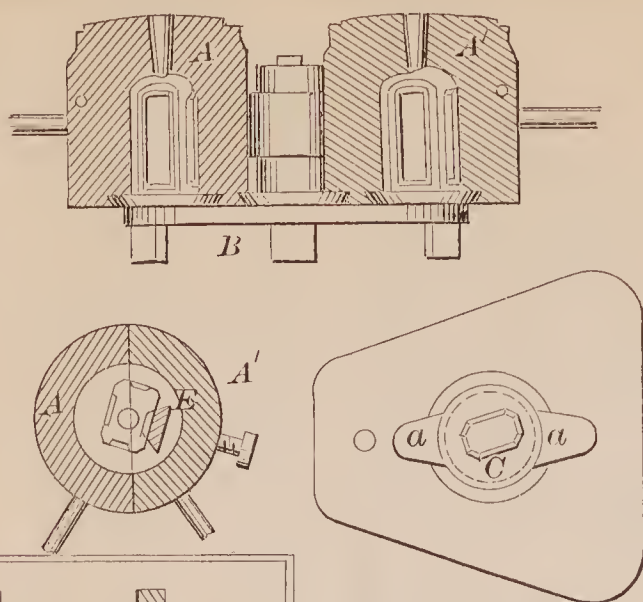
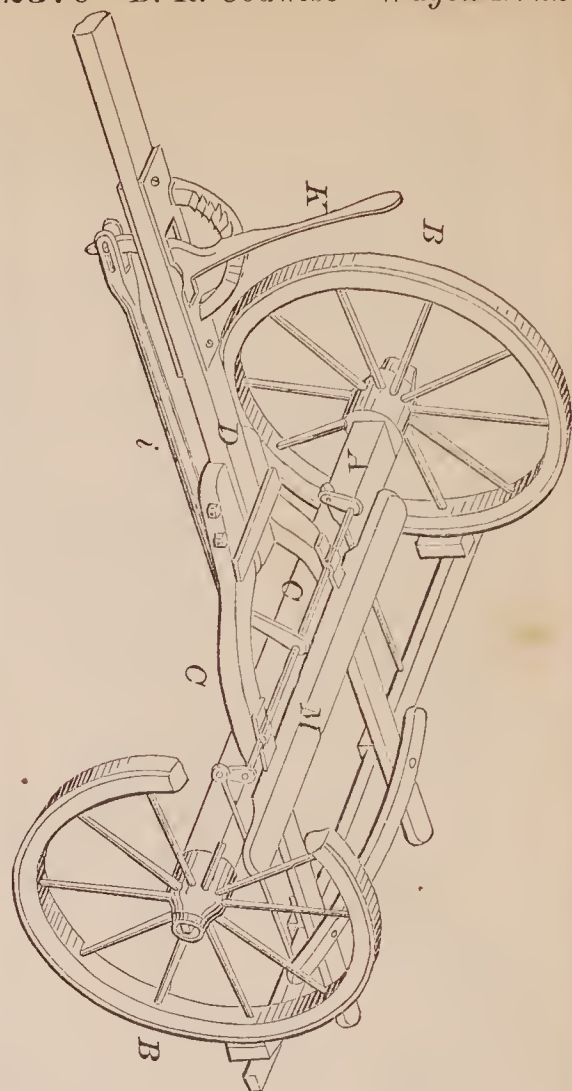
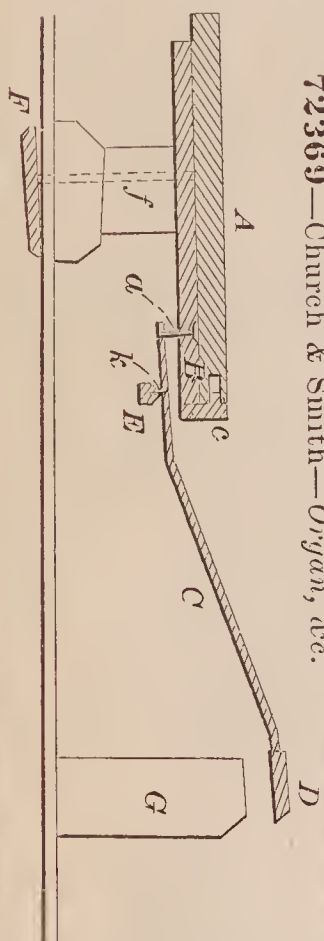
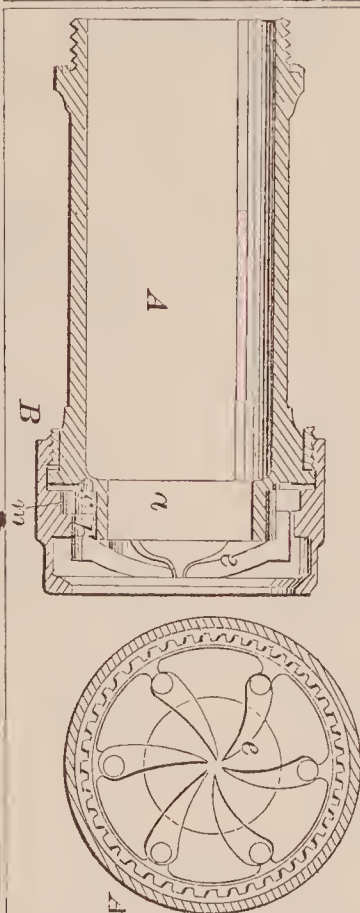
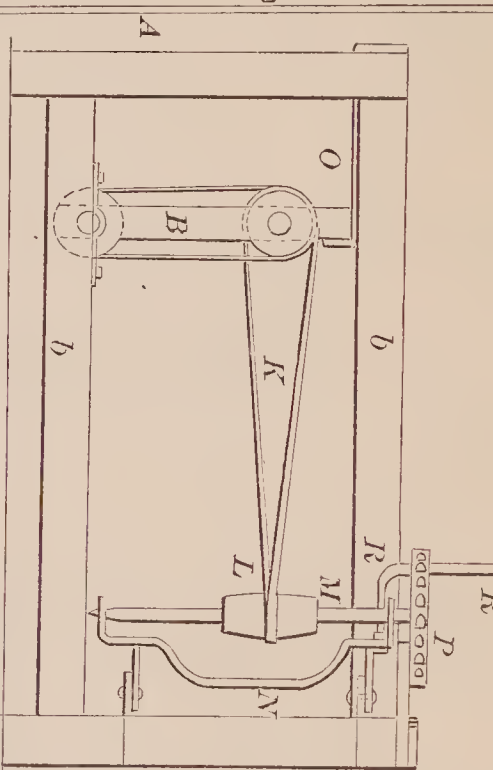
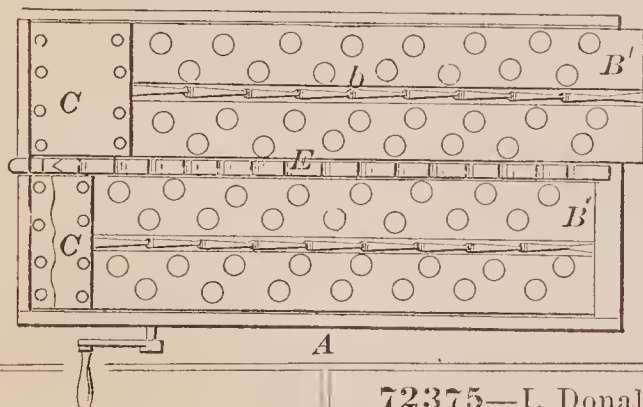
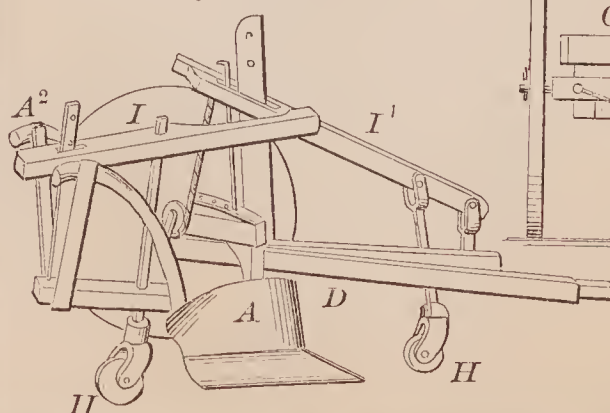
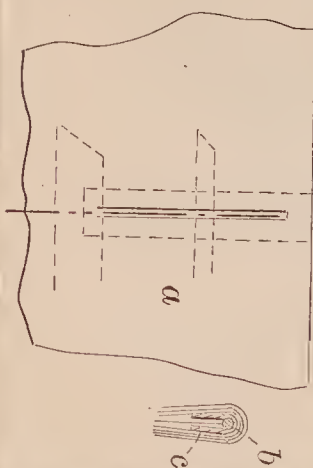


72365—N. W. Caughy—*Knife.*

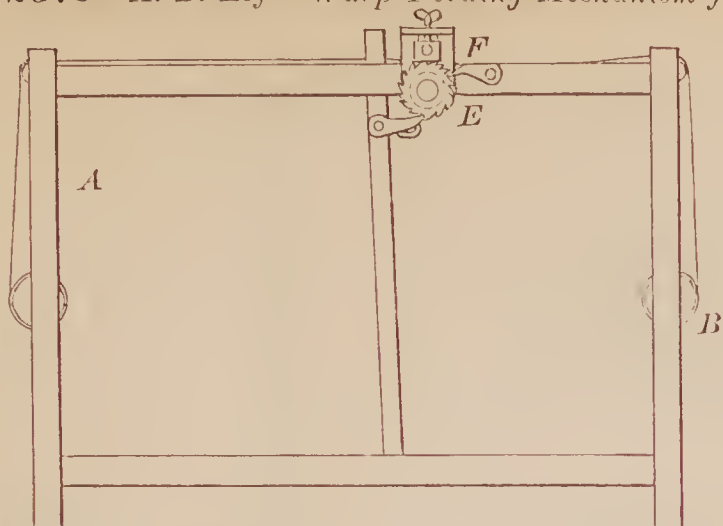


72362—J. Buser—*Loom for Circular Weaving.*

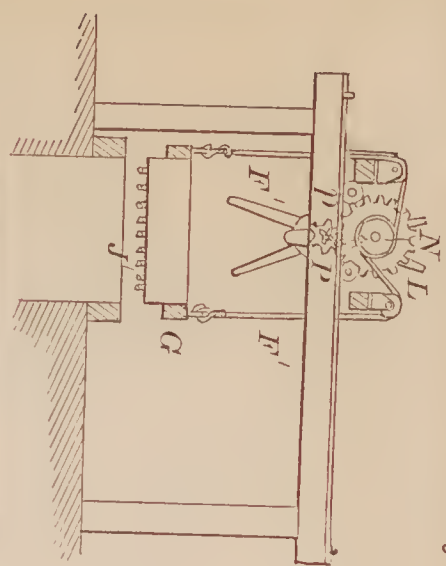


72368—J. J. Christie—*Glass Bottle Mould.*72370—B. R. Codwise—*Wagon Brake.*72369—Church & Smith—*Organ, &c.*72372—Curtis & Harris—*Hose Nozzle.*72371—E. Coffin—*For Rounding Corners of Slate Frames.*72374—L. H. Davis—*Grain and Straw Separator.*72375—I. Donaldson—*Sulky Plow.*72373—W. Daniels—*Binding Books.*

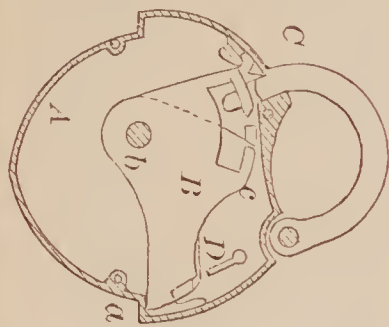
72379—A. B. Ely—*Warp-Feeding Mechanism for Looms.*



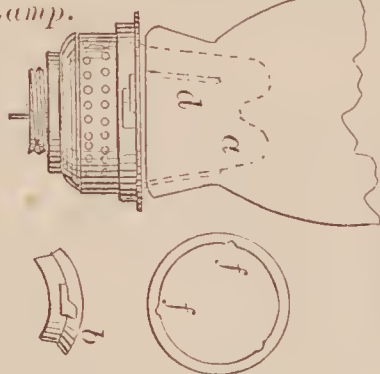
72381—C. N. Farnam—For Tanning.



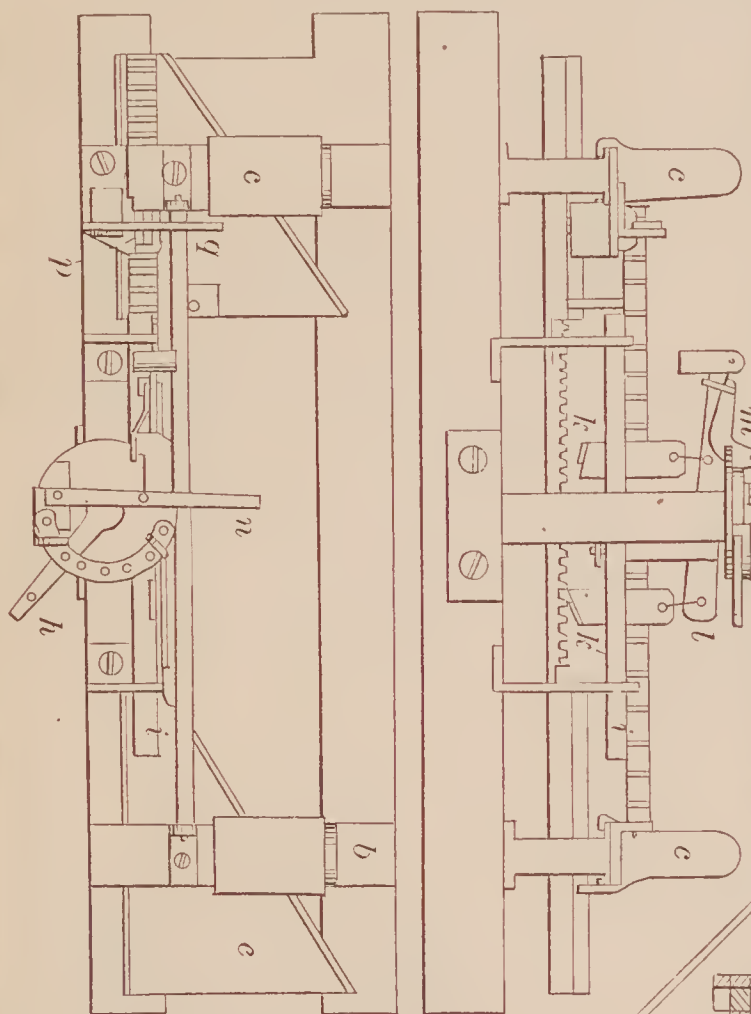
72378—H. Eiffler—
Padlock.



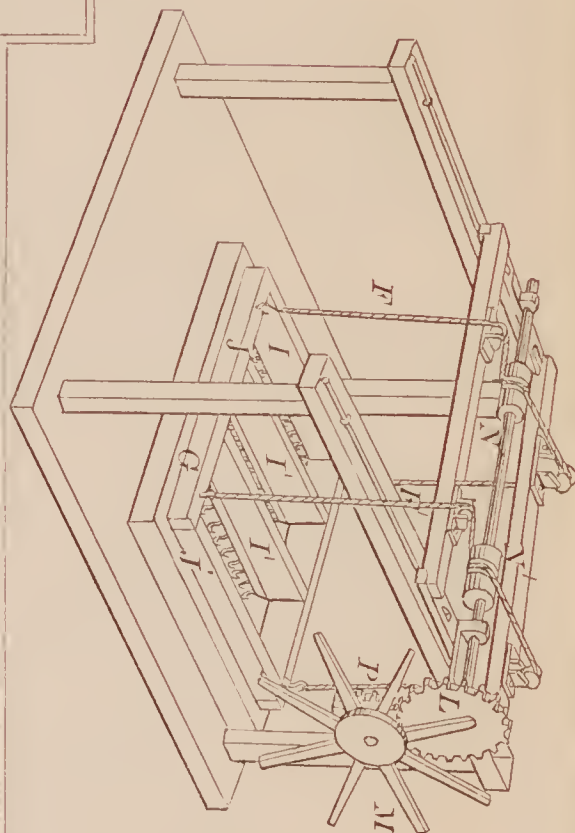
72376—Drake & Egginton—
Lamp.



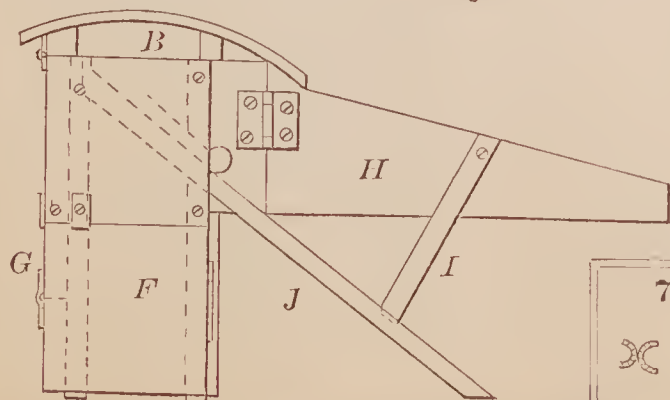
72380—C. K. Fly—Head Block Φ for Saw Mills.



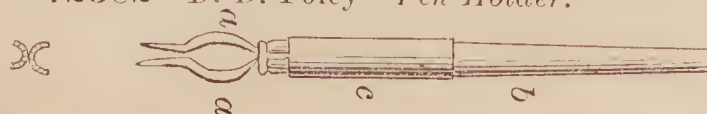
72377—D. Durfec—*Fruit Dryer.*

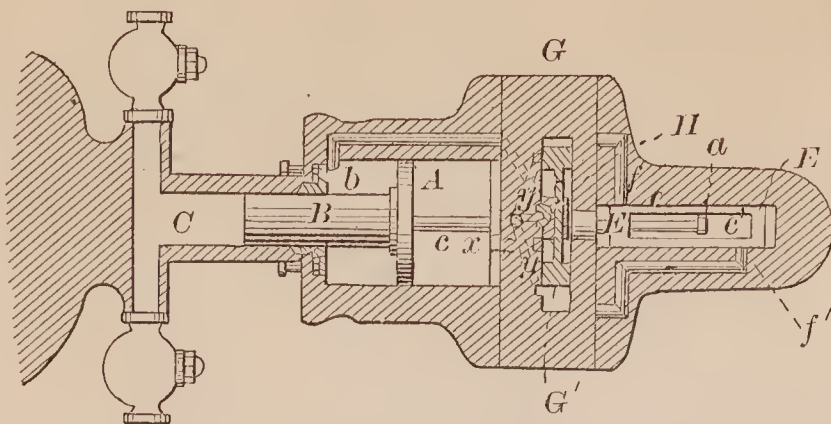
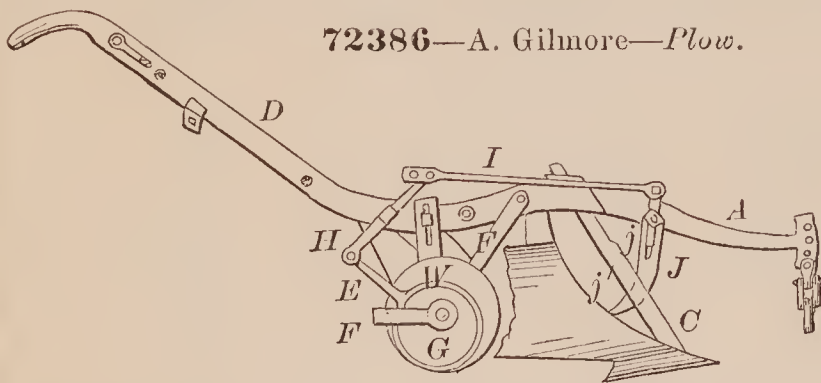
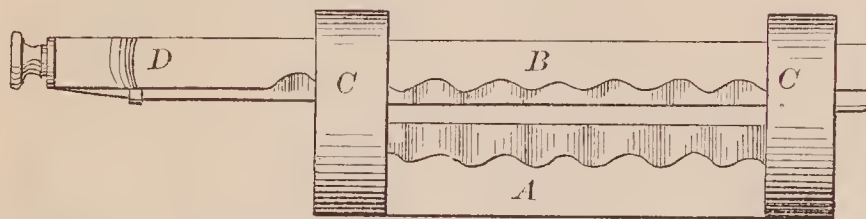
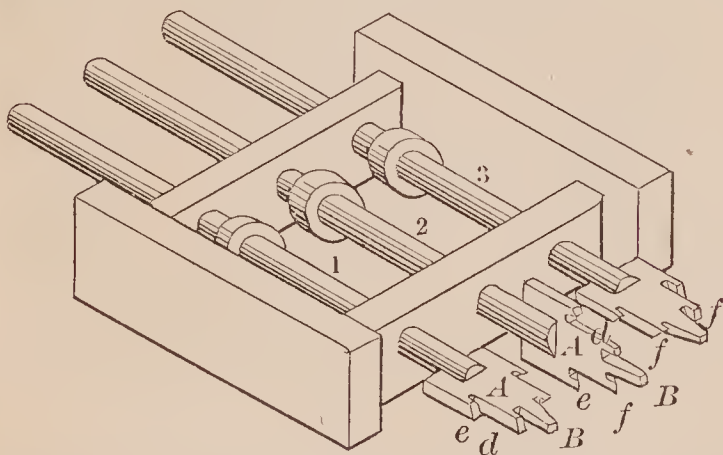
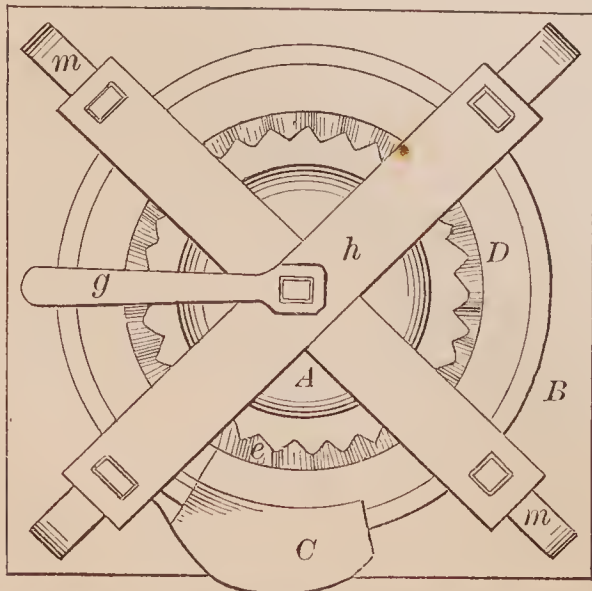
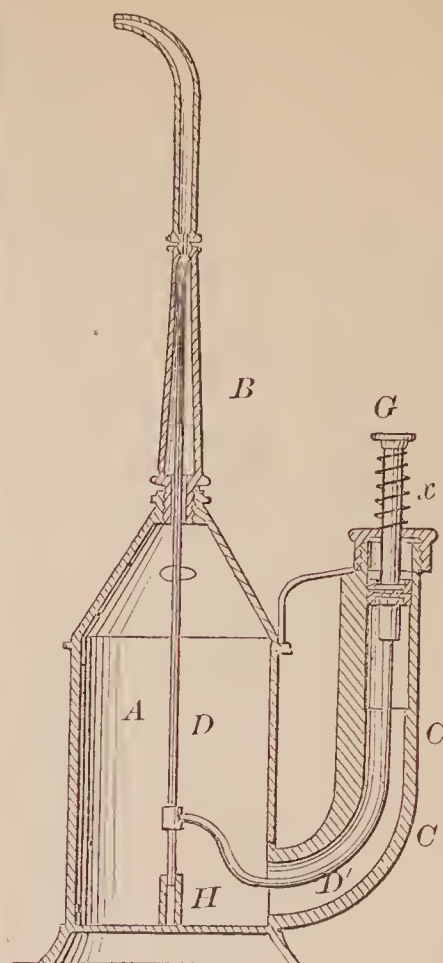
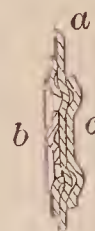
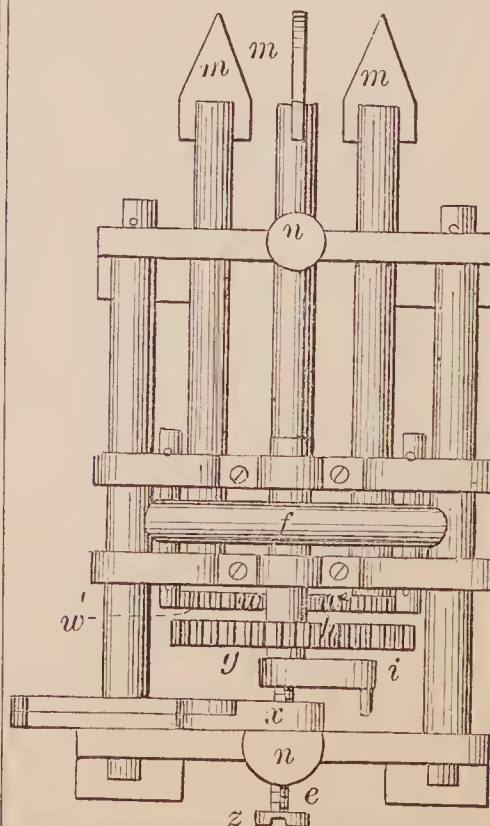


72377—D. Durfec—*Fruit Dryer.*

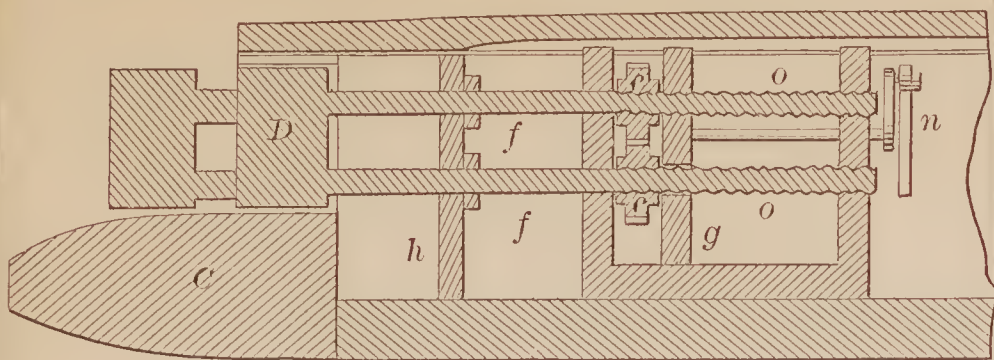


72382—D. D. Foley—*Pen Holder.*

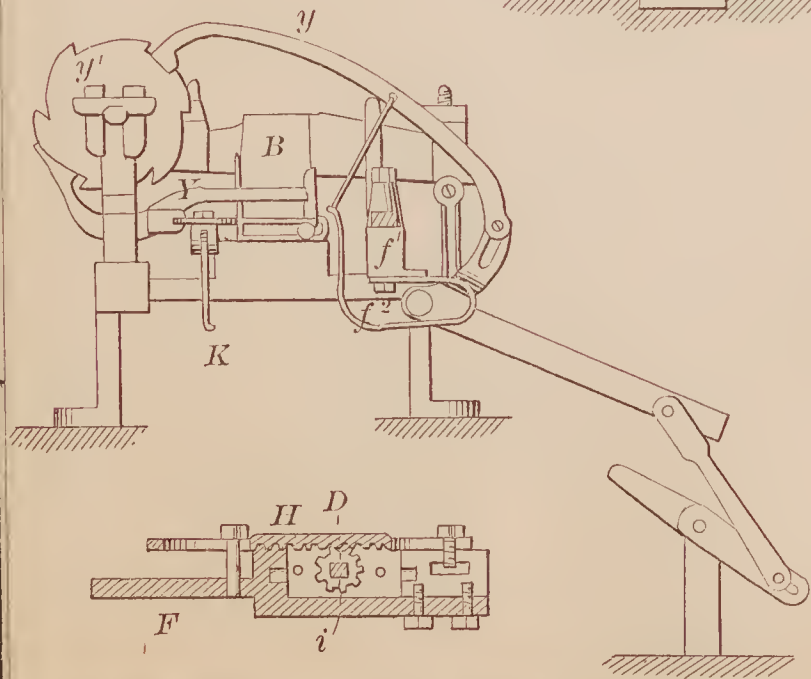
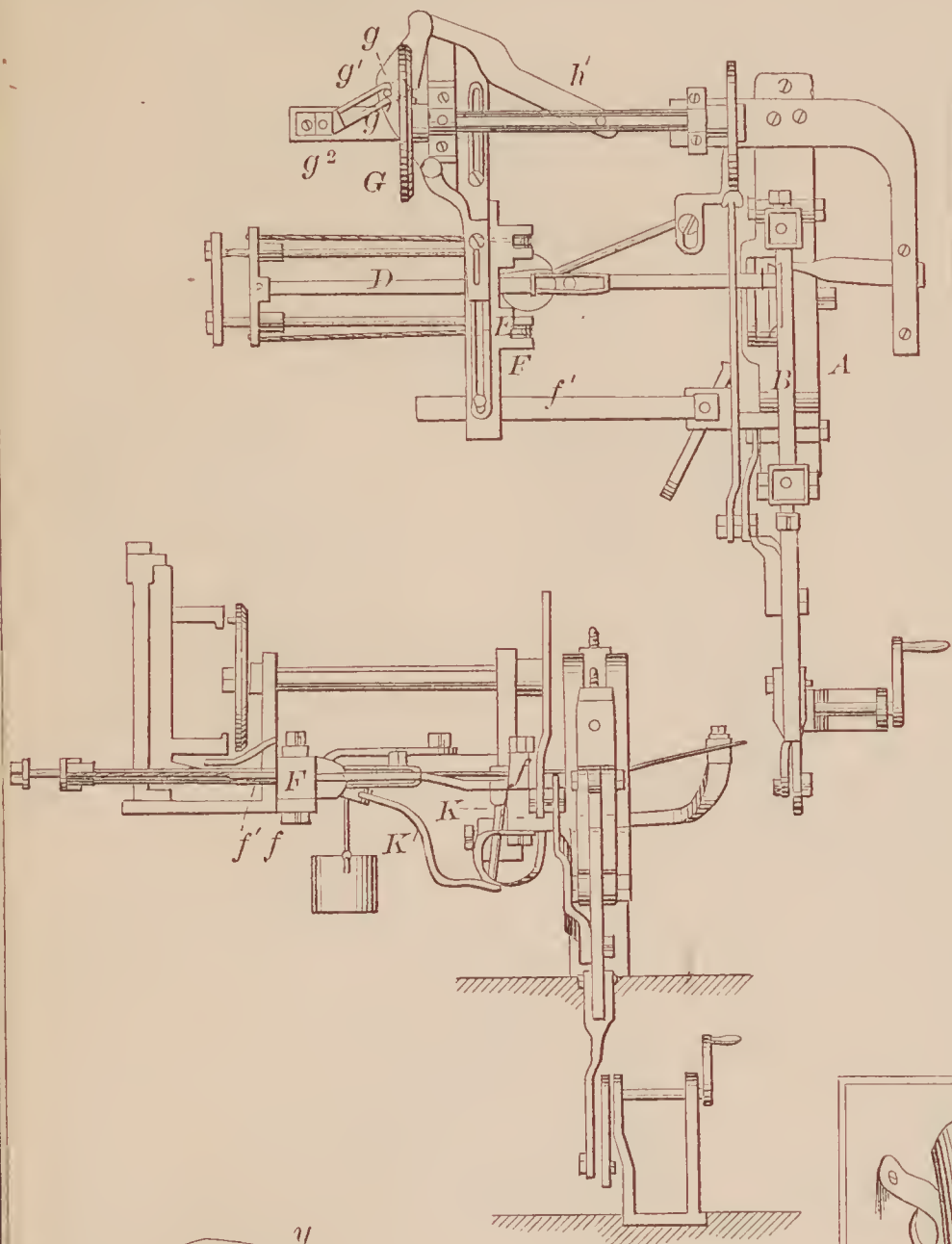


72383—Gardiner & Hyde—*Steam Pump.*72386—A. Gilmore—*Plow.*72387—S. Gissinger—*For Squeezing Puddled Iron.*72389—S. Gissinger—*Coal Boring Bit.*72388—S. Gissinger—*For Squeezing Puddled Iron.*72384—J. B. Gayle—*Oil Can.*72385—R. Gibbons—*Strap Fastening.*72390—S. Gissinger—*Coal Mining Machine.*

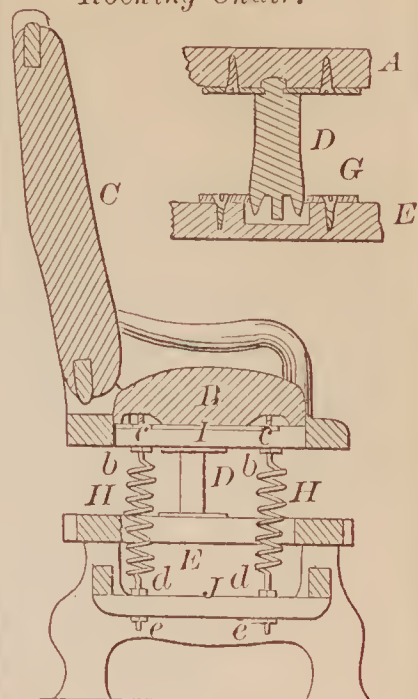
72391—W. Hagerly—*Ram for Vessels.*



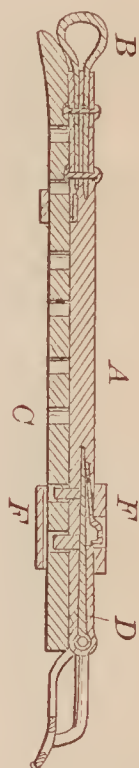
72392—F. Hain—*For Feeding Nail Plates.*



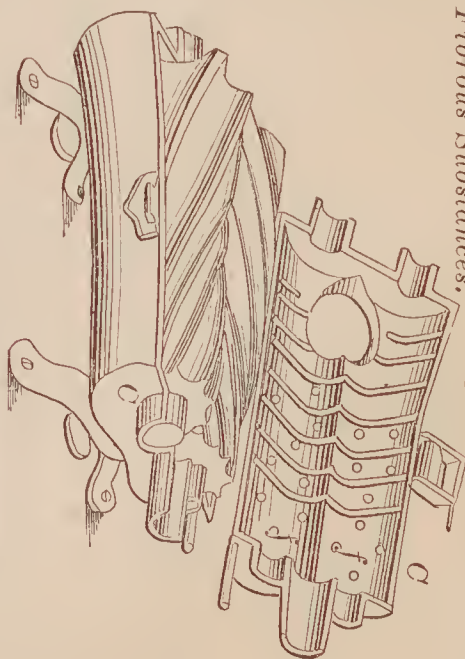
72395—E. Hartwell—
Rocking Chair.



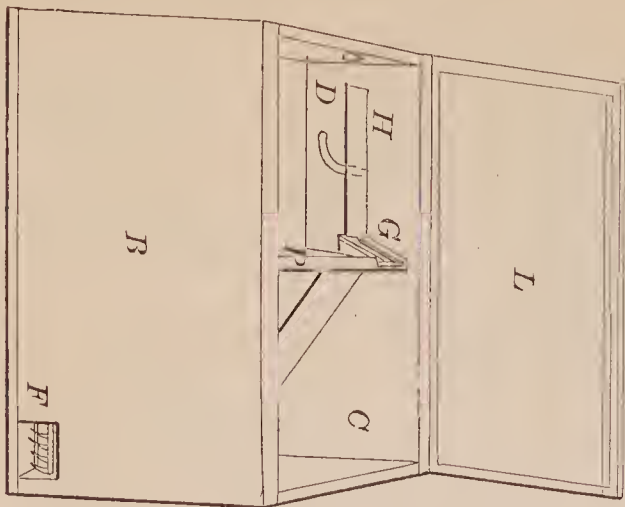
72394—B. J. Hartman—*Trace Fastener*.



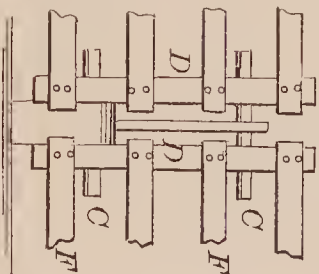
72393—A. W. Hale—*For Cutting and Working Fibrous Substances.*



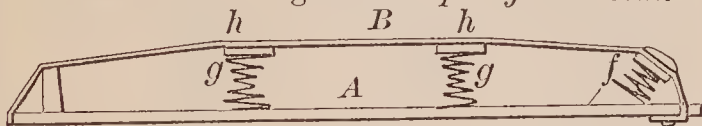
72396—W. Huntington—*Animal Trap.*



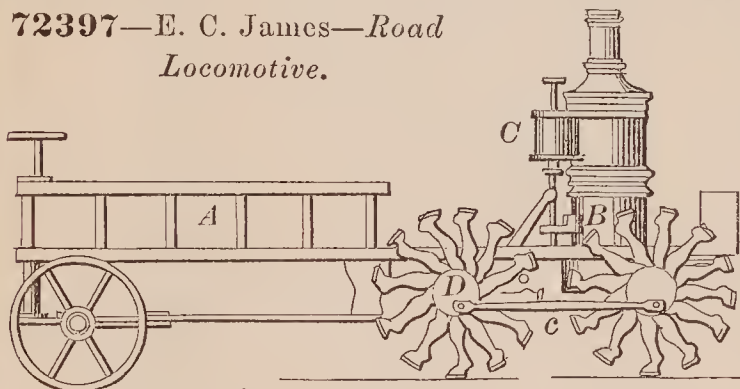
72402—
J. B. Johnson—
Fence.



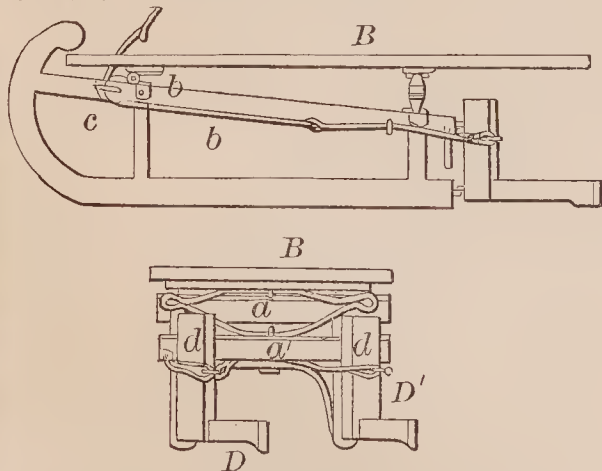
72398—P. C. Ingersoll—*Spring Bed Slat.*



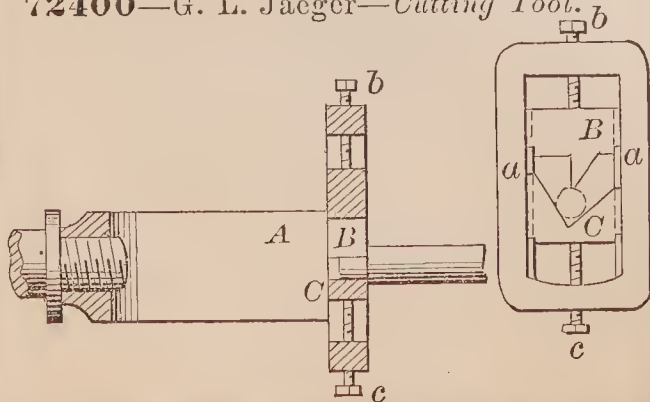
72397—E. C. James—*Road
Locomotive.*



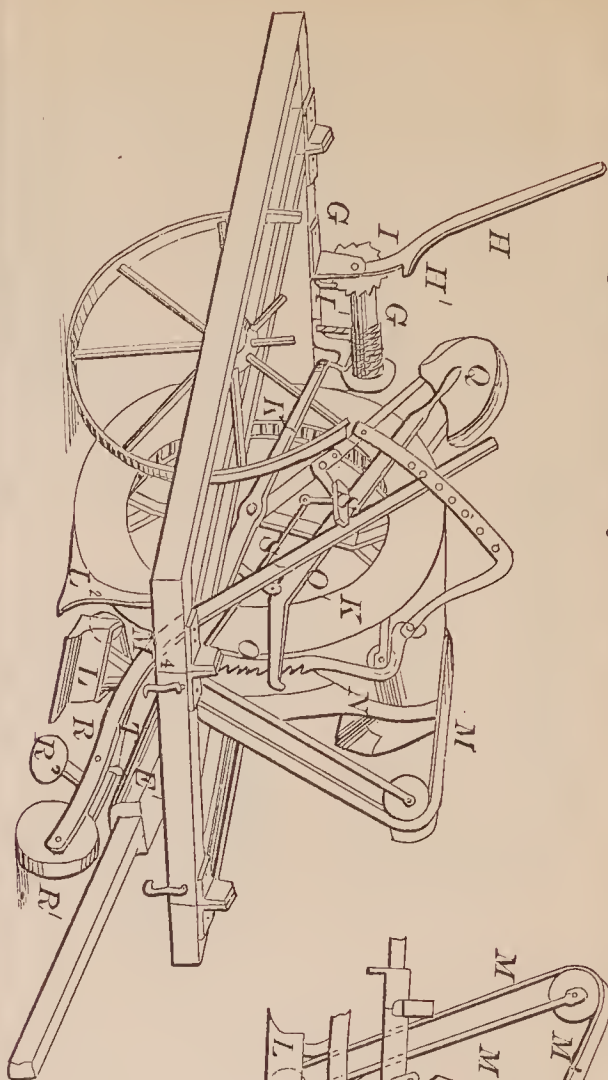
72401—J. Johnson—*Sled.*



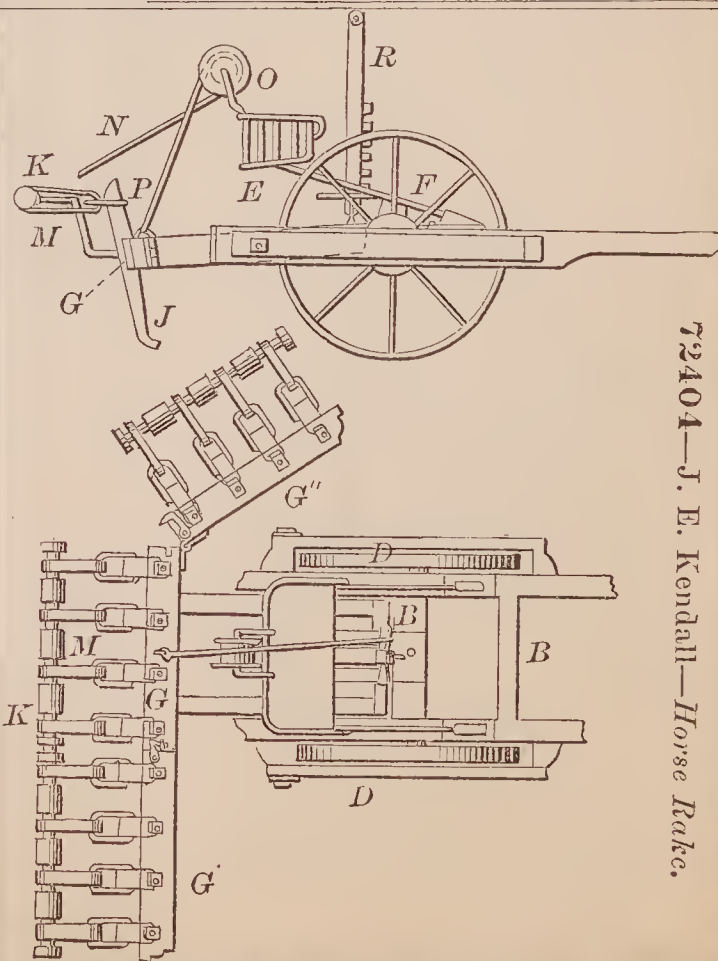
72400—G. L. Jaeger—*Cutting Tool.*



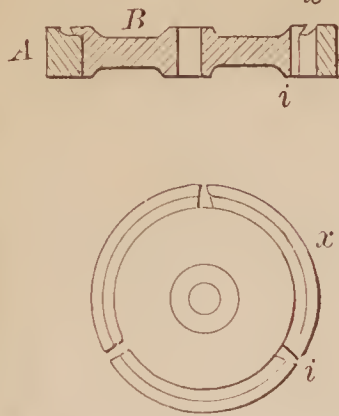
72399—H. C. Ingraham—*Ditching Machine.*



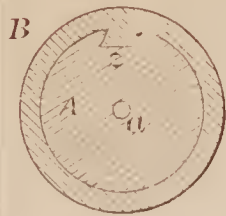
72404—J. E. Kendall—*Horse Rake.*



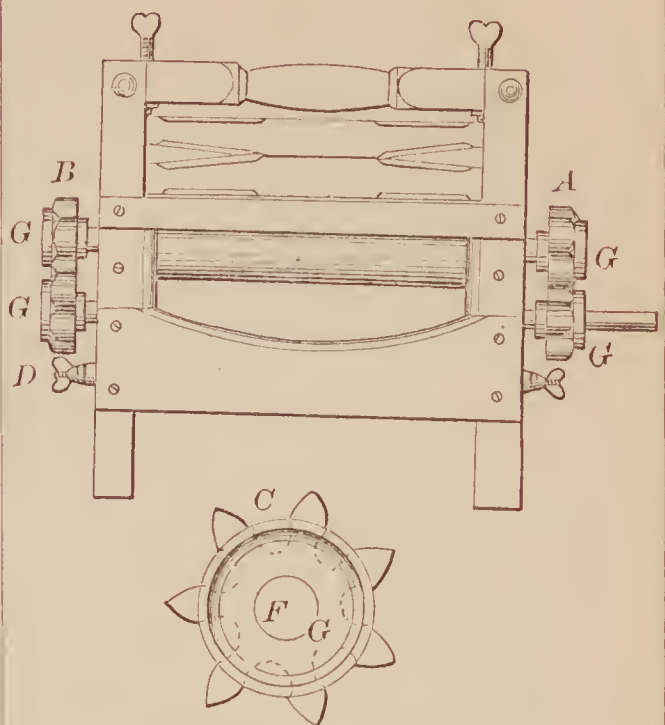
72405—C. Kingsland—*Constructing Car Wheels.*



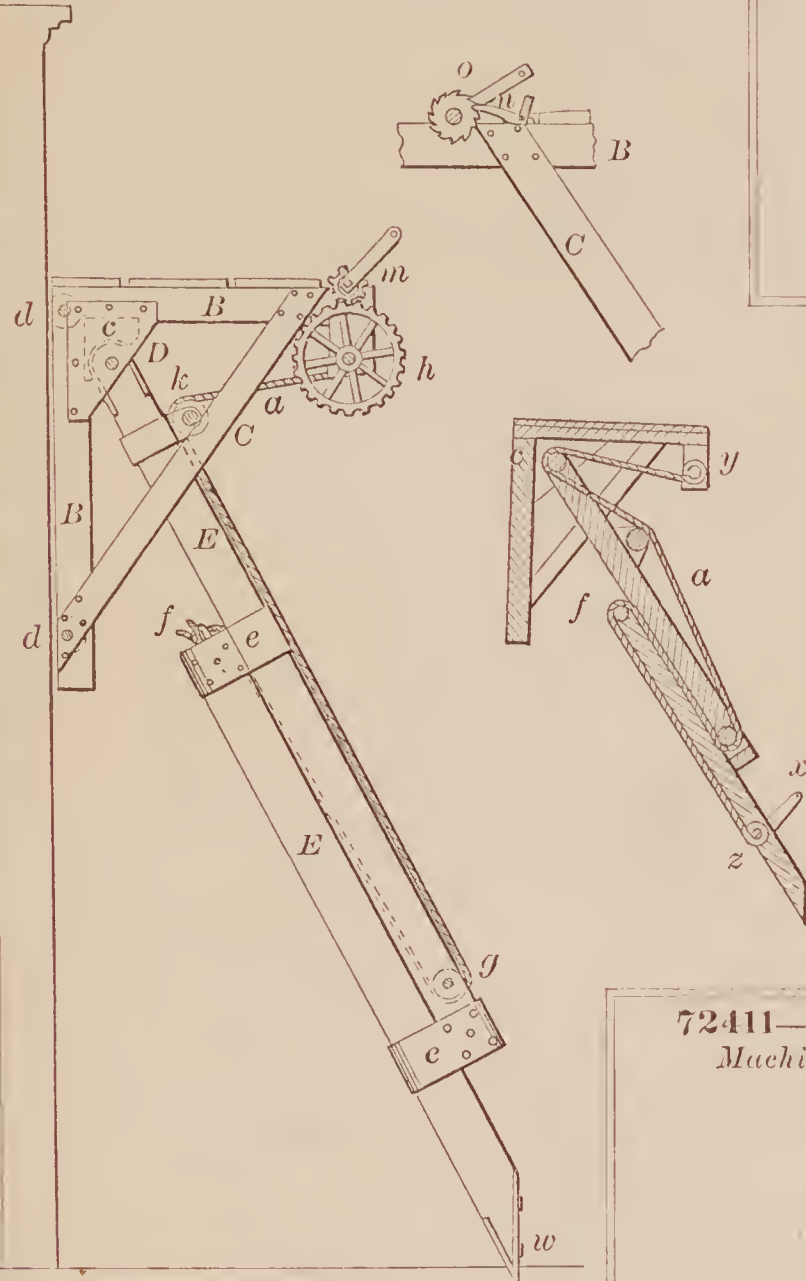
72409—J. M. Mason—*Coupling Shell to Rollers.*



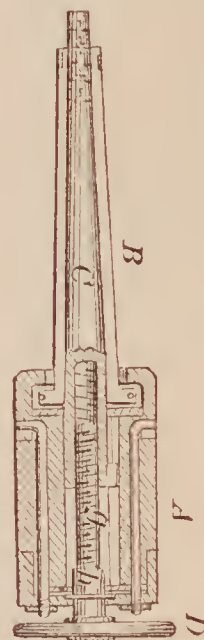
72407—D. Lyman—*Clothes Wringer.*



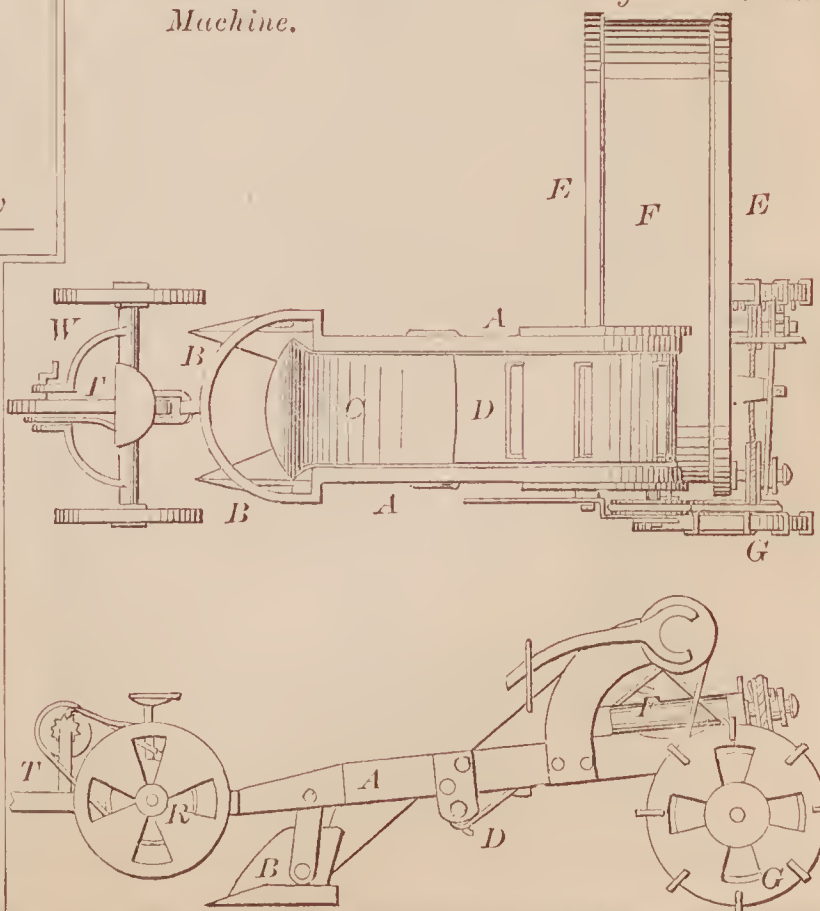
72406—A. S. Kinnear—*Scaffold.*



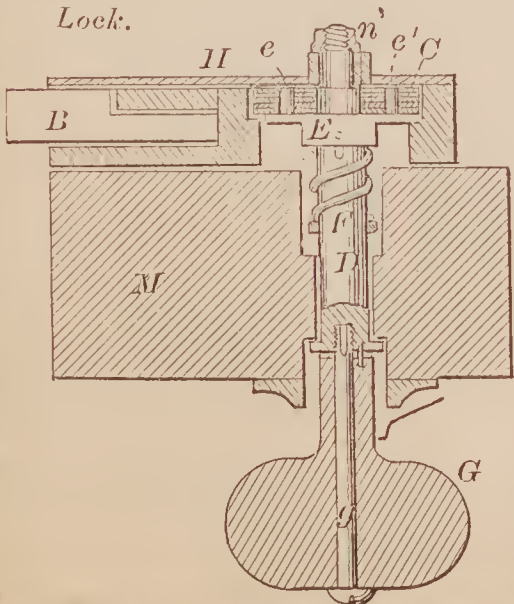
72410—L. Mason—*For Expanding Finger Rings.*



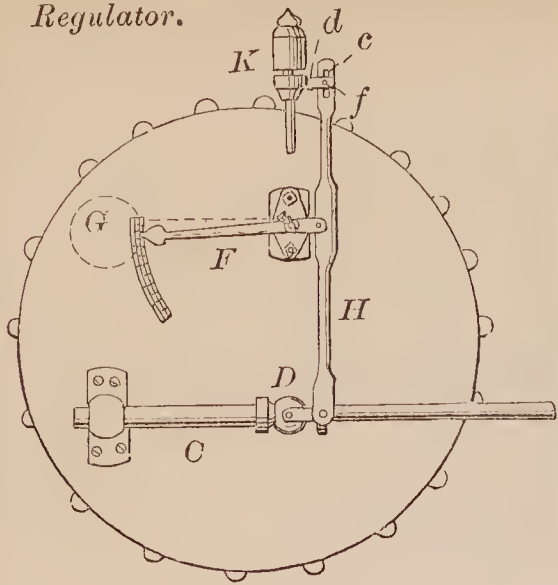
72411—A. A. Maxwell—*Grading and Ditching Machine.*



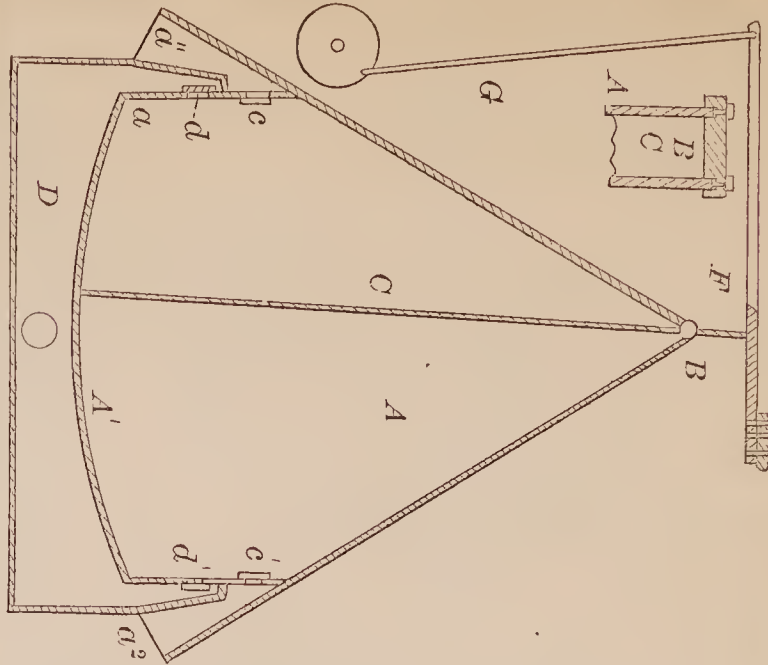
72408—I. W. Lamb—*Permutation Lock.*



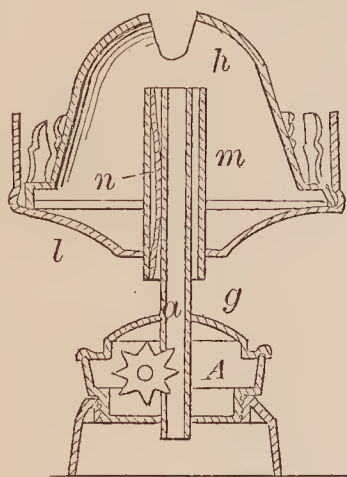
72413—W. McCormick—Boiler Feed Regulator.



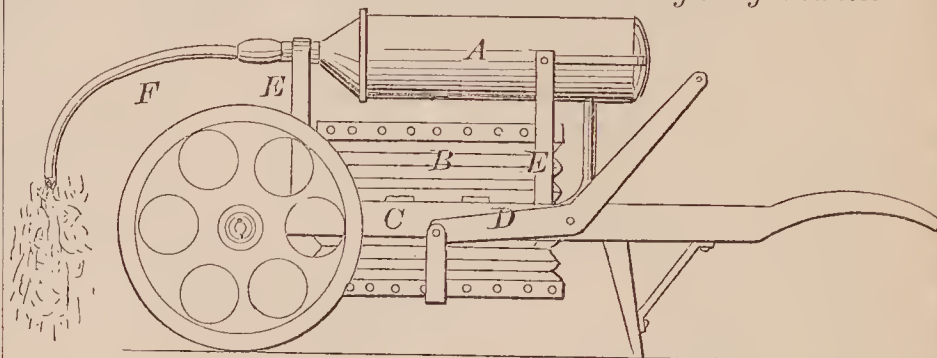
72416—N. Parrish—Fan Blower.



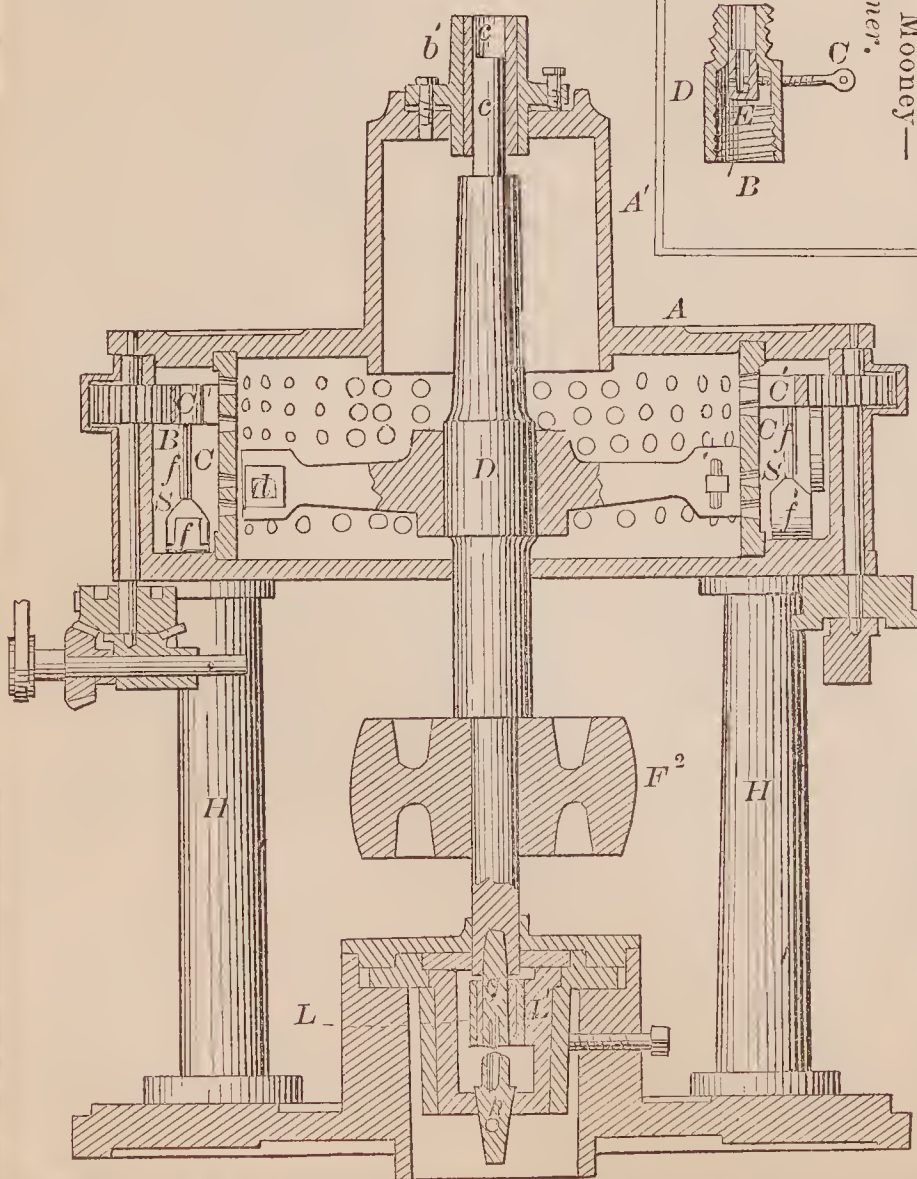
72414—R. S. Merrill—Burner for Hydro-Carbon Fluids.



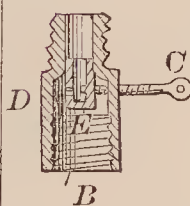
72419—C. C. Preston—For Fumigating Plants.



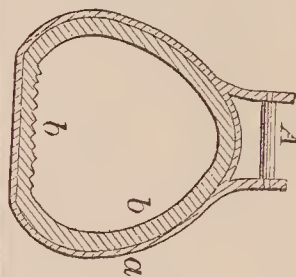
72418—S. W. Powell—Bone and Plaster Mill.



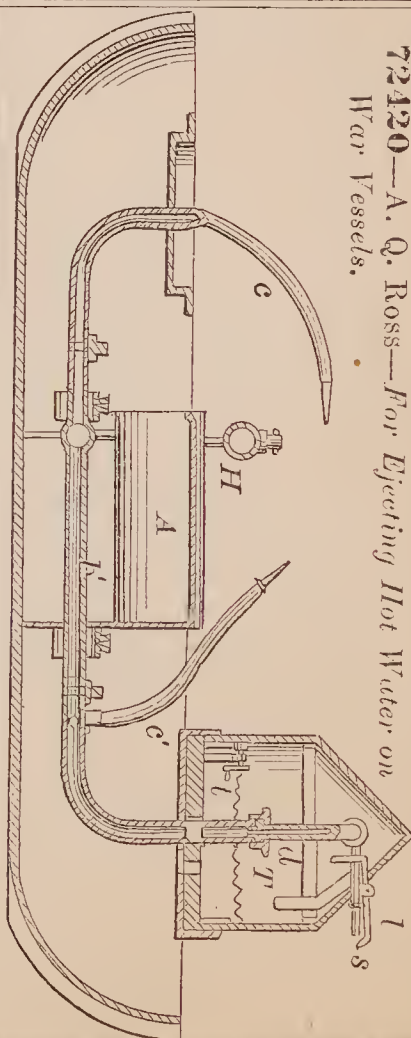
72415—G. Mooney—Gas Burner.



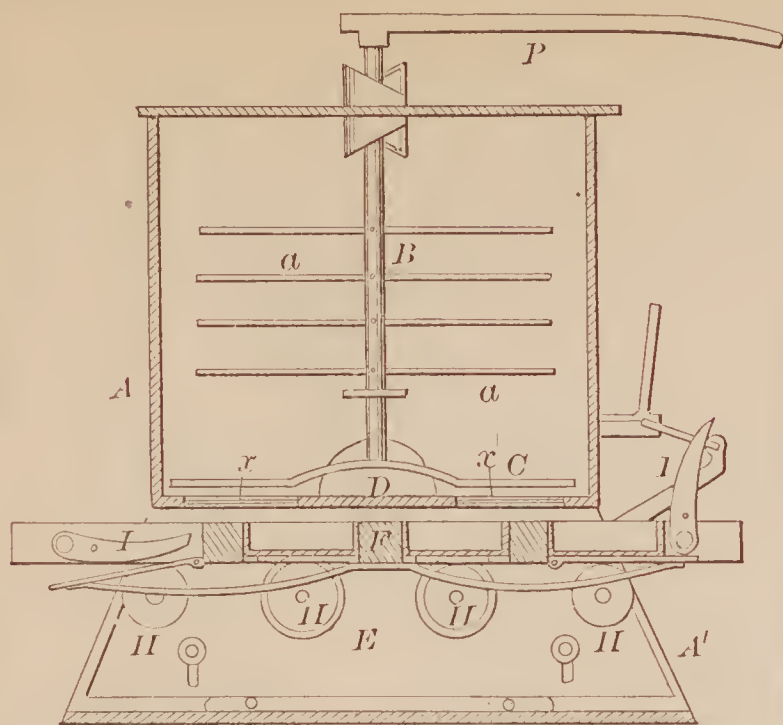
72417—E. Pond—Stirrup.



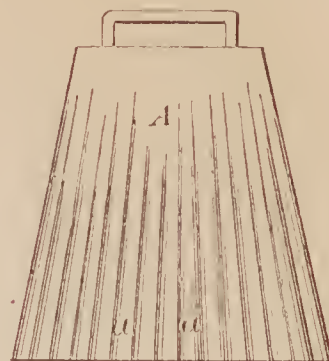
72420—A. Q. Ross—For Ejecting Hot Water on War Vessels.



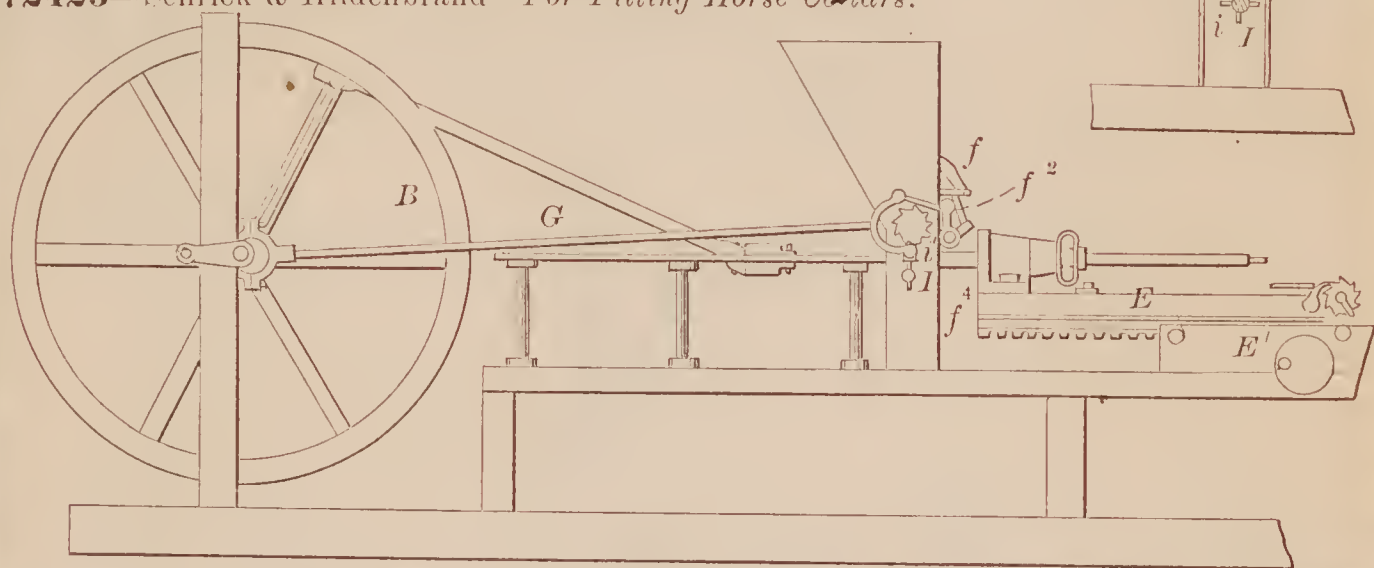
72421—W. Sangster—Brick Machine.



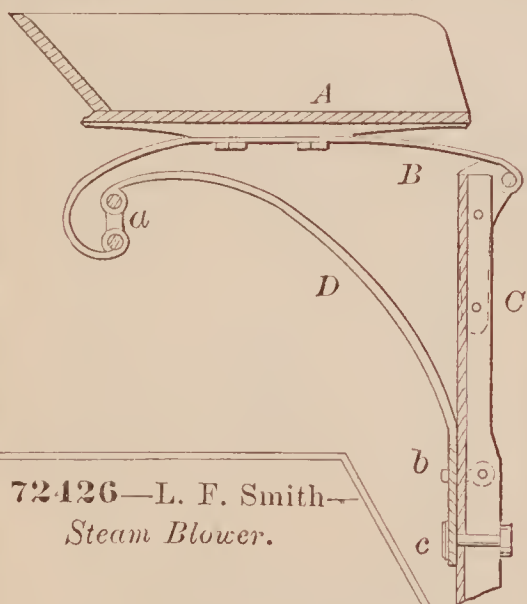
72422—G. S. Saxton—Manufacture of Corrugated Bells.



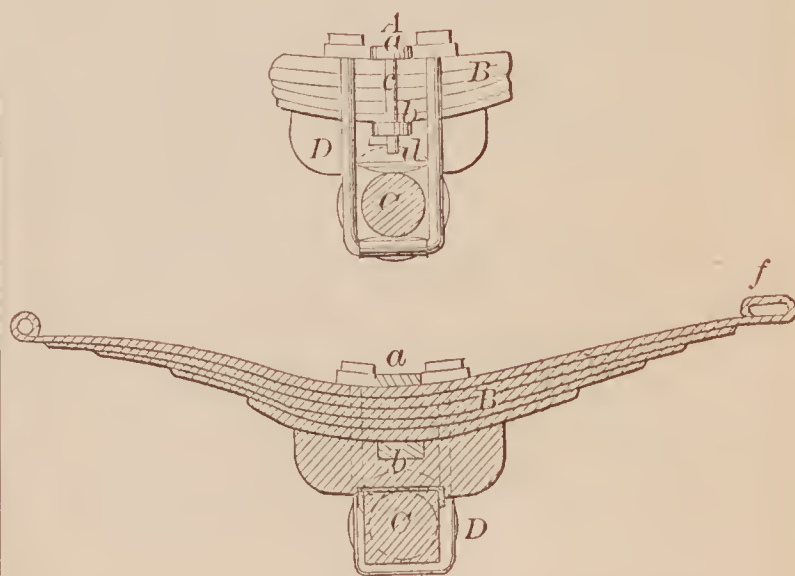
72423—Schrick & Hildenbrand—For Filling Horse Cars.



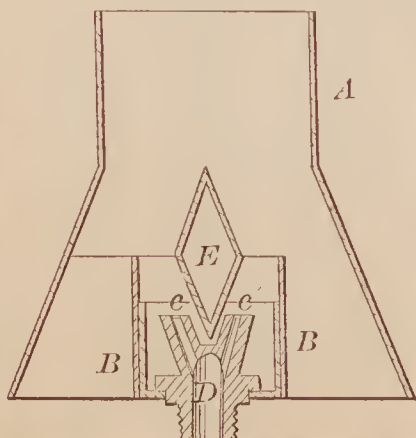
72424—J. Sebastian—Wagon Seat.



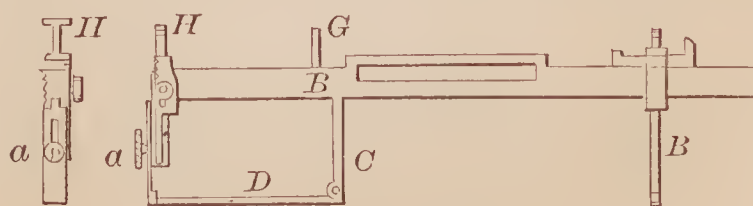
72425—J. Sebastian—Wagon Spring.



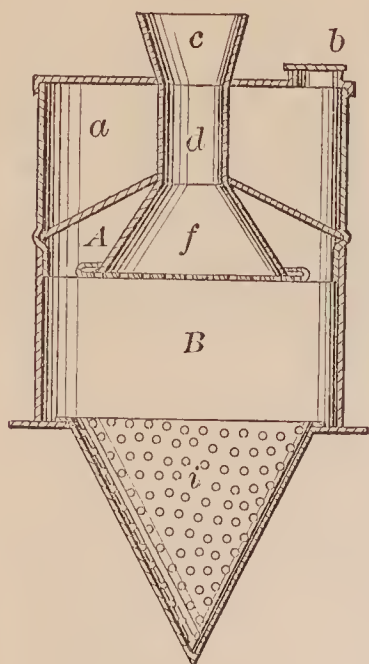
72426—L. F. Smith—Steam Blower.



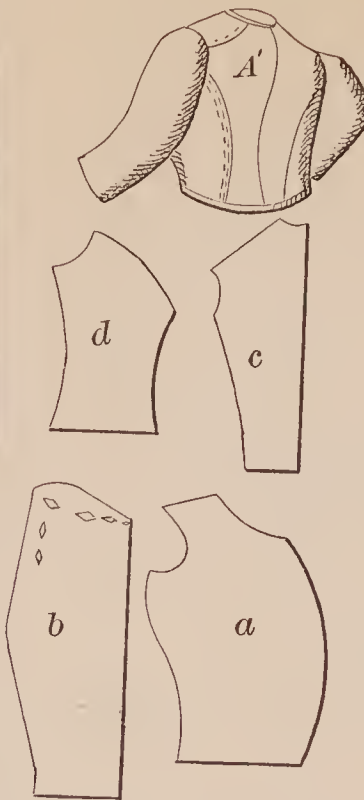
72427—D. F. Stratton—Gauge for Setting Wagon Axles.



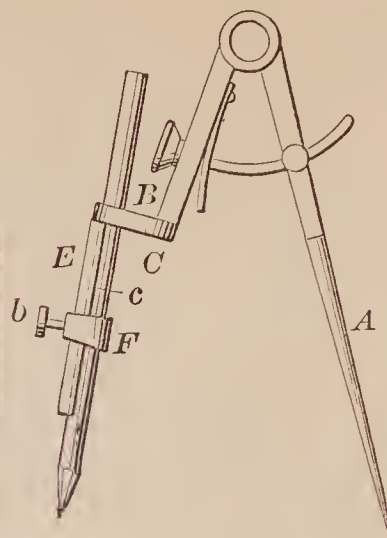
72429—J. W. Thyng—*Coffee Maker.*



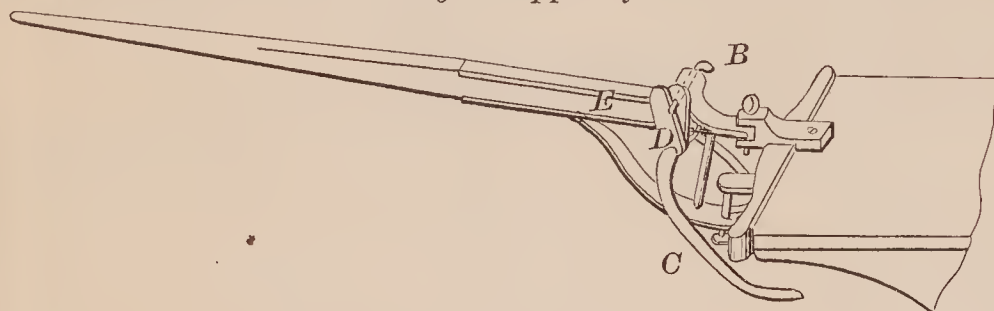
72432—T. Vandoren, Sr.—*Taking Measure to Cut Coats and Vests.*



72433—O. E. Weatherhead—*Dividers.*



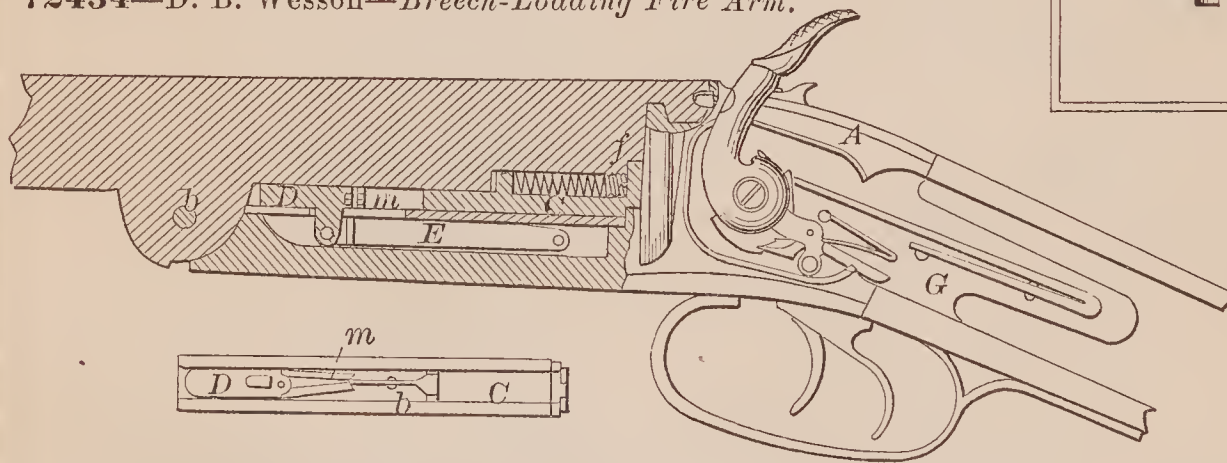
72430—J. M. Tiernan—*Tongue Support for Street Cars.*



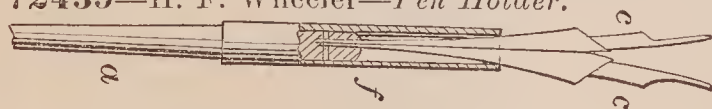
72437—G. B. Wiseman—*Store Pipe Damper.*



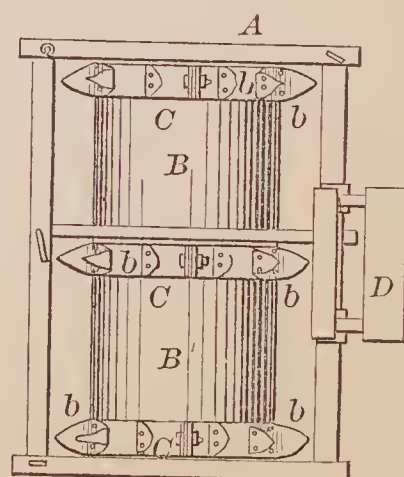
72434—D. B. Wesson—*Breech-Loading Fire Arm.*



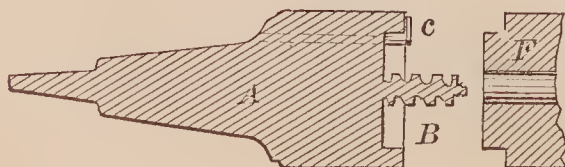
72435—H. F. Wheeler—*Pen Holder.*



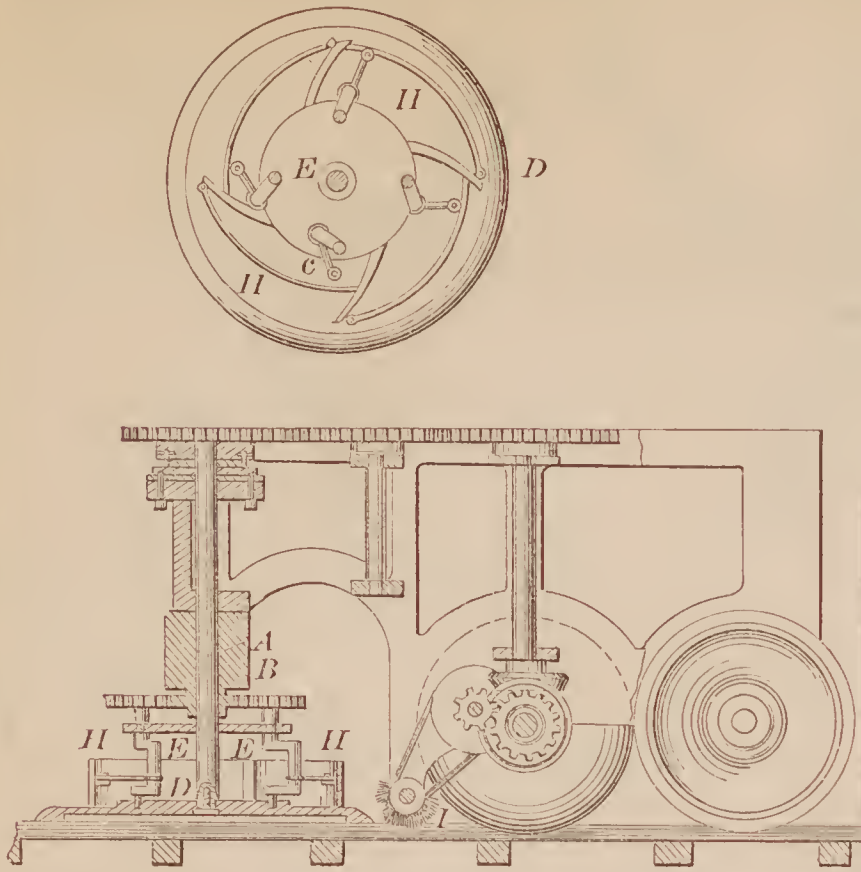
72438—W. S. Worley—*Land Roller.*



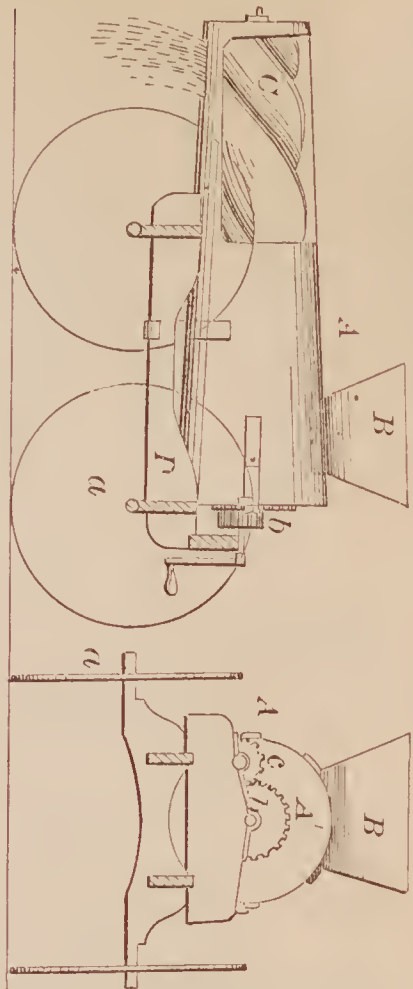
72436—A. Wippo—*Boring Tool.*



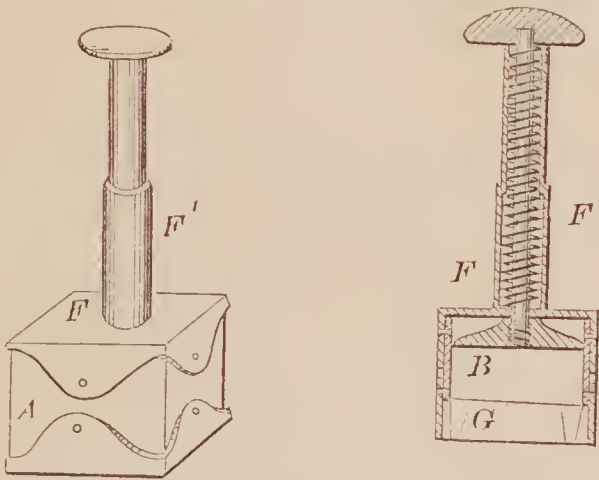
72439—E. Abbiati—*Track Clearer.*



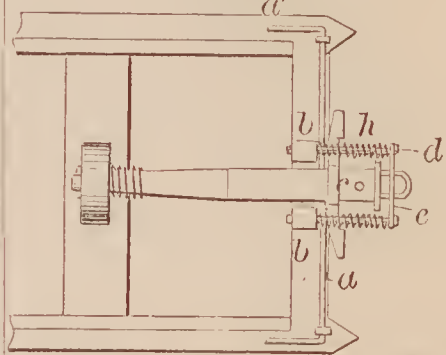
72440—A. A. Anderson—*Mortar Mill.*



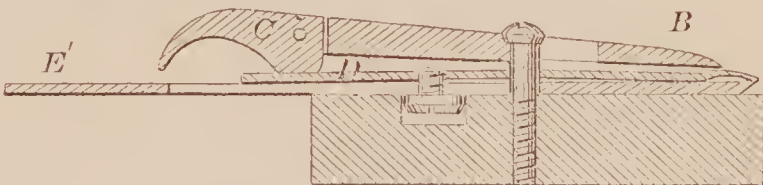
72442—C. H. Bacon—*For Attaching Stamps.*



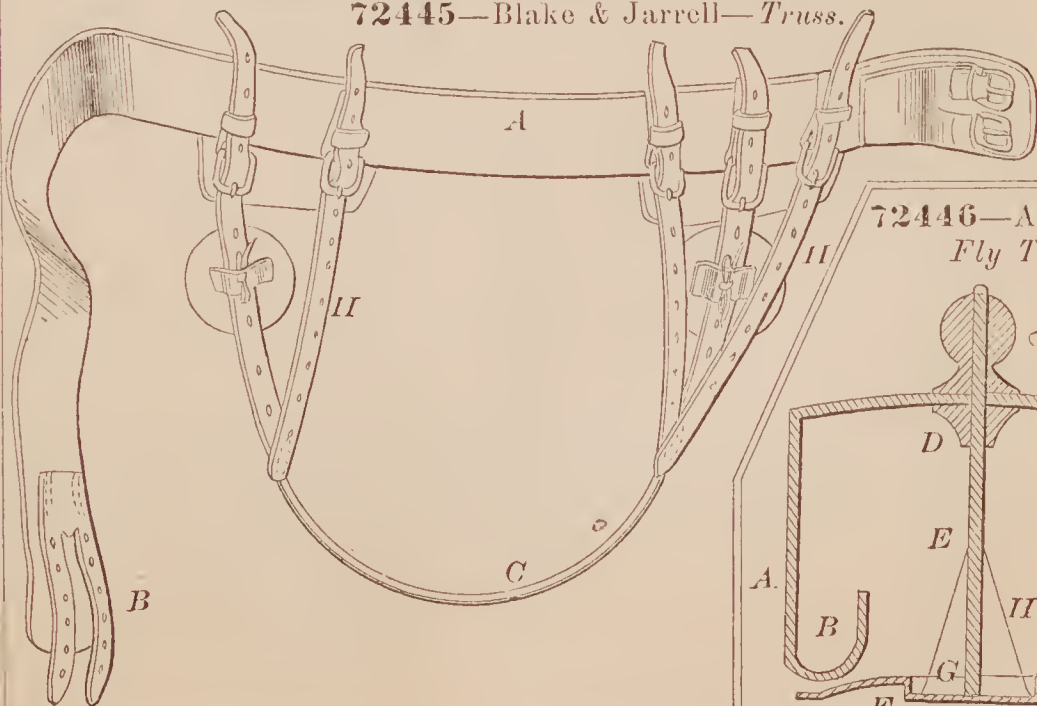
72441—C. P. Bachelder—*Car Coupling.*



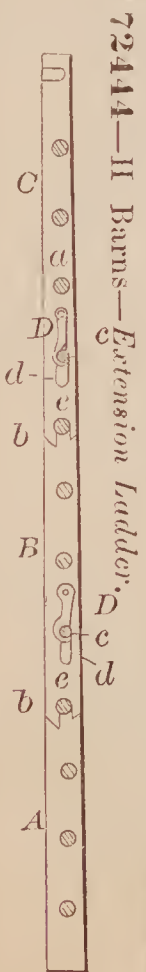
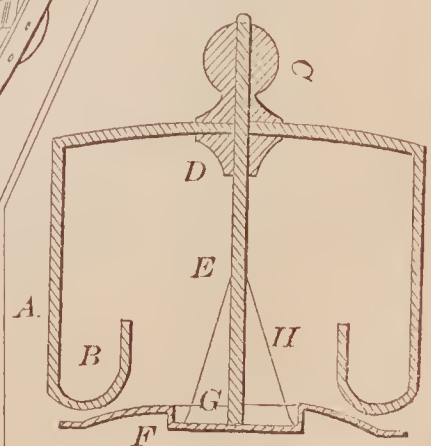
72443—L. Bailey—*Carpenters' Plane.*



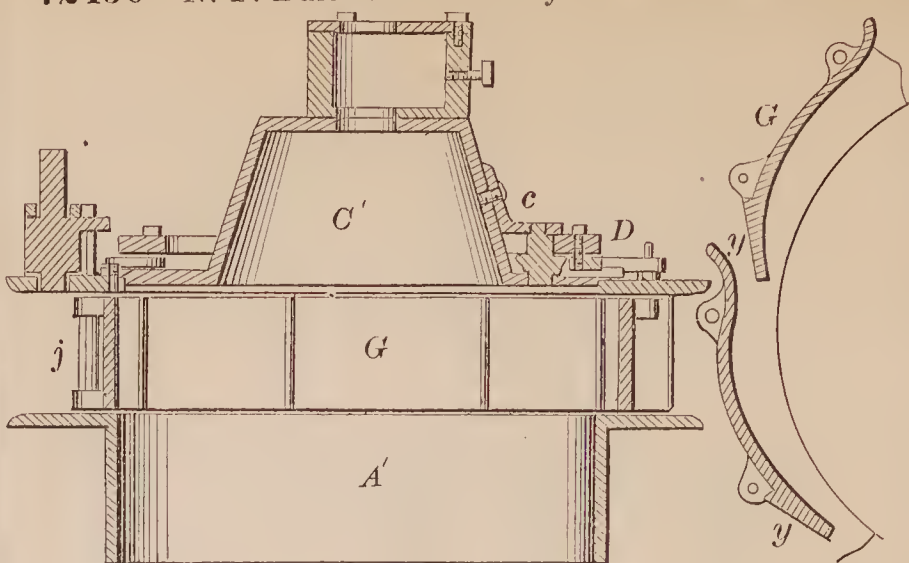
72445—Blake & Jarrell—*Truss.*



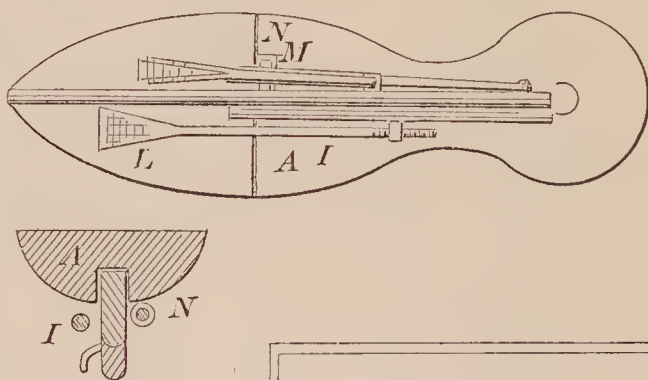
72446—A. Bristol—*Fly Trap.*



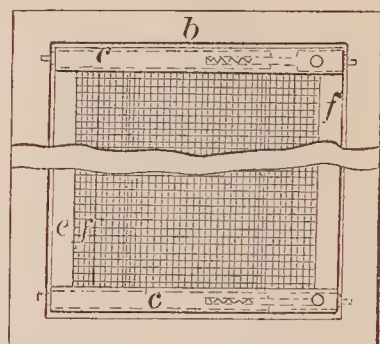
72450—N. F. Burnham—*Guide for Water Wheels.*



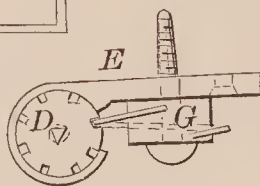
72448—G. Brownlee—*Skate.*



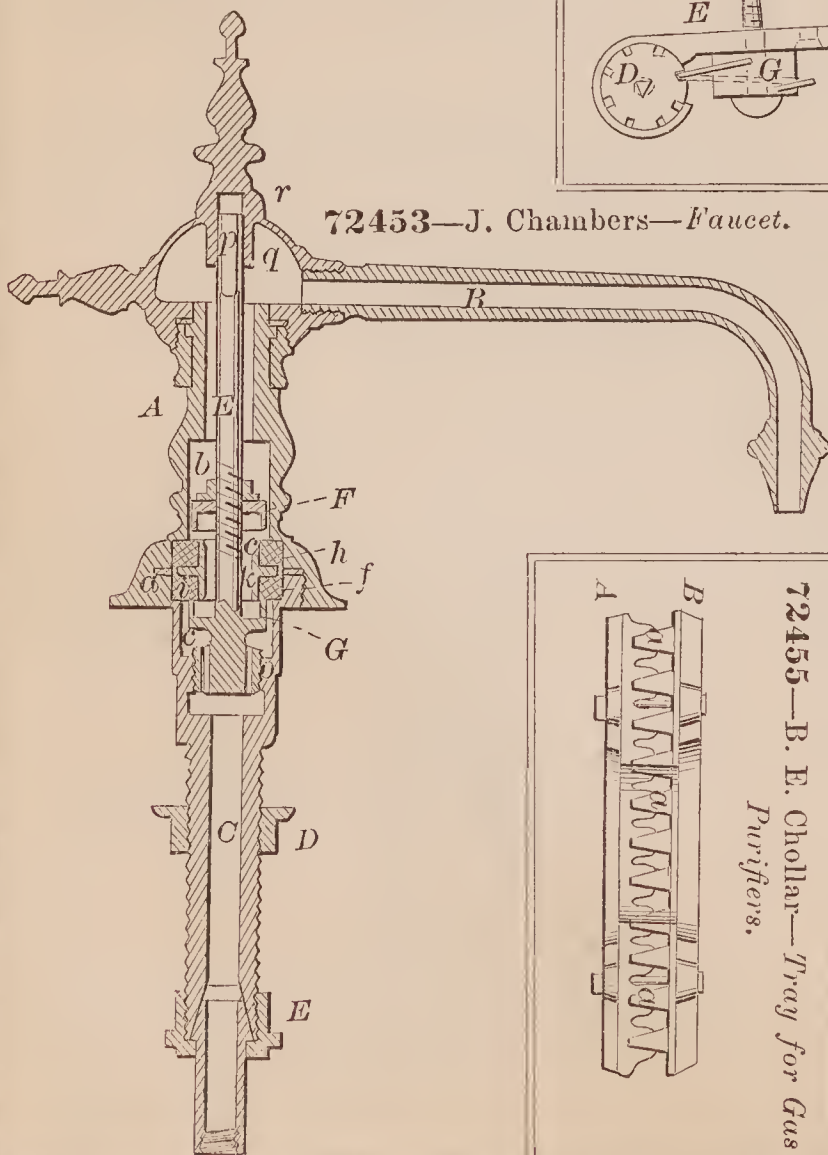
72452—E. O. Carrington—*Mosquito Net.*



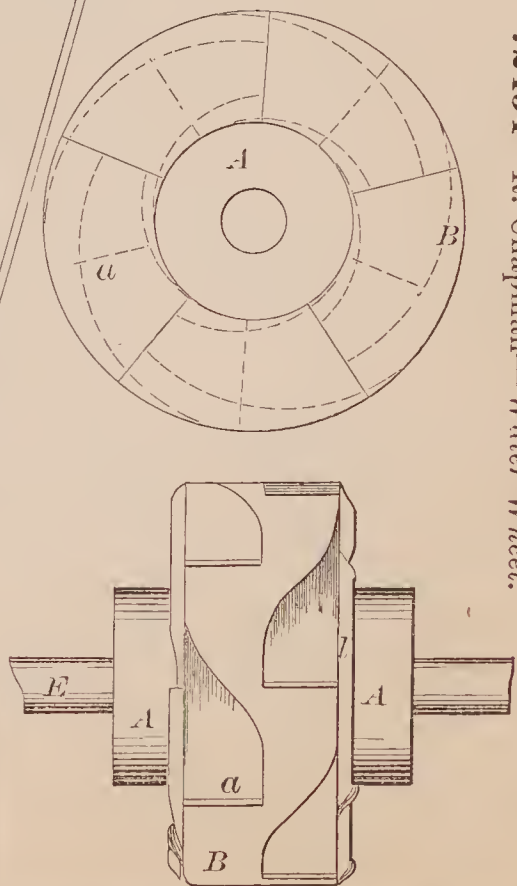
72449—C. Burnham—*Door Spring.*



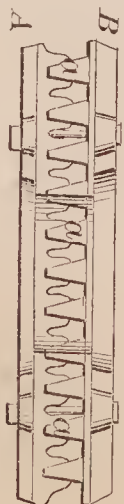
72453—J. Chambers—*Faucet.*



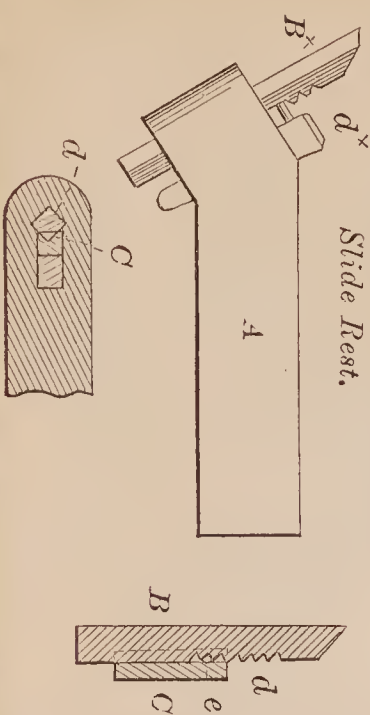
72454—R. Chapman—*Water Wheel.*



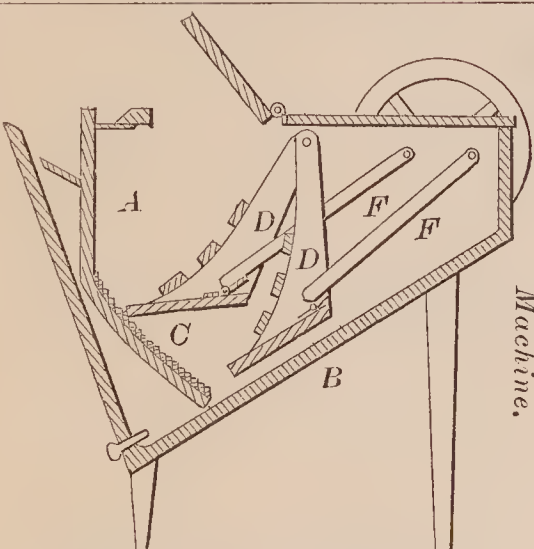
72455—B. E. Chollar—*Tray for Gas Purifiers.*



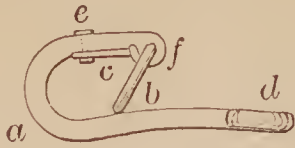
72447—L. F. Brown—*Tool Holder for Slide Rest.*



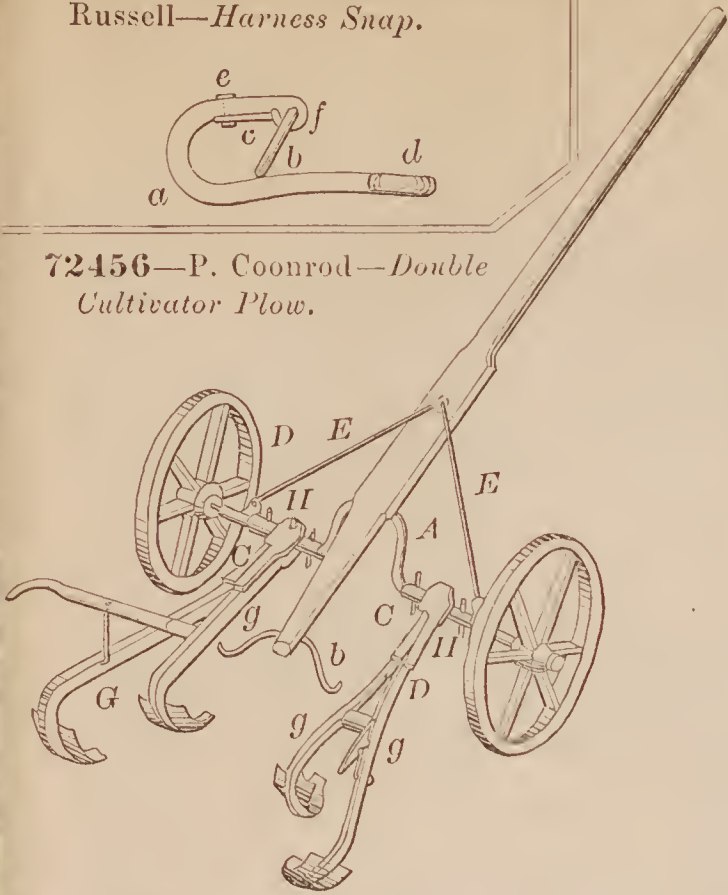
72451—J. B. Byers—*Washing Machine.*



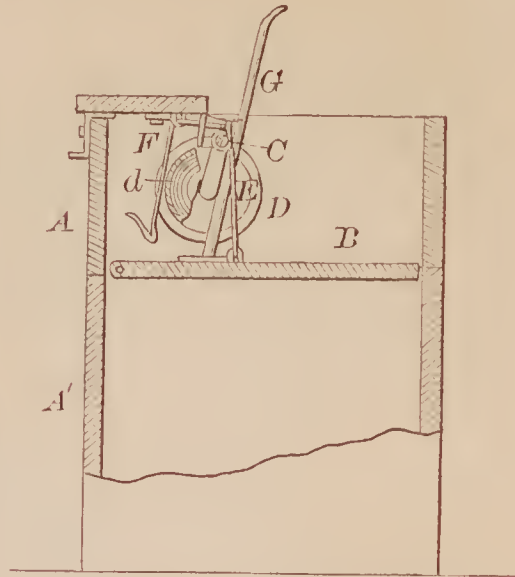
72462—Davison, Bates, Wilson & Russell—*Harness Snap.*



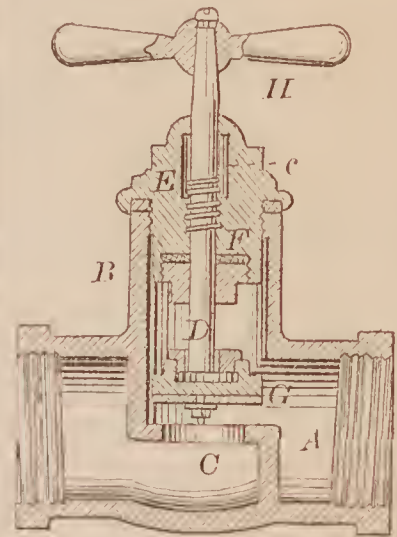
72456—P. Coonrod—*Double Cultivator Plow.*



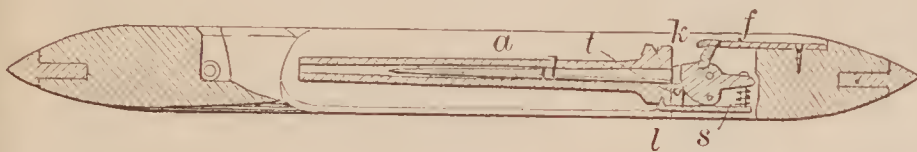
72461—W. H. Davis—*Animal Trap.*



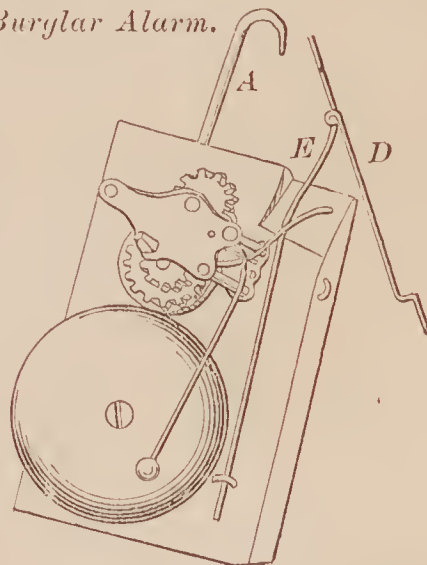
72458—A. Crossley—*Globe Valve.*



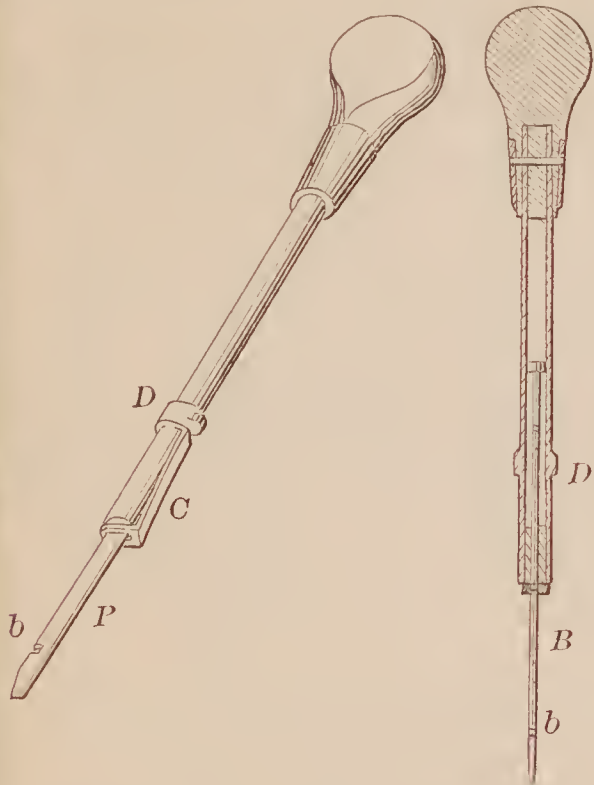
72457—G. Crompton—*Shuttle.*



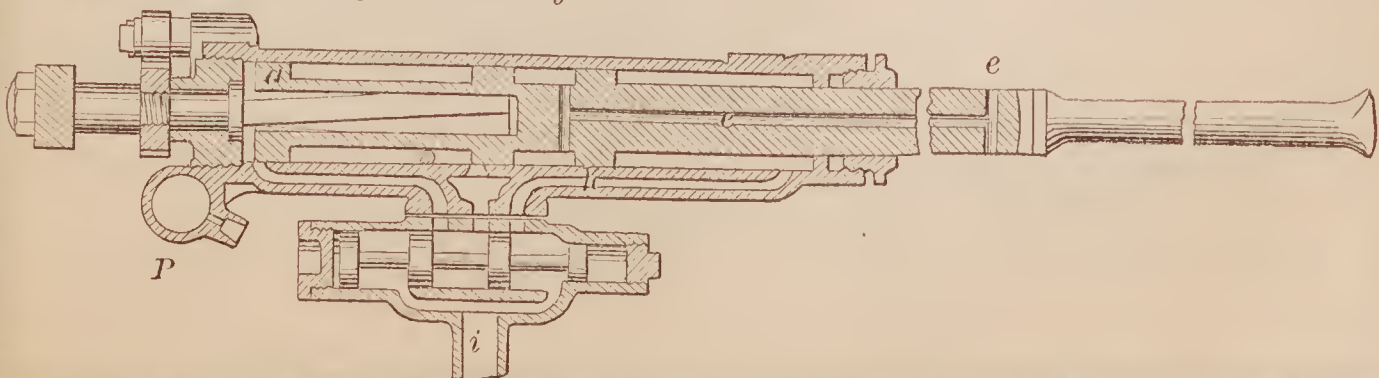
72459—B. F. & J. F. Cunningham—*Burglar Alarm.*



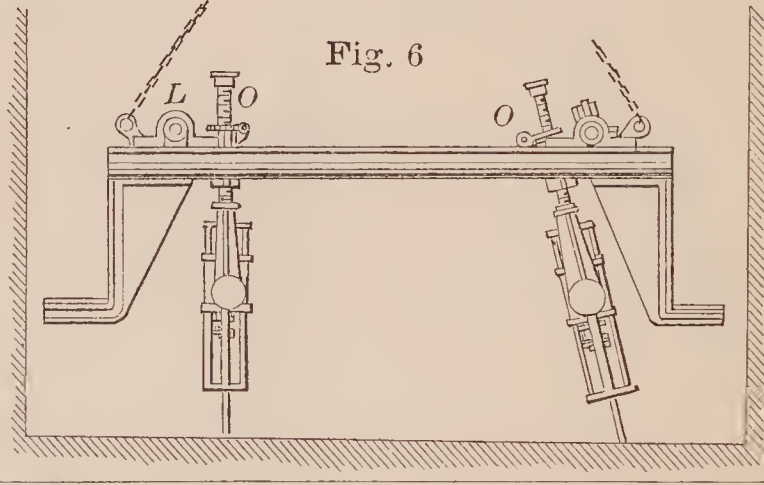
72463—O. Dean—*Screw Driver.*



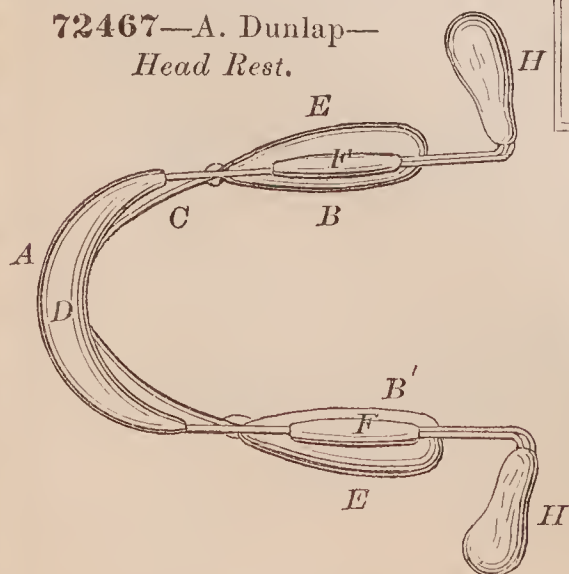
72465—F. B. Doering—*For Boring Rocks.*



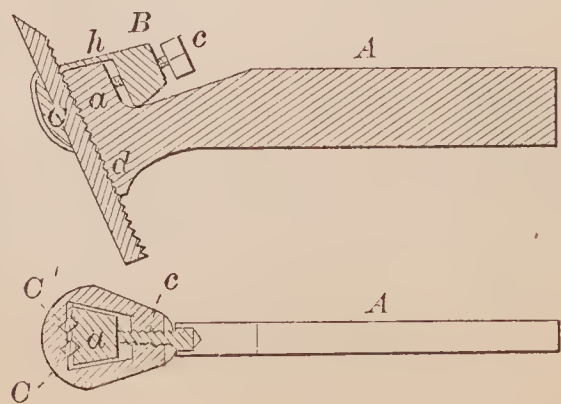
72466—F. B. Doering—*Stand for Rock Drilling Engines.*



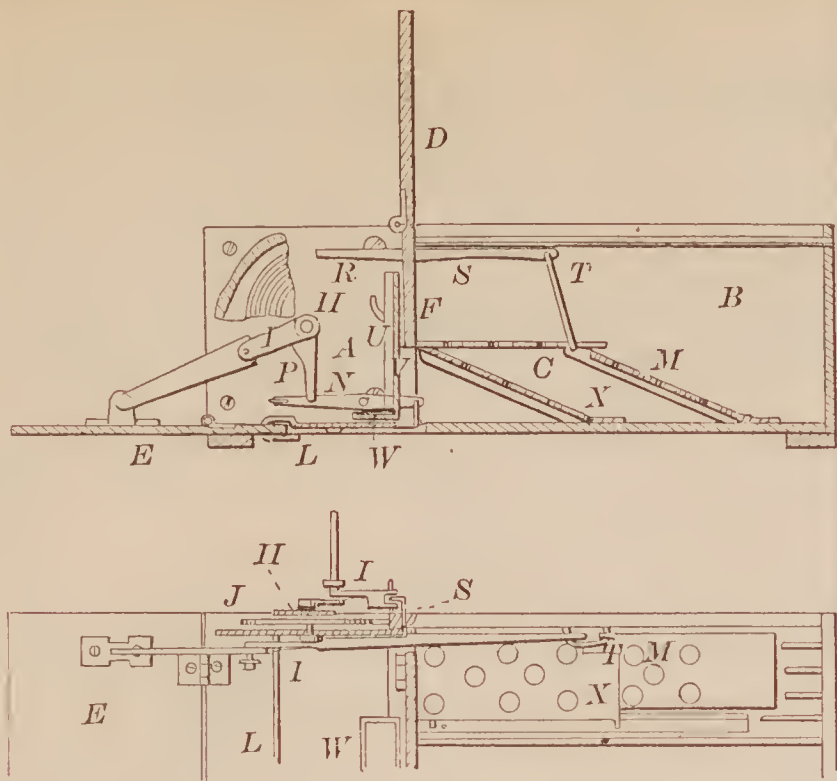
72467—A. Dunlap—
Head Rest.



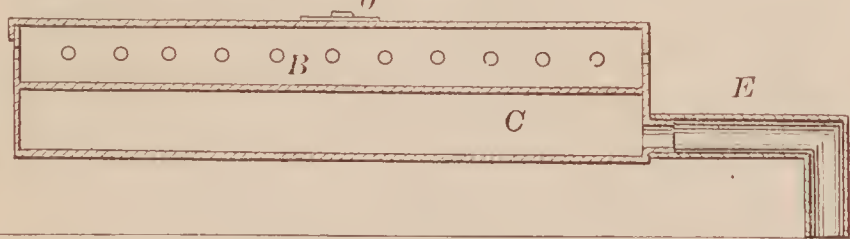
72468—J. Edson—*Lathe Tool Holder.*



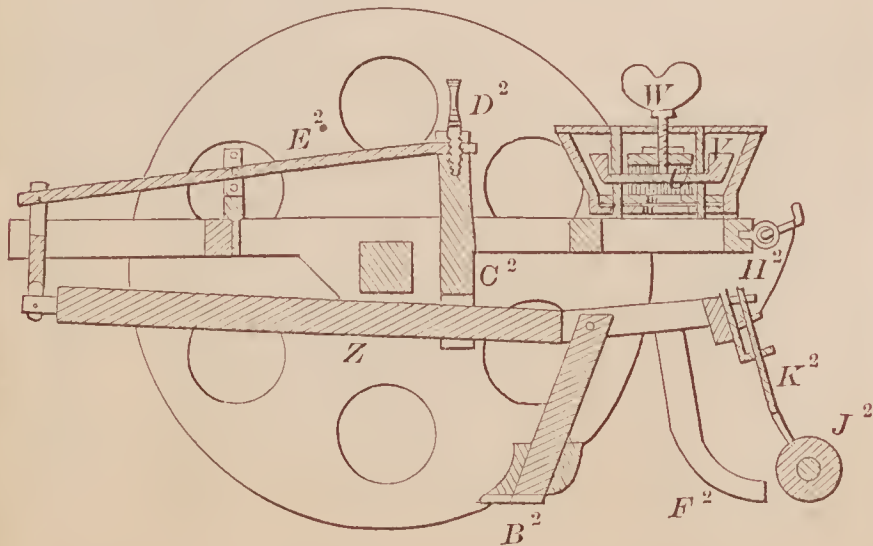
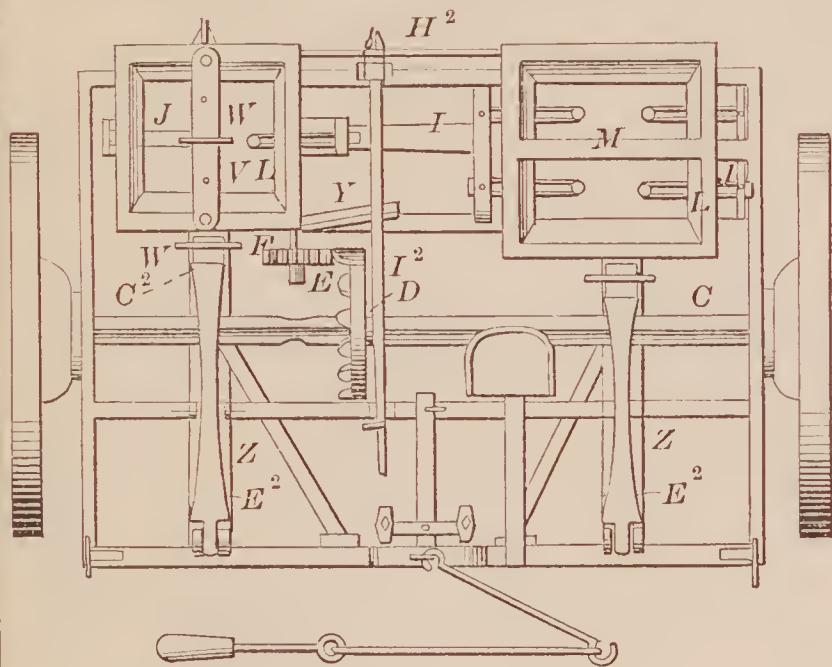
72470—Ellis & Albertson—*Animal Trap.*



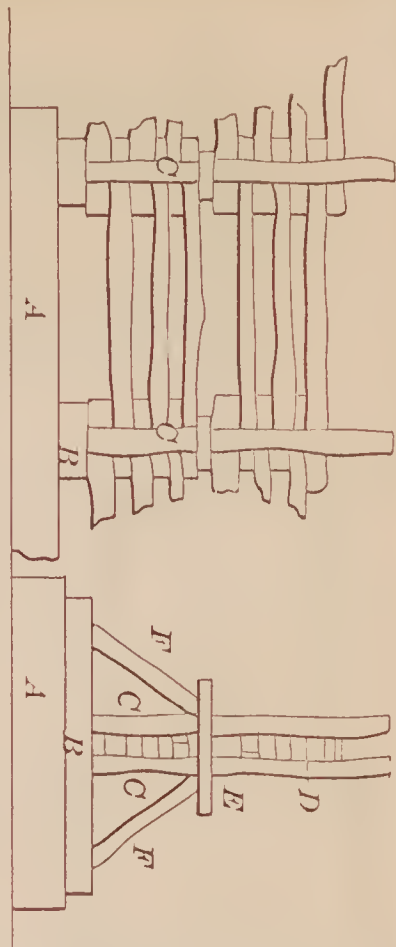
72471—M. W. Florer—*Fruit Dryer.*



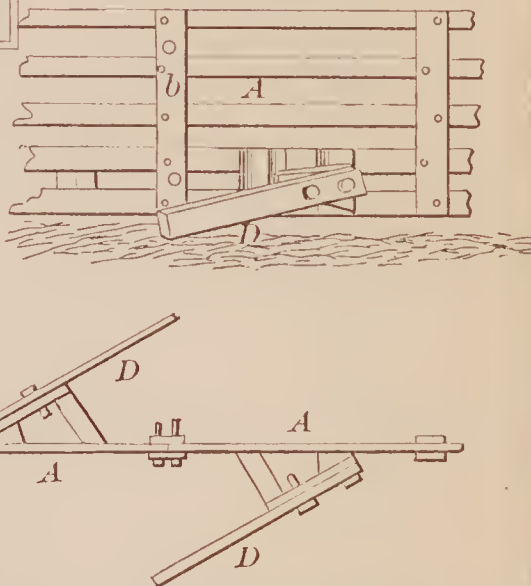
72472—J. K. Frantz—*Seed Planter.*



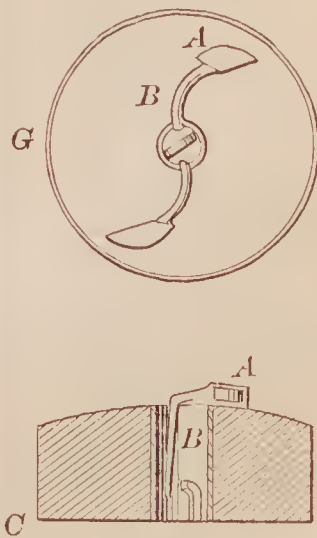
72473—A. Frayer—*Rail Fence.*



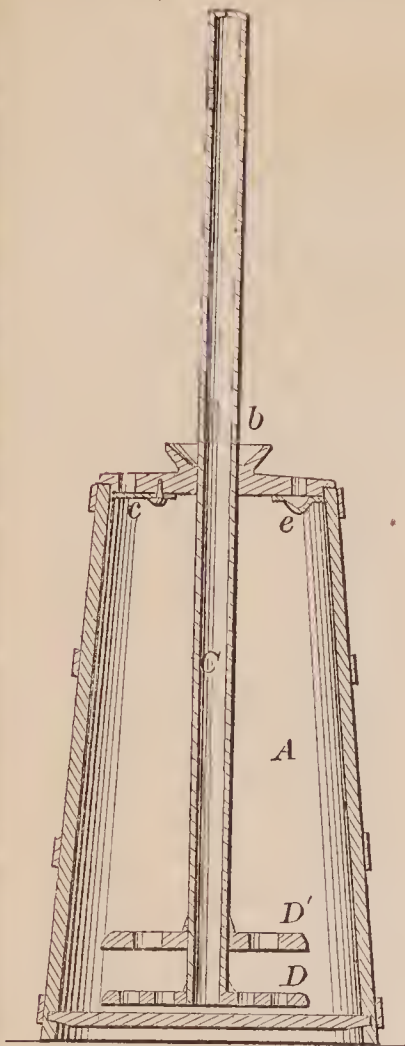
72469—Ellis & Albertson—*Fence.*



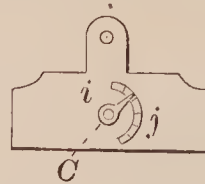
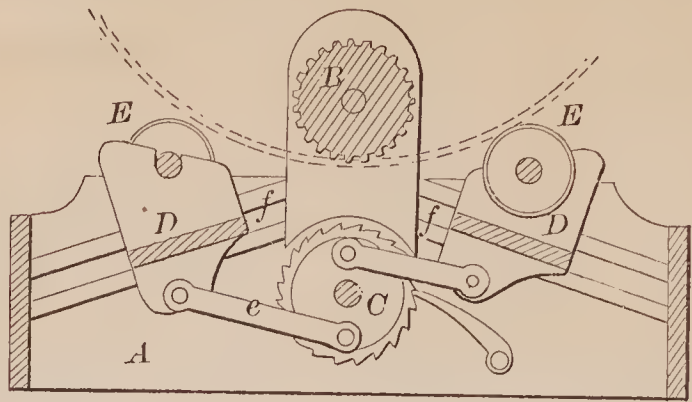
72474—W. K. Fuller—*For Ventilating Mill Stones.*



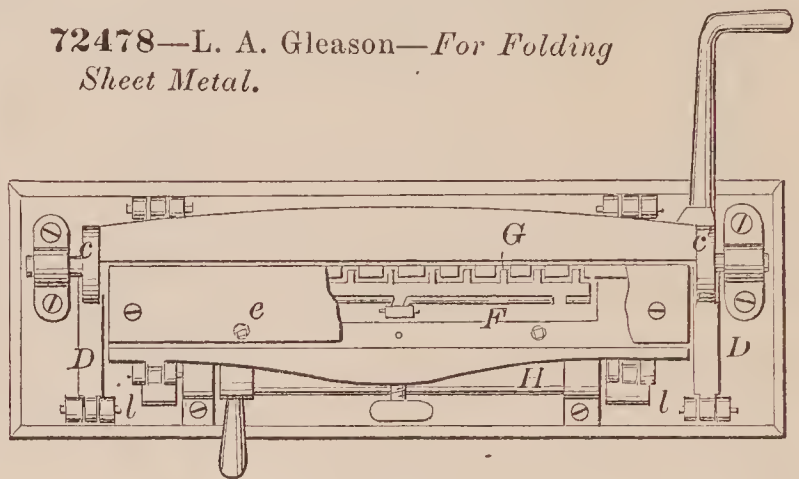
72475—J. C. Gaston—Churn.



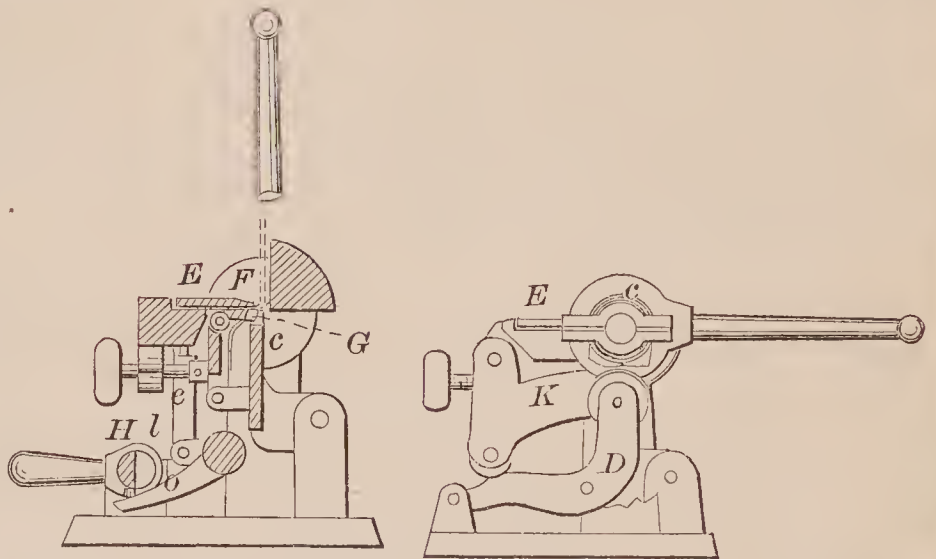
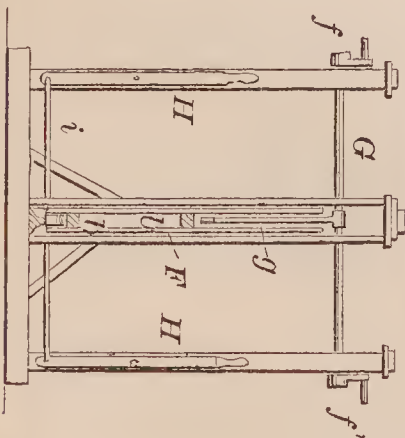
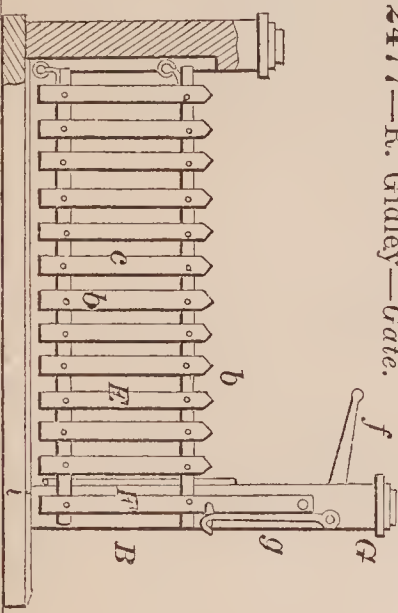
72476—J. Gettemy—Tire Bending and Shrinking.



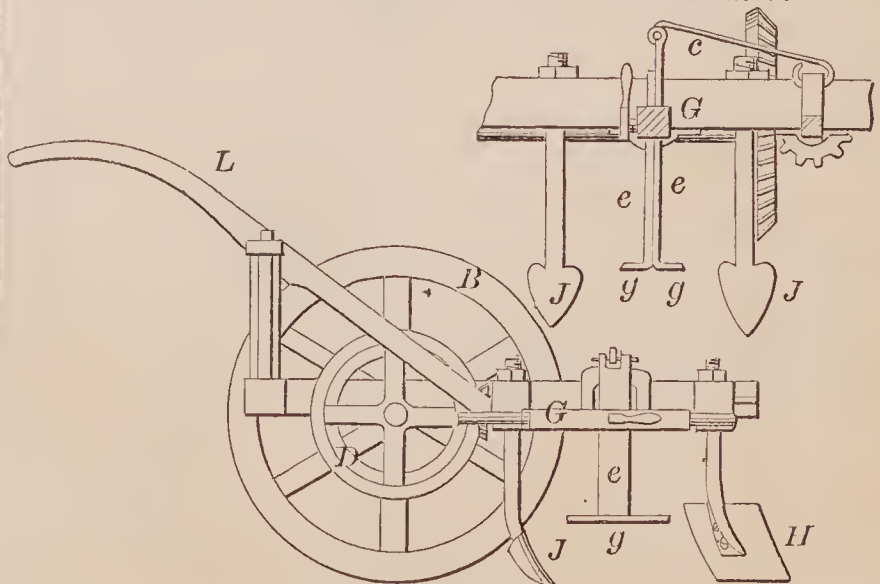
72478—L. A. Gleason—For Folding Sheet Metal.



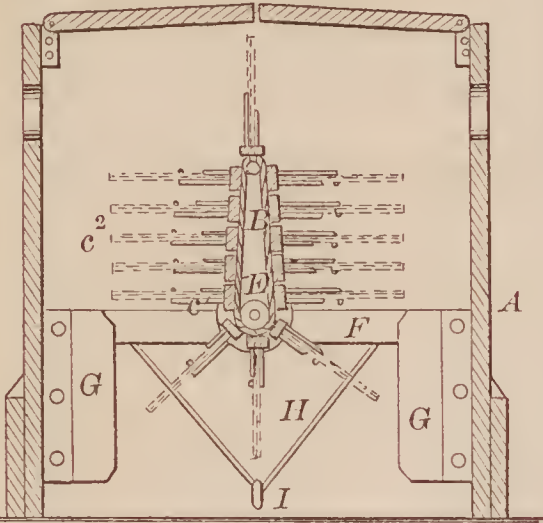
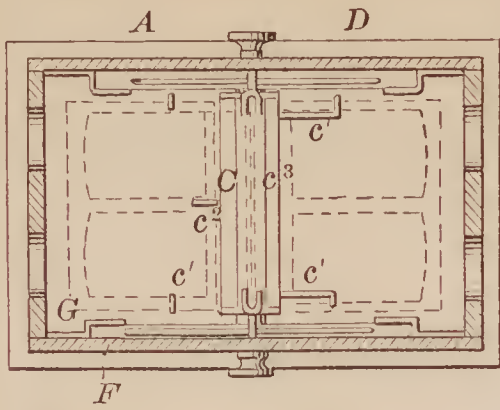
72477—R. Gidley—Gate.



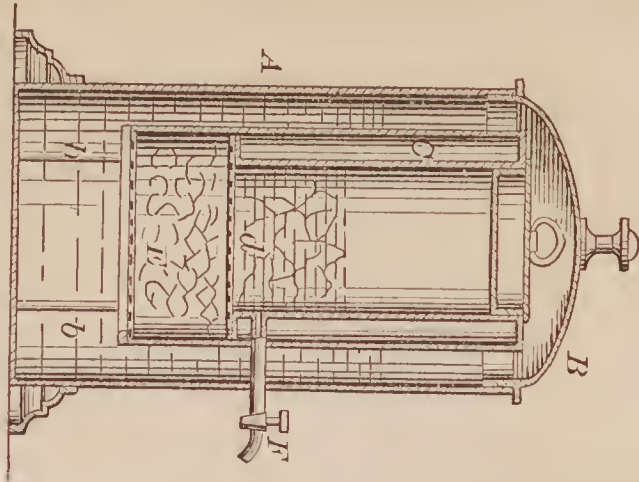
72479—E. H. & E. B. Goelet—Cotton Cultivator.



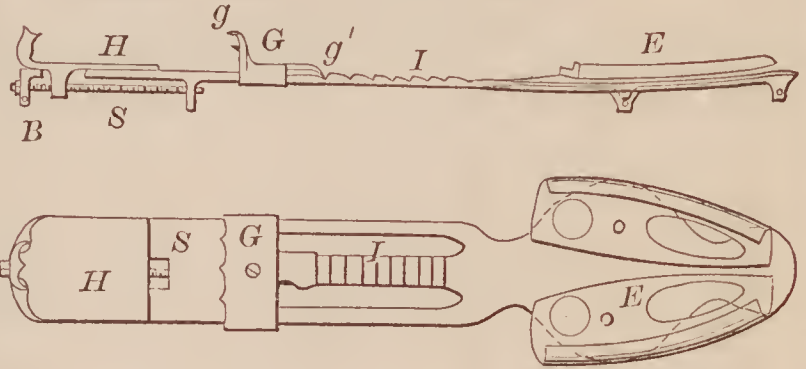
72480—O. Goerke—*Stereoscope.*



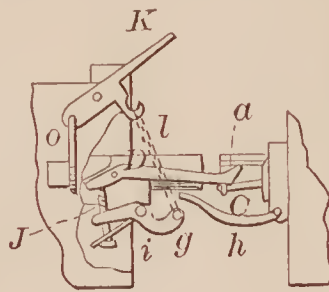
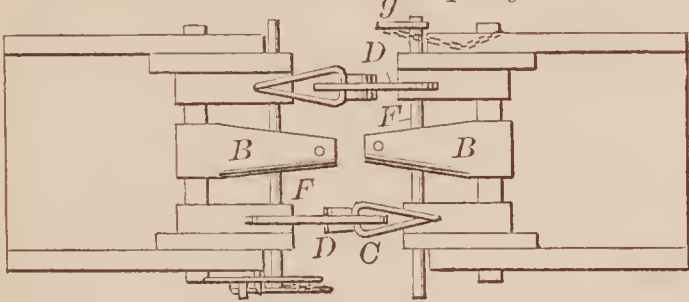
72481—G. W. W. Goodwyn—*Filter.*



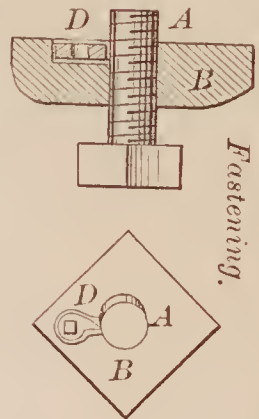
72483—Haase & Rost—*Skate.*



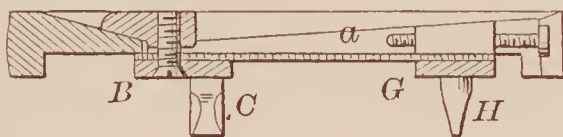
72482—R. Goole—*Car Coupling.*



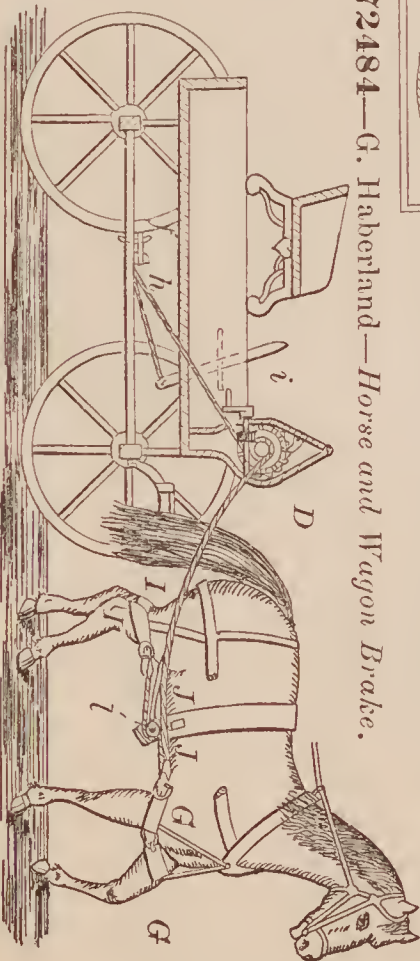
72486—W. Harris—*Nut Fastening.*



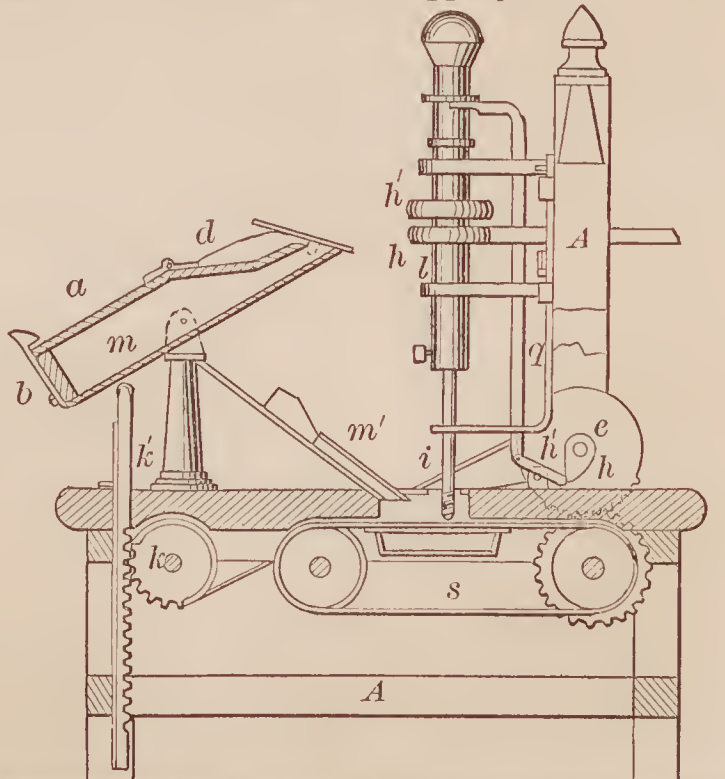
72485—P. Hanly—*Horse Shoe.*

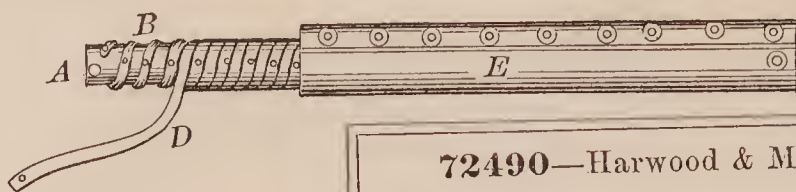
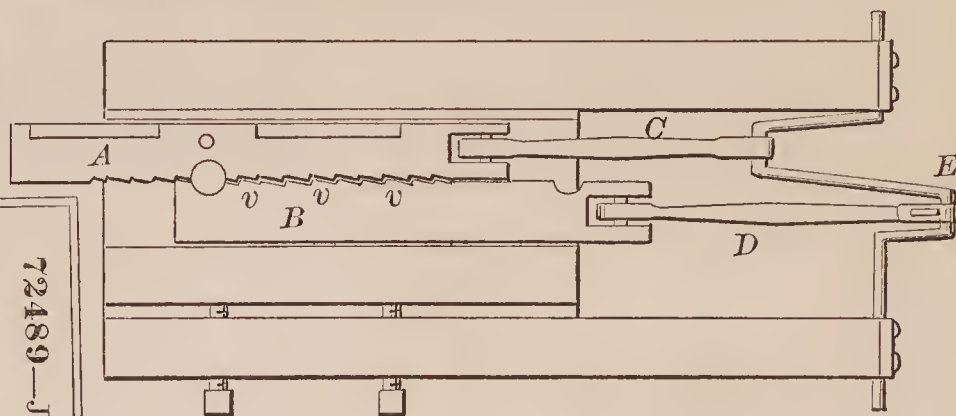
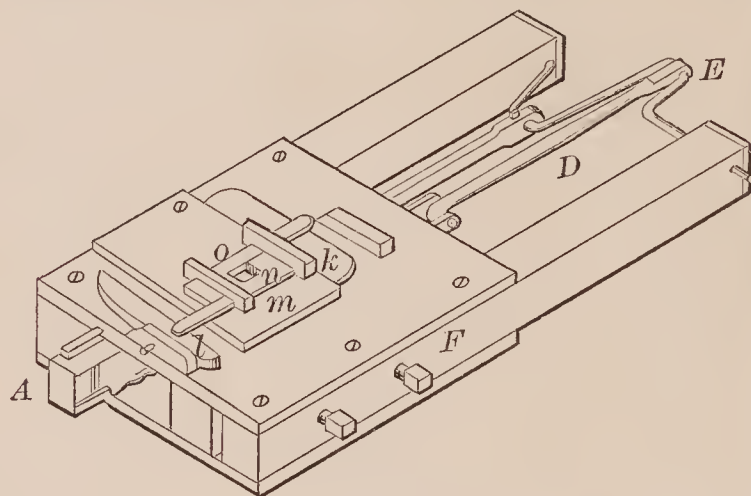
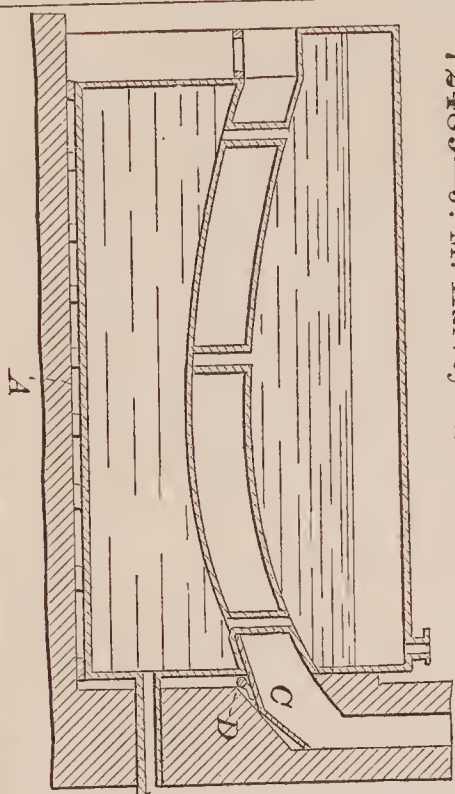
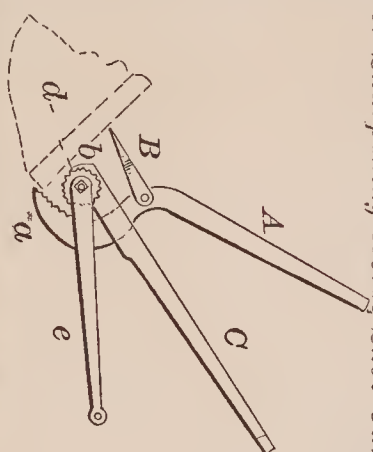
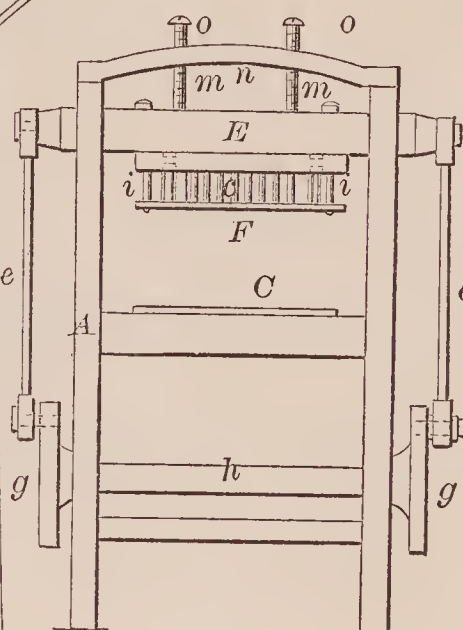
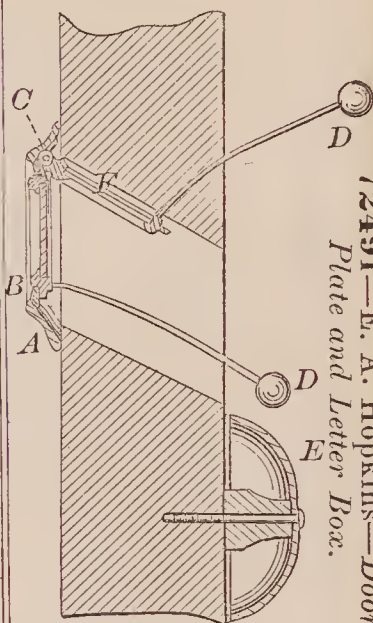
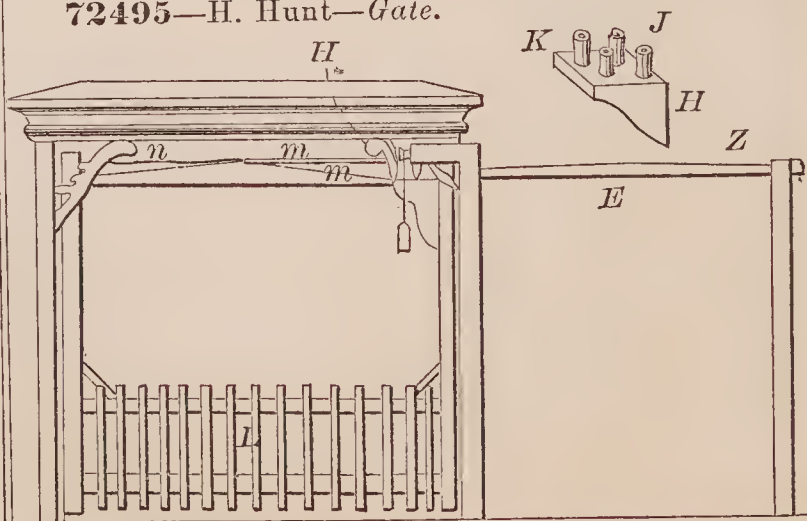
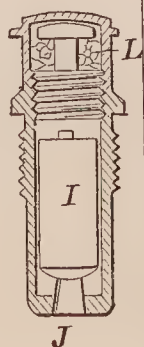
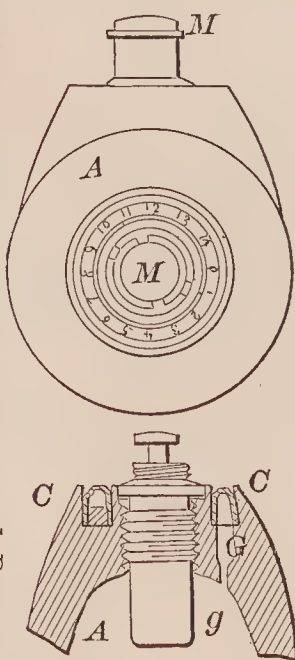


72484—G. Haberland—*Horse and Wagon Brake.*

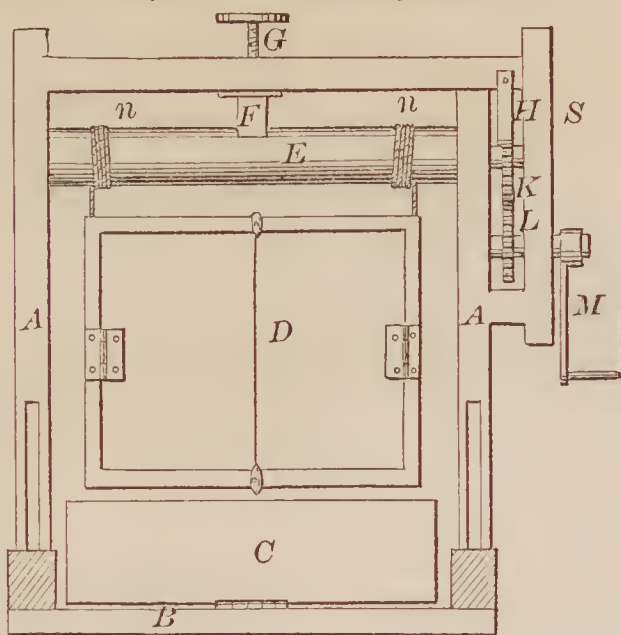


72487—Hart & Blakeslee—*Tapping Nuts.*

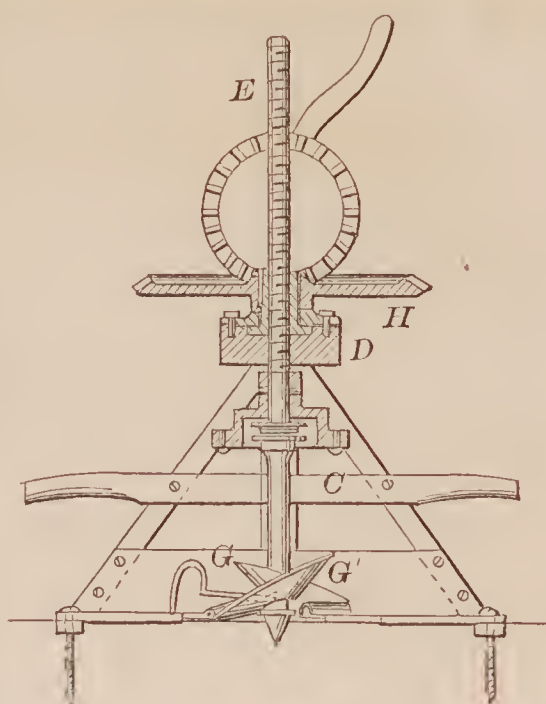


72488—H. Hartley—*Lining Hose.*72490—Harwood & Mickle—*For Threading Screws.*72489—J. M. Harvey—*Steam Generator.*72491—Hays, Duncan & Bowen—*For Sharpening Horse Shoe Calks.*72492—E. A. Hill—*For Punching Rubber Inner Soles.*72493—E. A. Hopkins—*Door Plate and Letter Box.*72495—H. Hunt—*Gate.*72494—B. B. Hotchkiss—*Time and Percussion Fuze for Explosive Shells.*

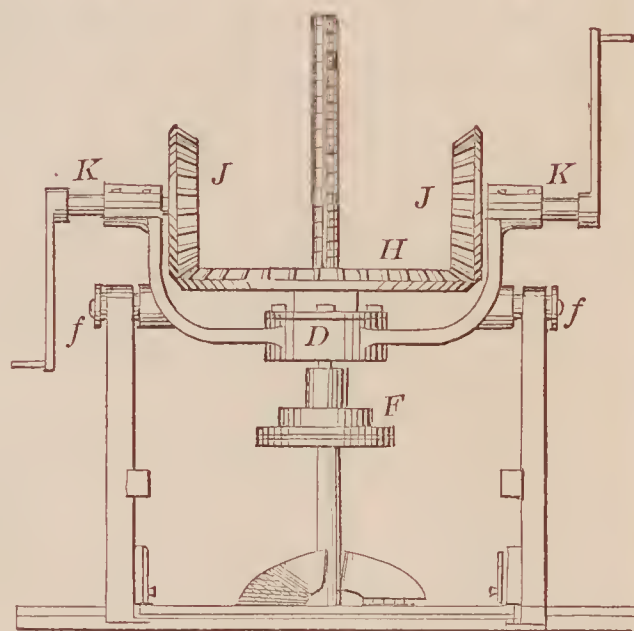
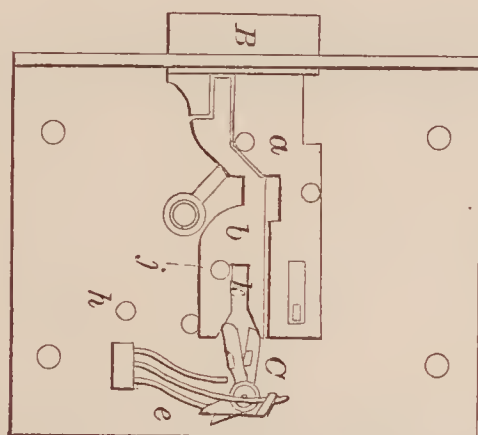
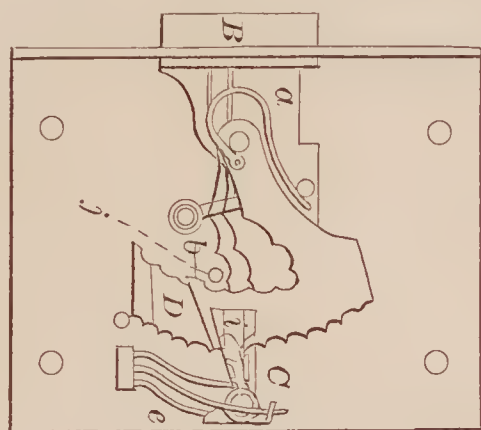
72496—D Hyre—Well Refrigerator.



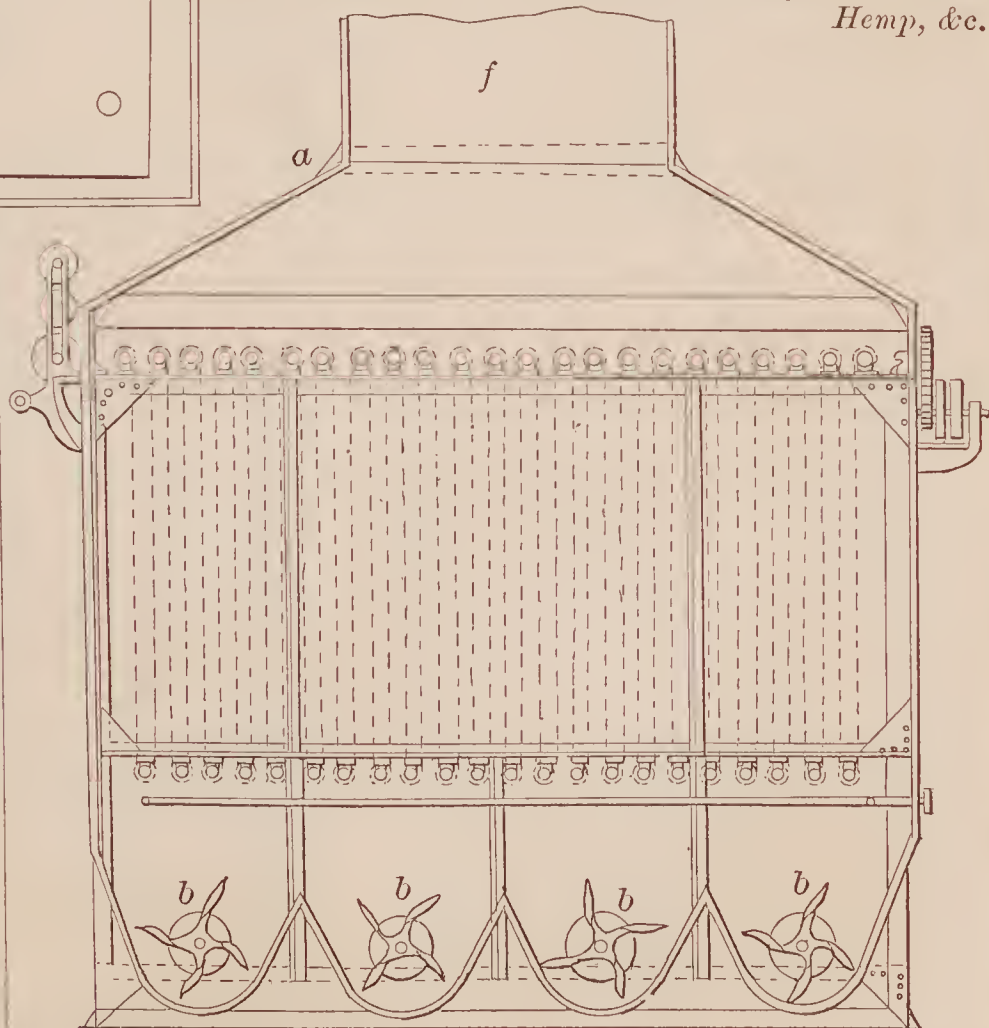
72497—W. R. Nes—For Boring Post Holes



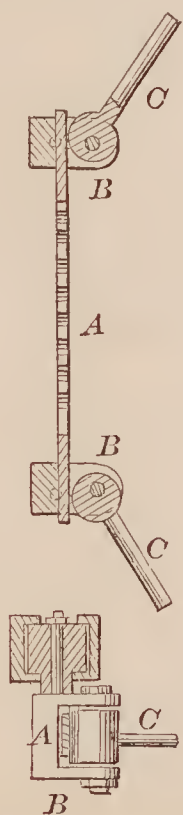
72499—H. Jackson—Door Lock.



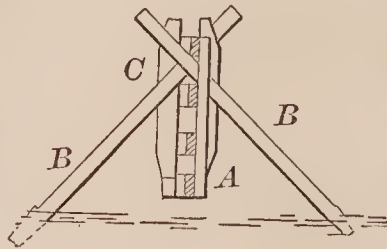
72500—L. Jarosson—Bleaching and Scouring Hemp, &c.



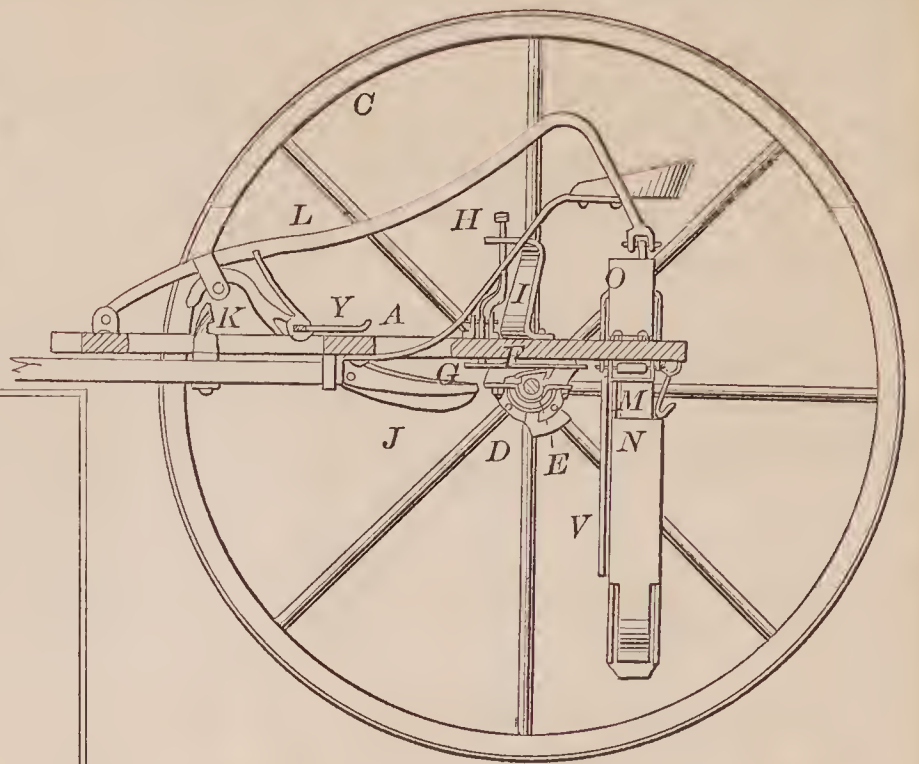
72498—W. Inman—Saw Mill.



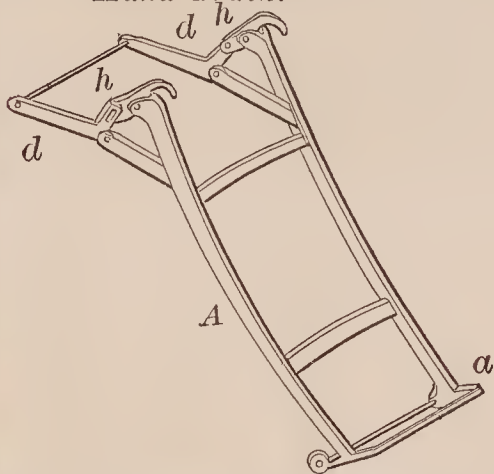
72504—H. A. Kephart—*Fence.*



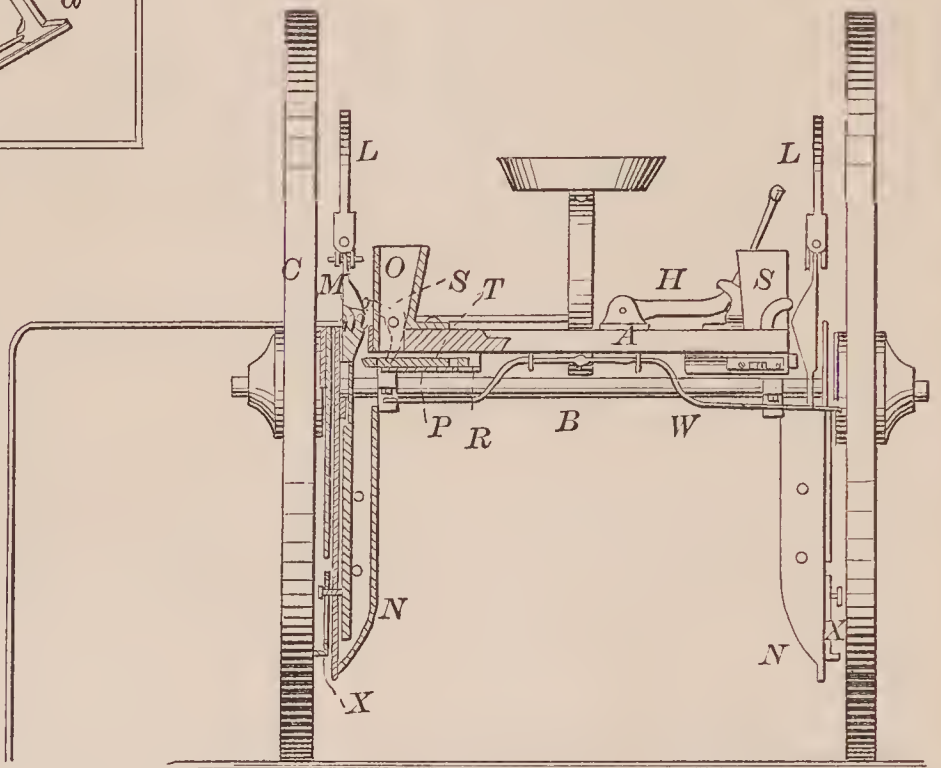
72501—H. J. Johnson—*Corn Planter.*



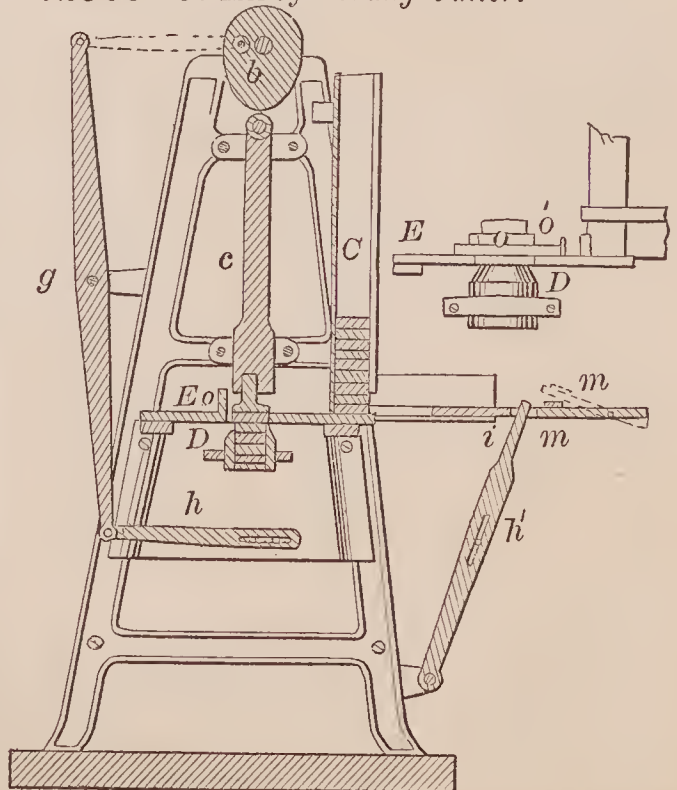
72503—T. W. Kennedy—*Hand Truck.*



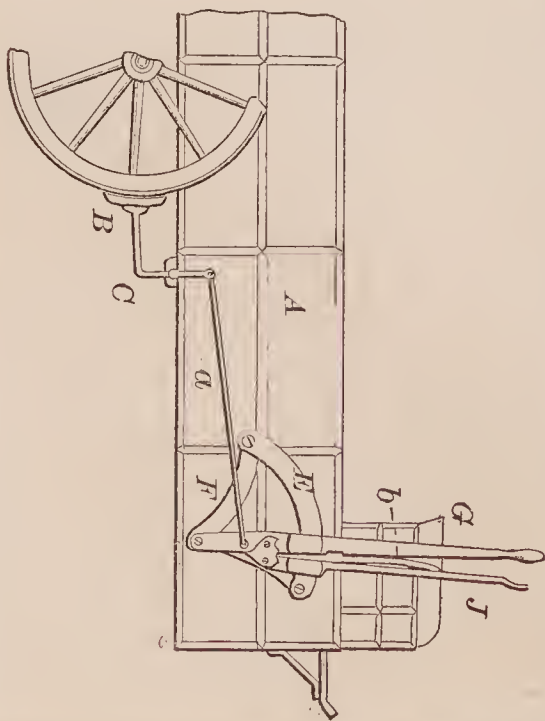
72506—C. Kirchof—*Candle Holder.*



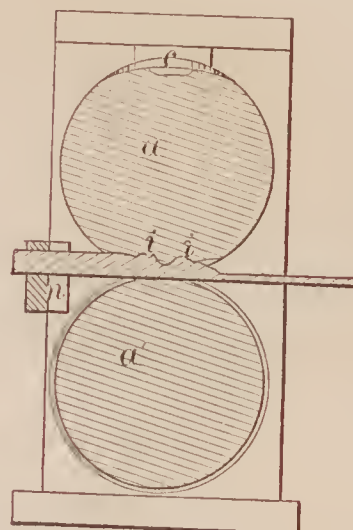
72505—J. Kirby—*Bung Cutter.*



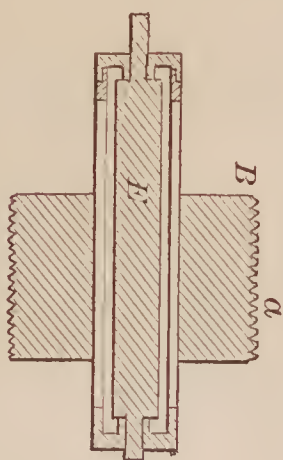
72502—W. K. Johnson—*Lock for Wagon Brakes.*



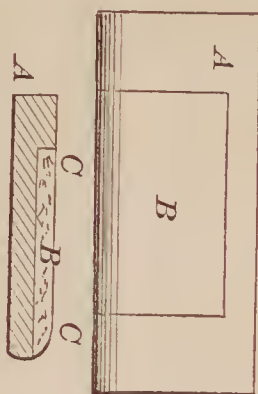
72512—M. Loughran—*For Rolling Clevis Blanks.*



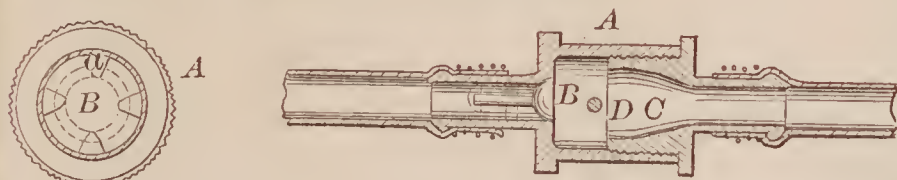
72509—J. O. Lewis—*Card Grinding Cylinder.*



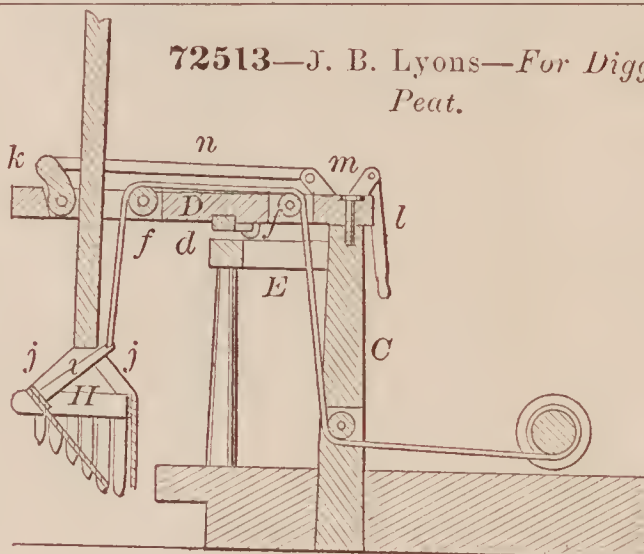
72507—J. Koch—*Stairs.*



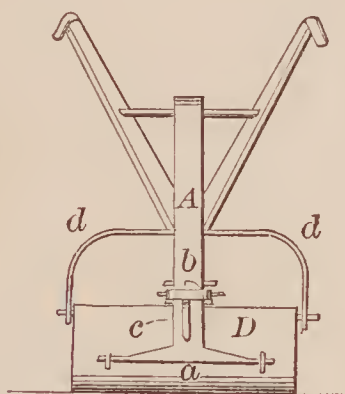
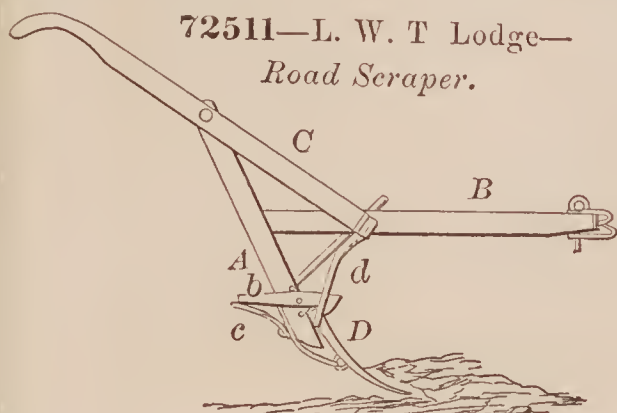
72508—N. Lawrence—*Syringe Valve.*



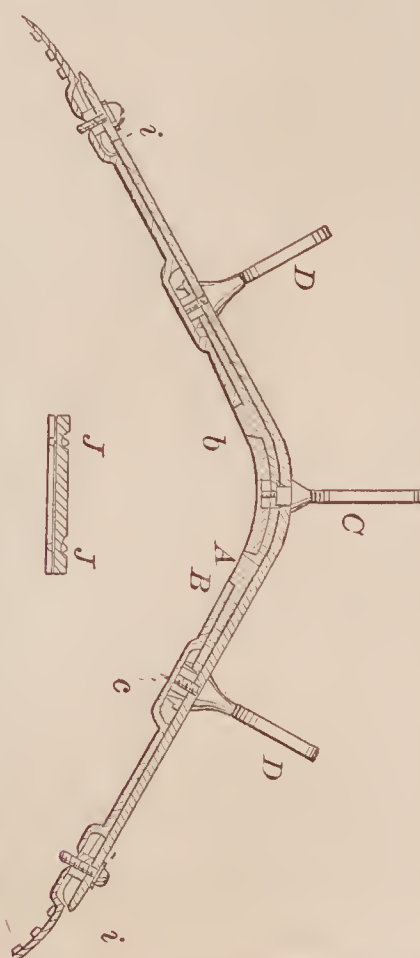
72513—J. B. Lyons—*For Digging Peat.*



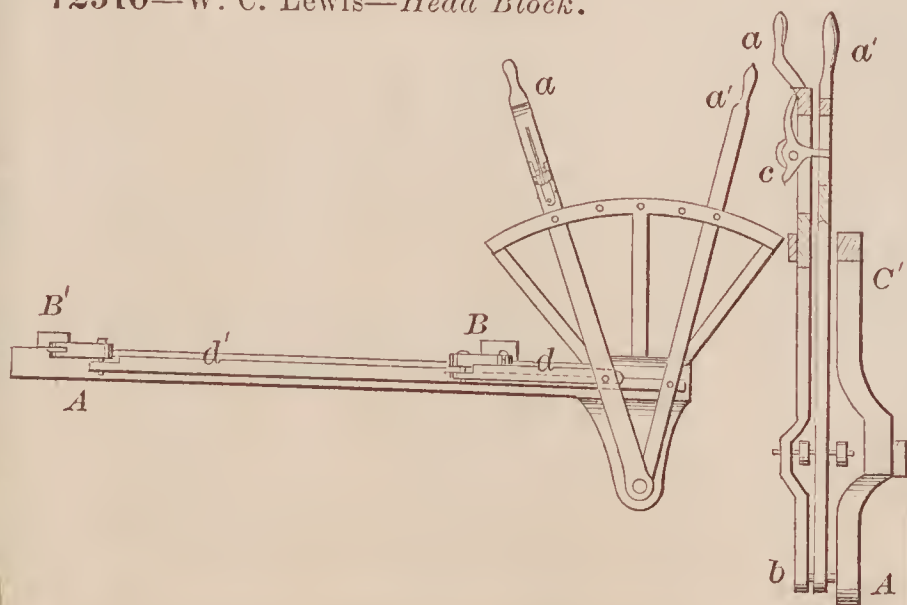
72511—L. W. T. Lodge—*Road Scraper.*



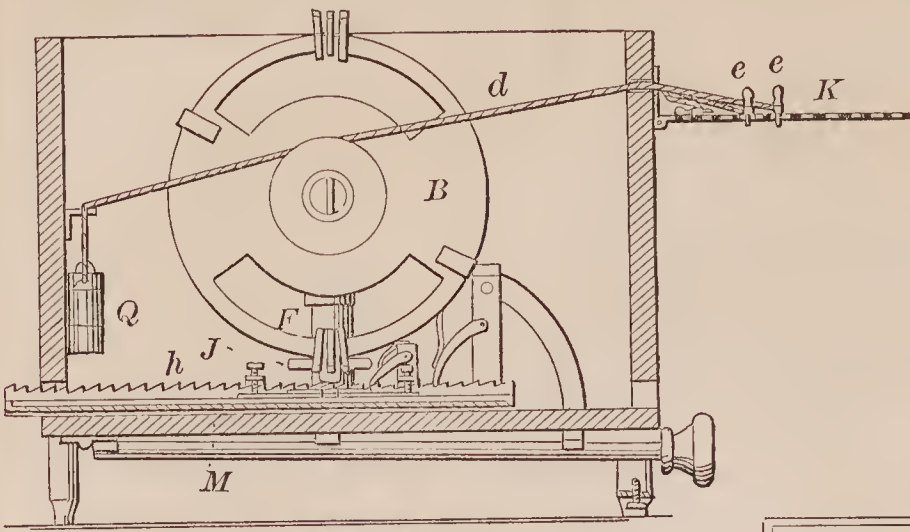
72514—J. Maclure—*Harness Pad.*



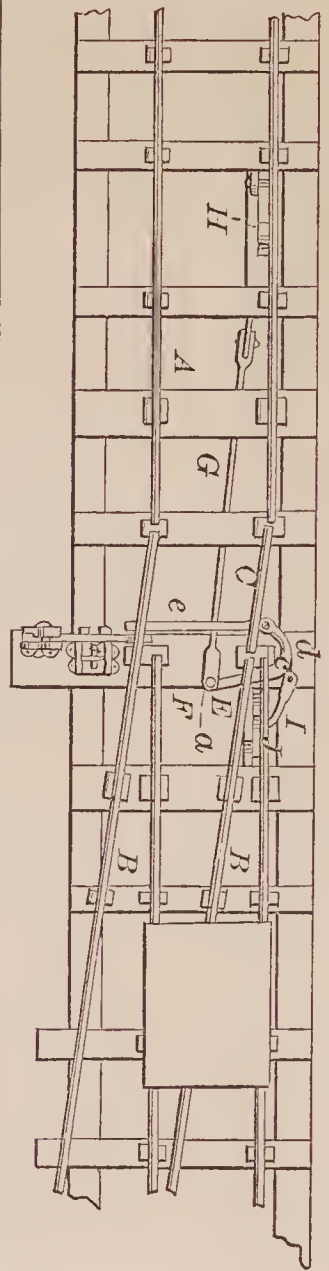
72510—W. C. Lewis—*Head Block.*



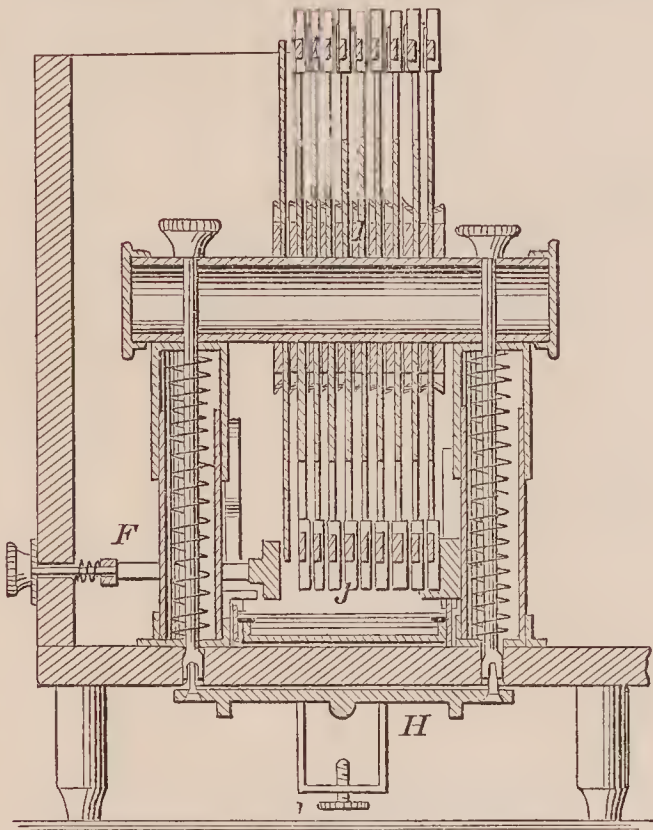
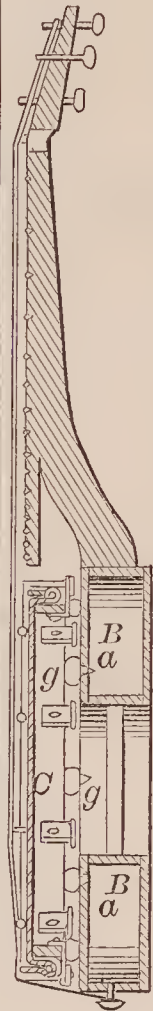
72515—J. Mac Nair—For Producing Stereotype Moulds.



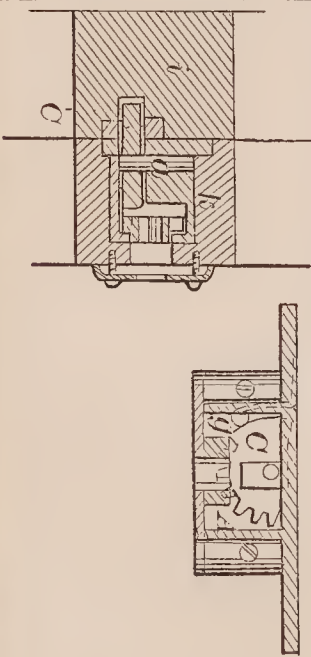
72519—S. C. Megill—Railroad Switch.



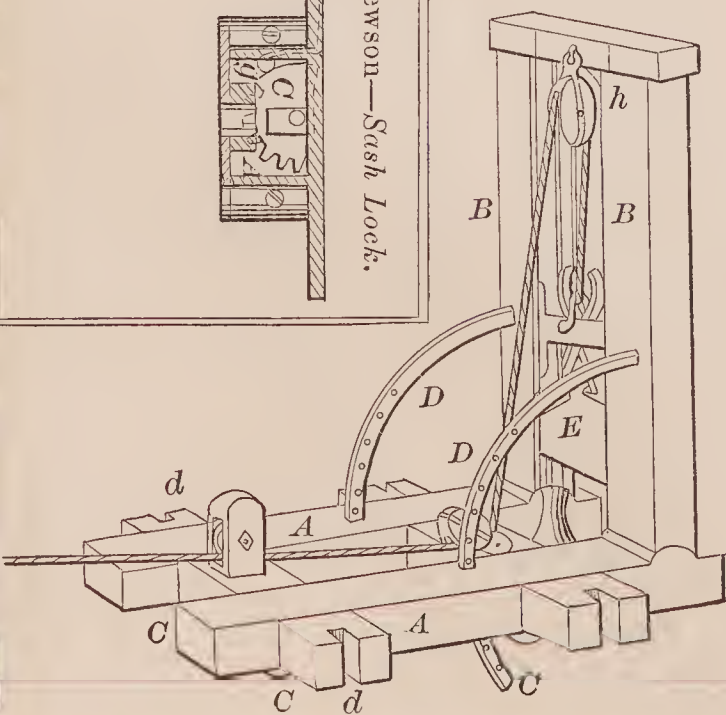
72517—J. Mayberger—Banjo.



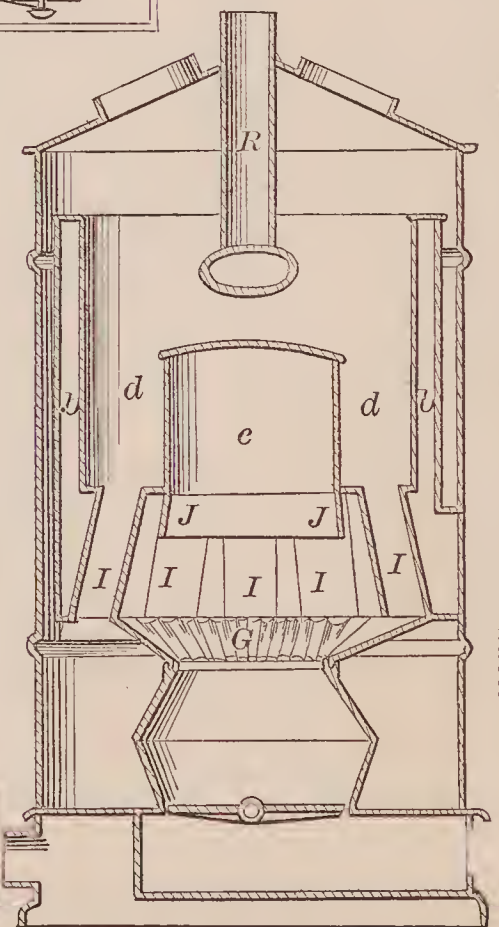
72516—N. F. Mathewson—Sash Lock.



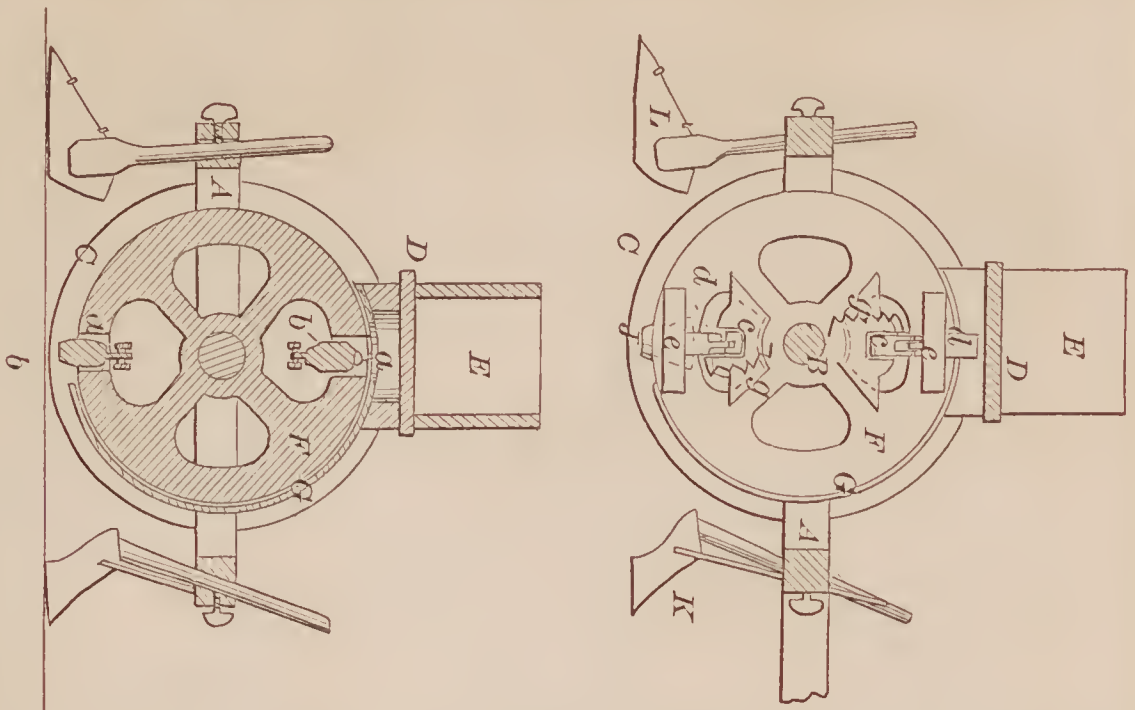
72518—McCullough & Robins—Post Driver.



72520—G. F. Merkle—Hot Air Furnace.



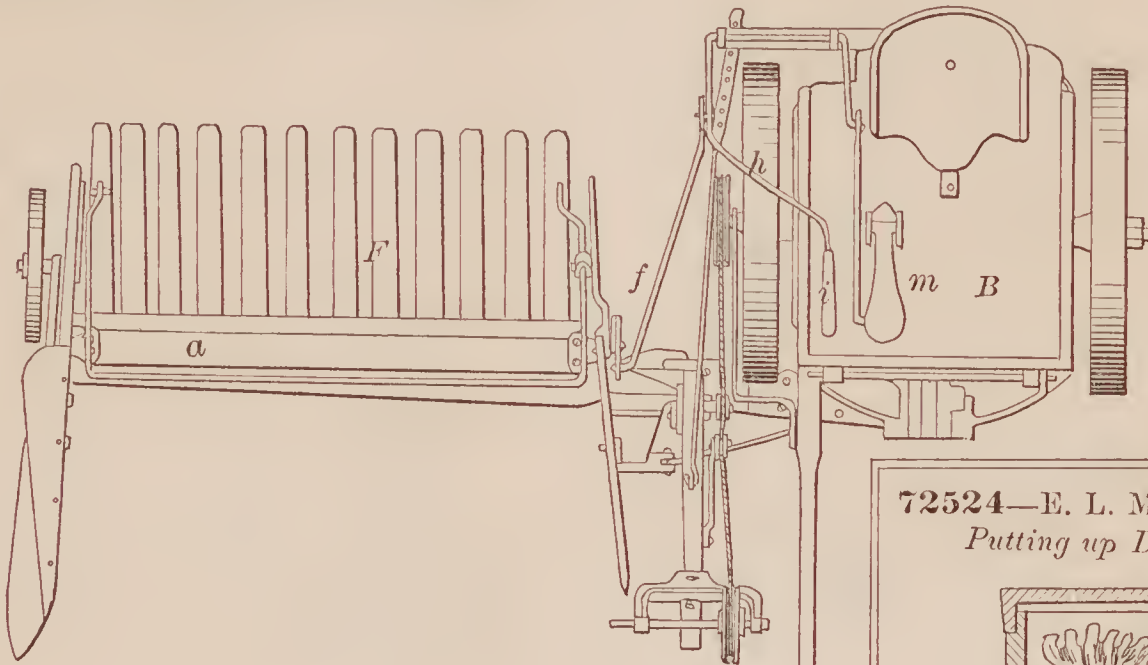
72525—R. W. Moran—*Corn Planter.*



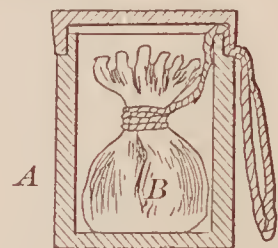
72521—R. S. Mershon—*Greaver.*



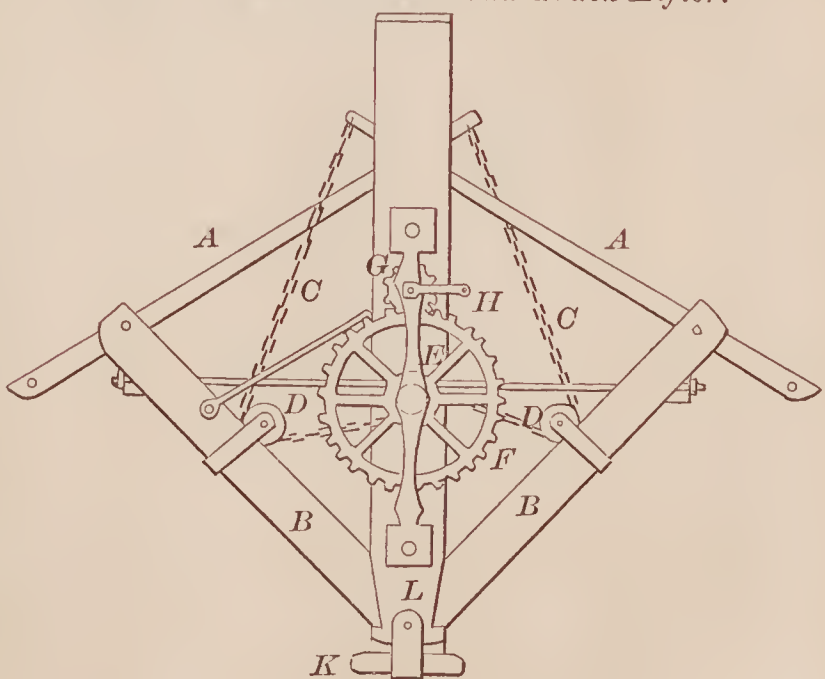
72523—J. Miller—*Harvester Dropper.*



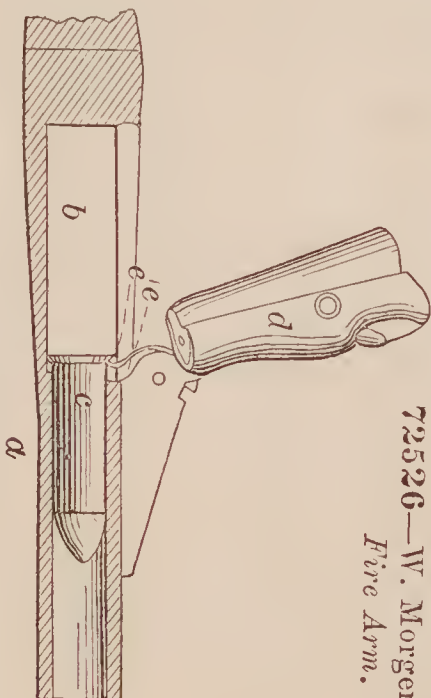
72524—E. L. Molineux—*Putting up Dyes.*



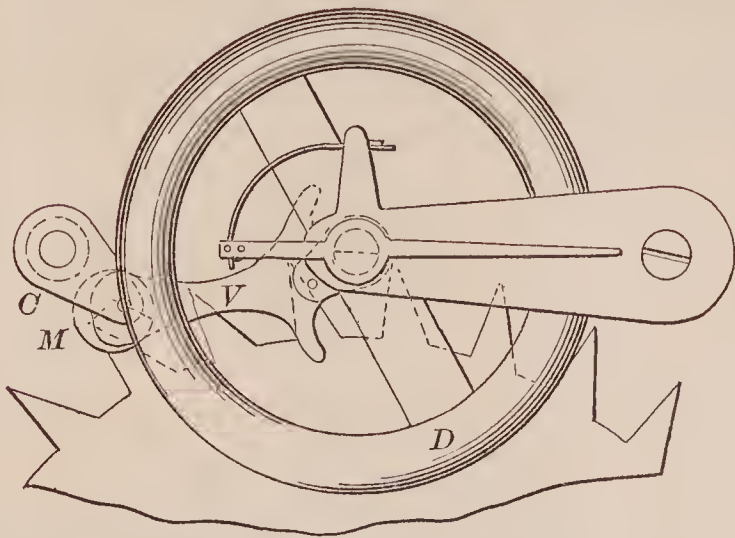
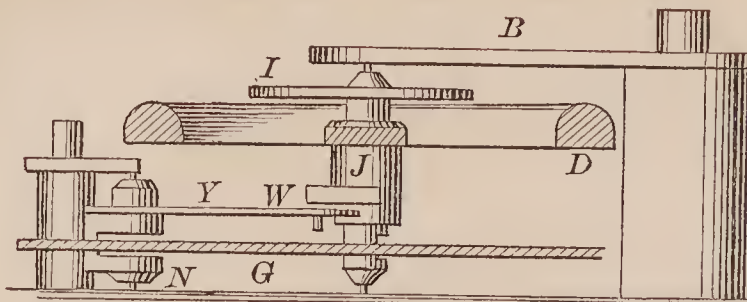
72527—J. Morton—*Railroad Track Lifter.*



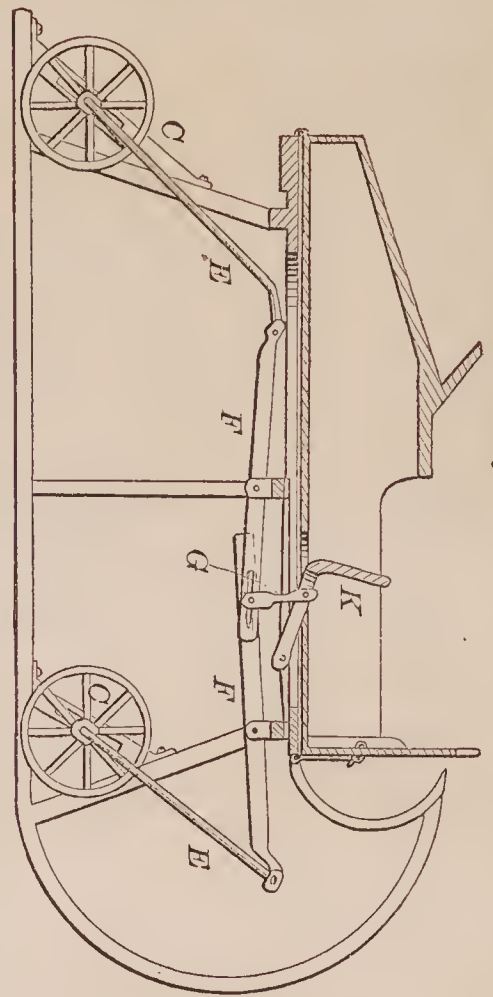
72526—W. Morgenstern—*Fire Arm.*



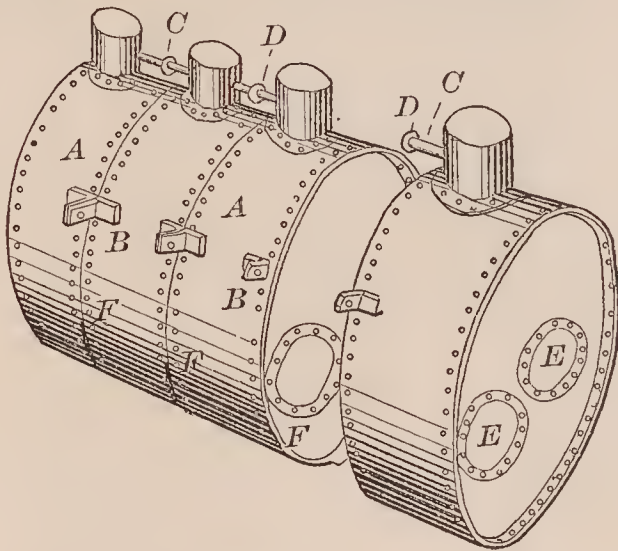
72528—D. J. Mozart—*Watch.*



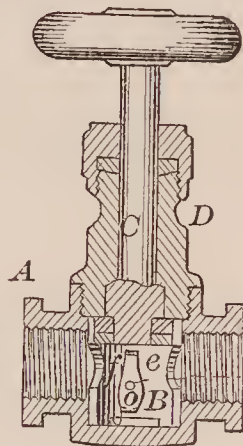
72532—Palmer & Beard—*Sleigh.*



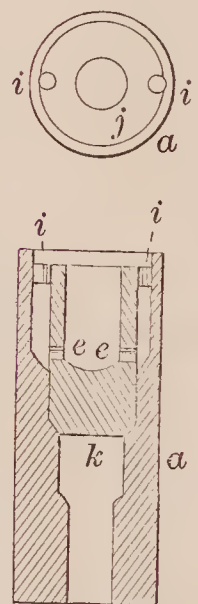
72530—A. W. Newell—*Steam Generator.*



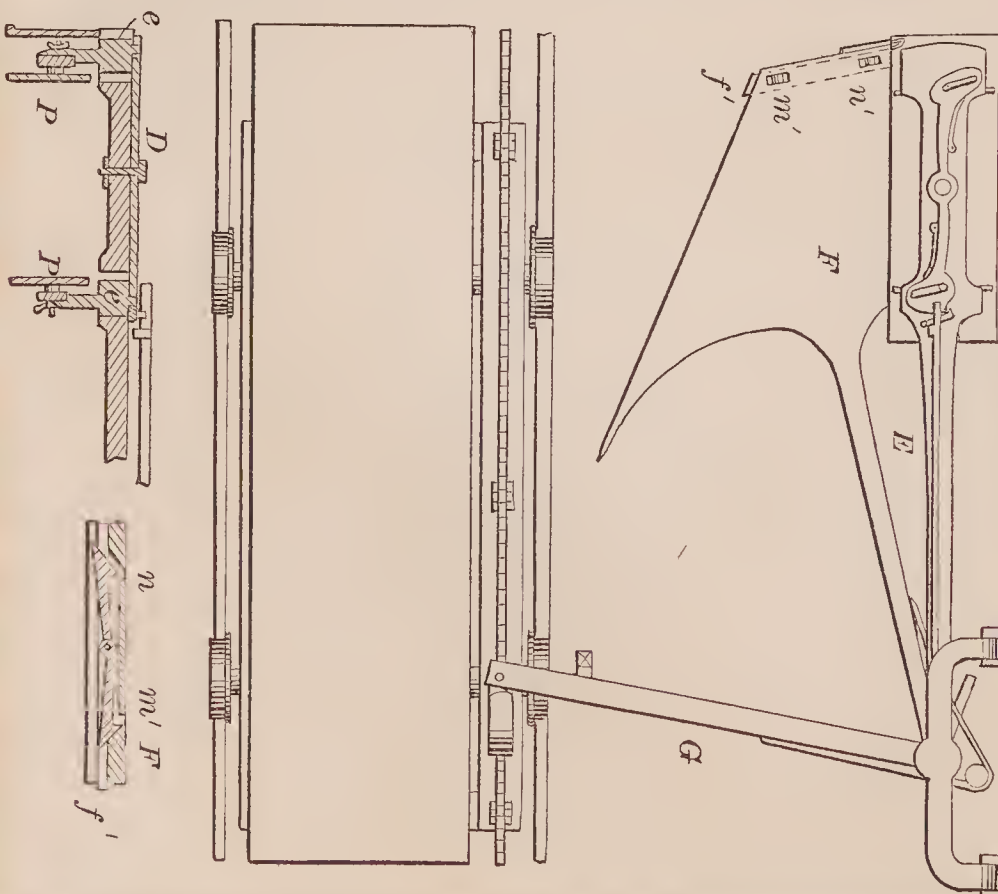
72529—G. Murray—*Valve.*



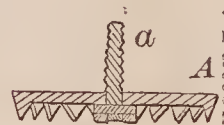
72531—G. H. Noble—*Spindle Step.*



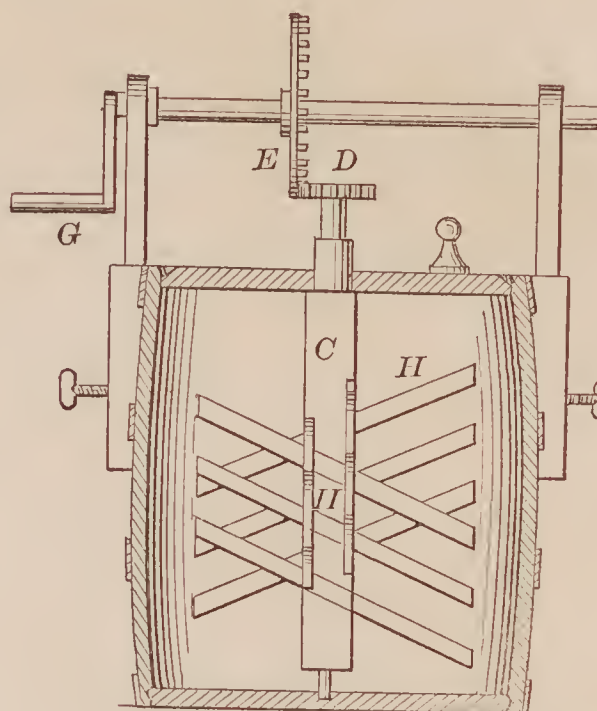
72533—S. Patten—*For Removing Moulded Forms from the Press.*



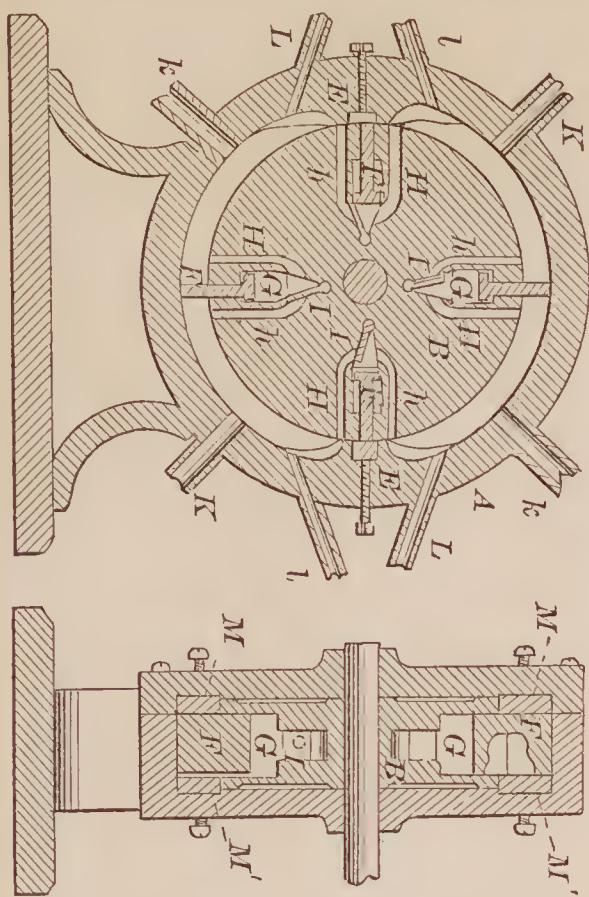
72534—W. P. Patton—*Ice Creeper.*



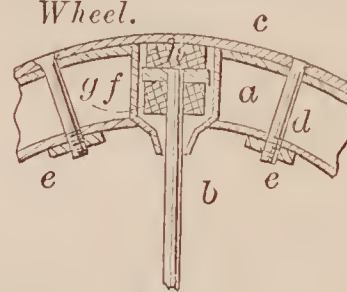
72535—T. Payne—Churn.



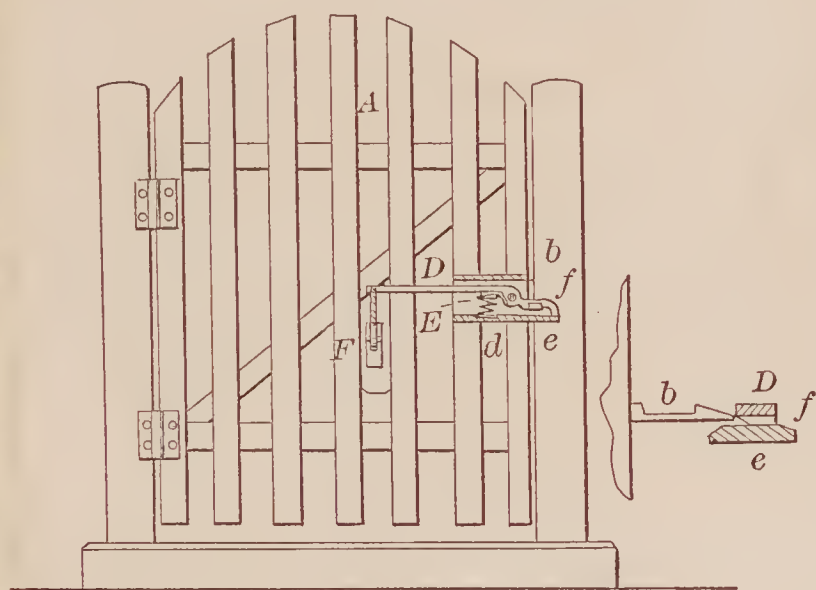
72537—R. D. Pettit—Rotary Steam Engine.



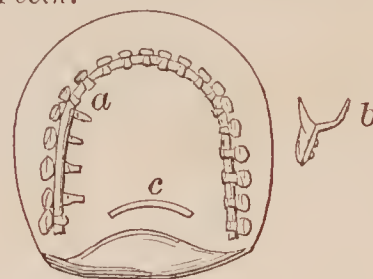
72538—J. Raddin—Carriage Wheel.



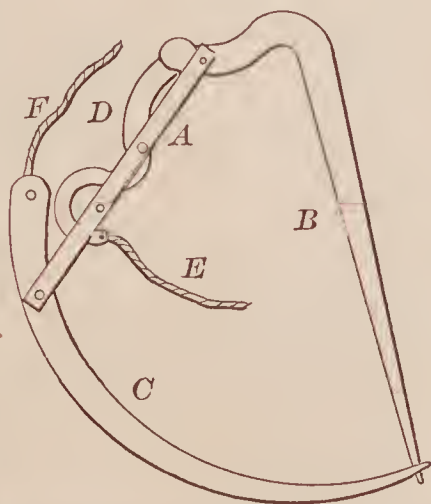
72536—W. W. Peck—Gate Fastening.



72541—W. Reynolds—Artificial Teeth.



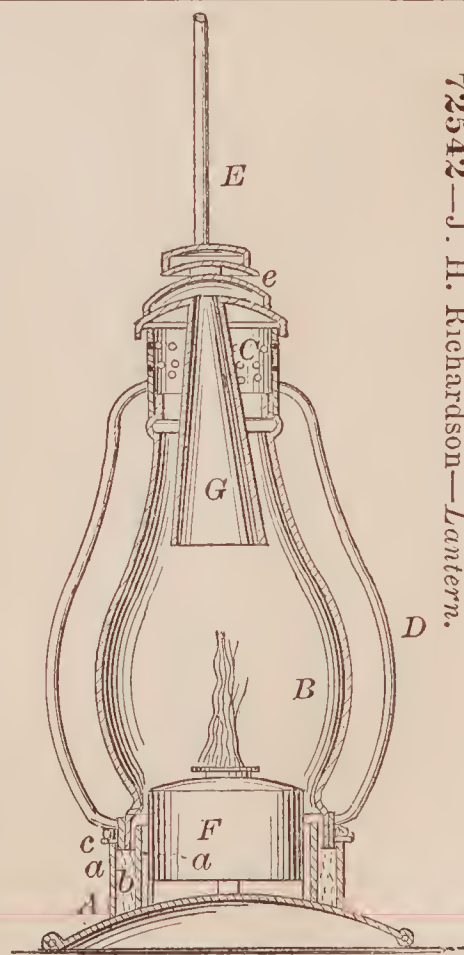
72540—C. W. Reed—Hay Fork.



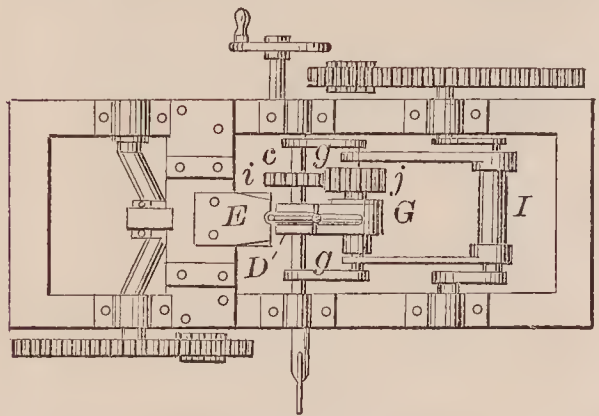
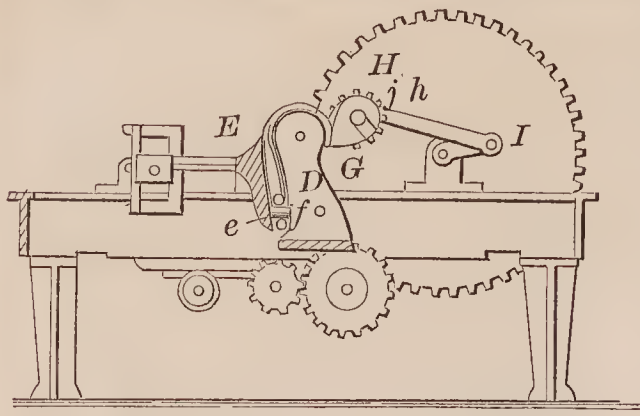
72539—J. L. Reber—Cane and Thermometer.



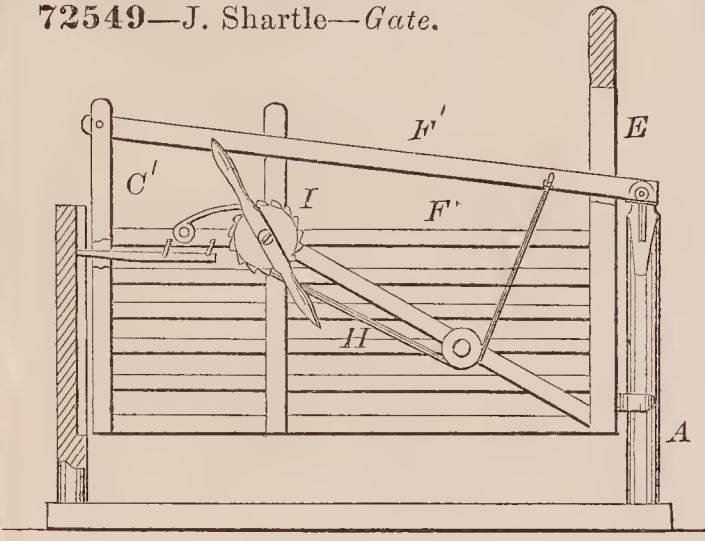
72542—J. H. Richardson—Lantern.



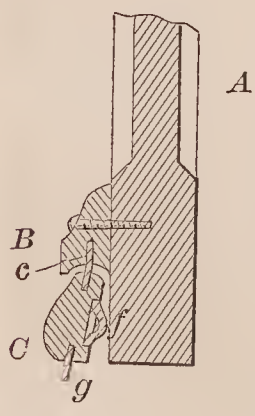
72547—R. B. Sears—*For Bending Hooks.*



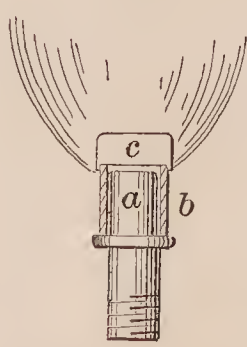
72549—J. Shartle—*Gate.*



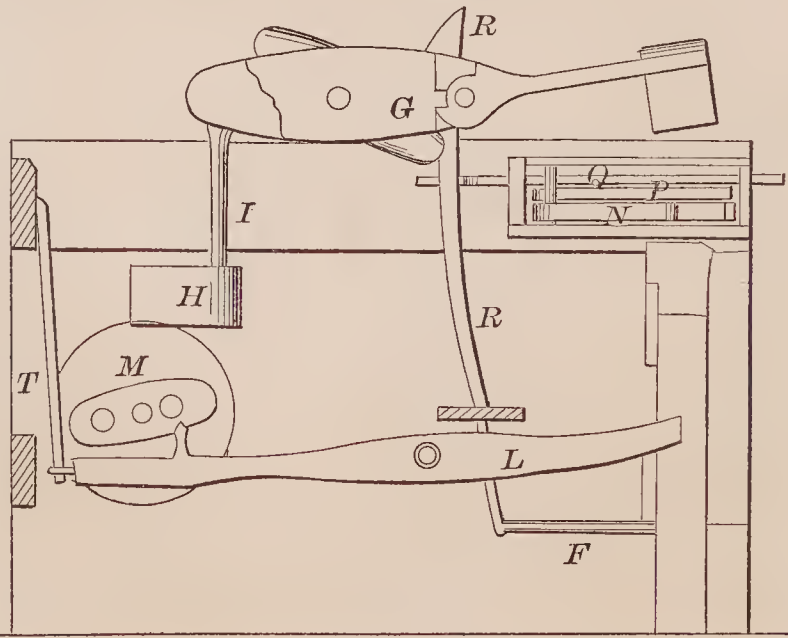
72543—H. A. Robinson—*Weather Strip.*



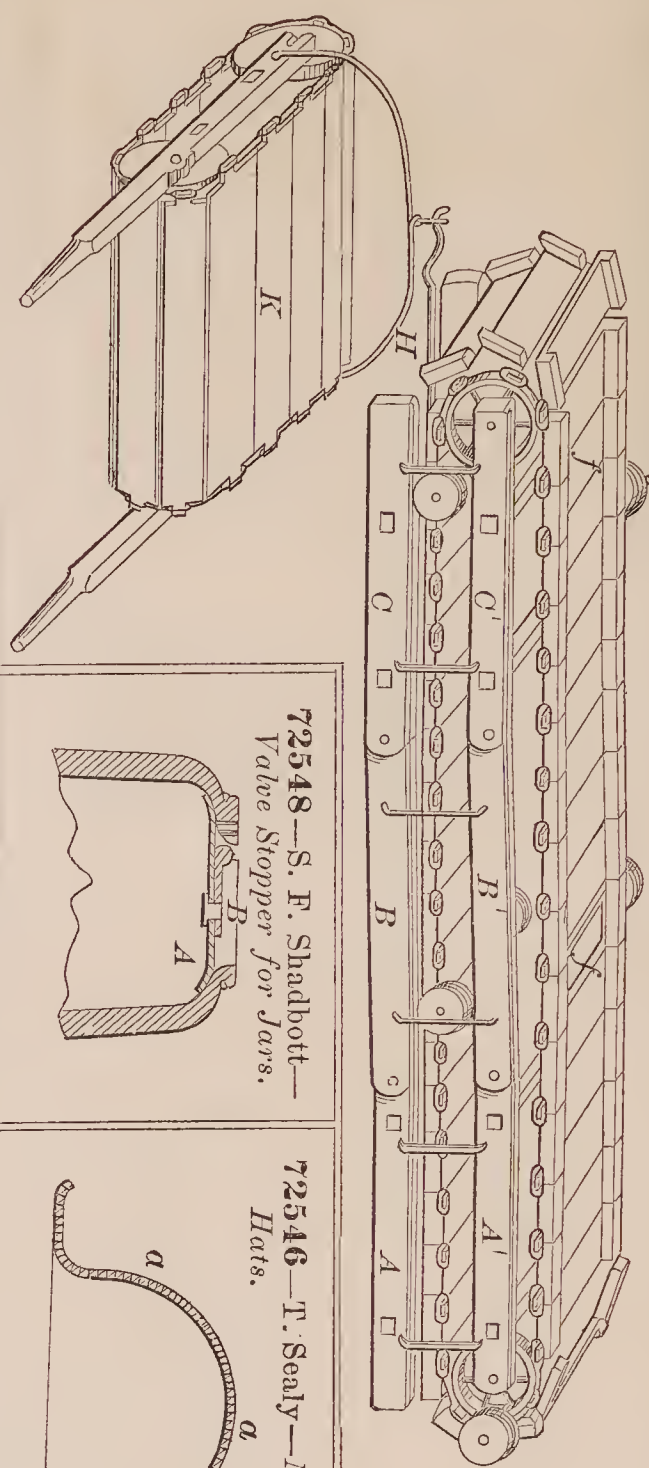
72545—J. Scholl—*Gas Burner.*



72550—A. Shaw—*For Making Horse Shoe Nails.*



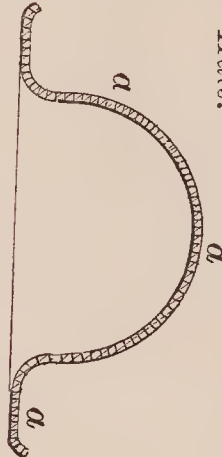
72544—N. Russell—*Earth Conveyor.*



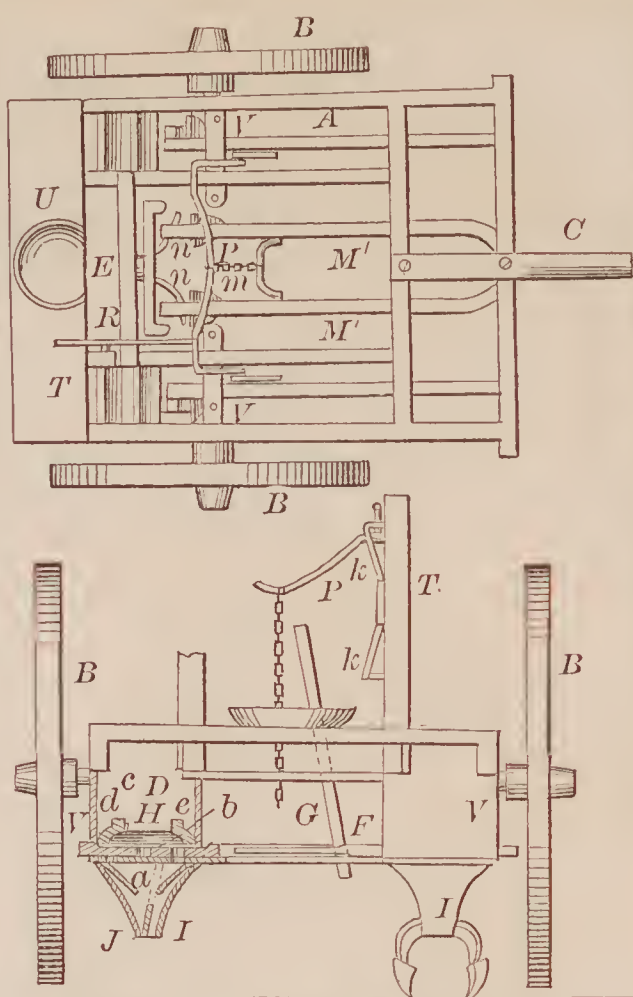
72548—S. F. Shadbot—*Valve Stopper for Jars.*



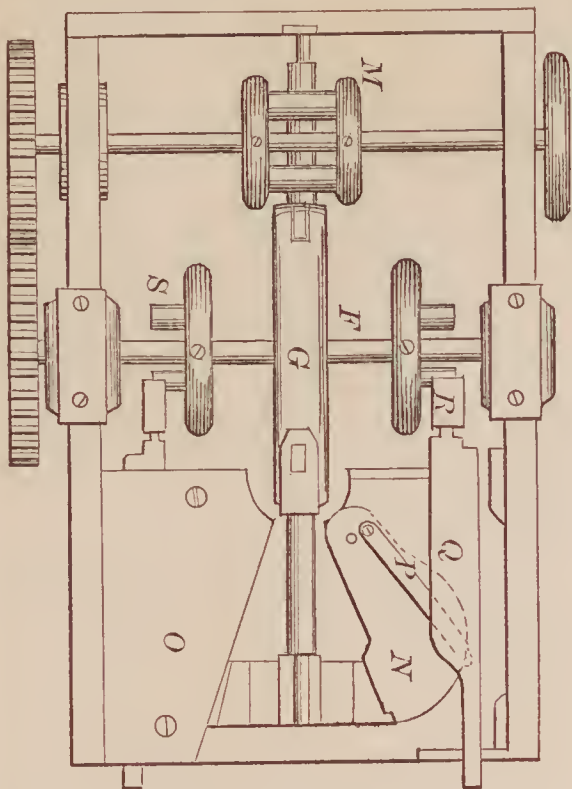
72546—T. Sealy—*Manufacturing Hats.*



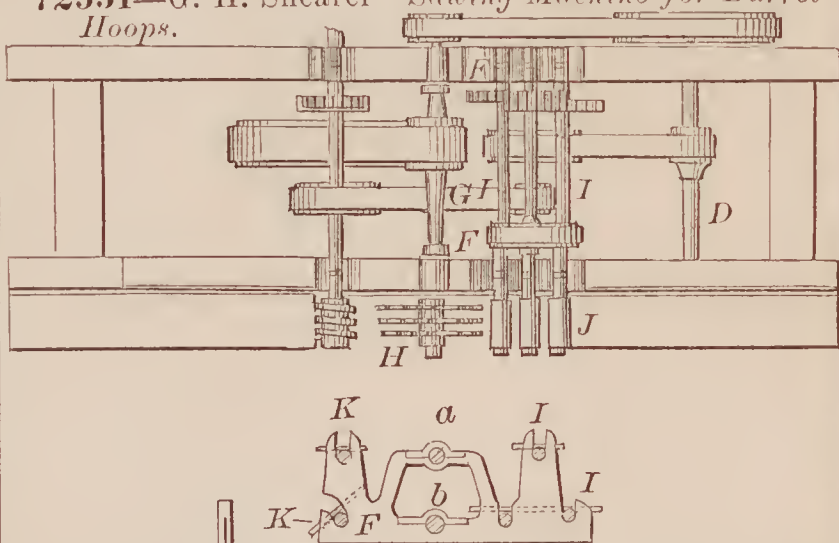
72556—M. R. Snodgrass—Seed Planter and Cultivator.



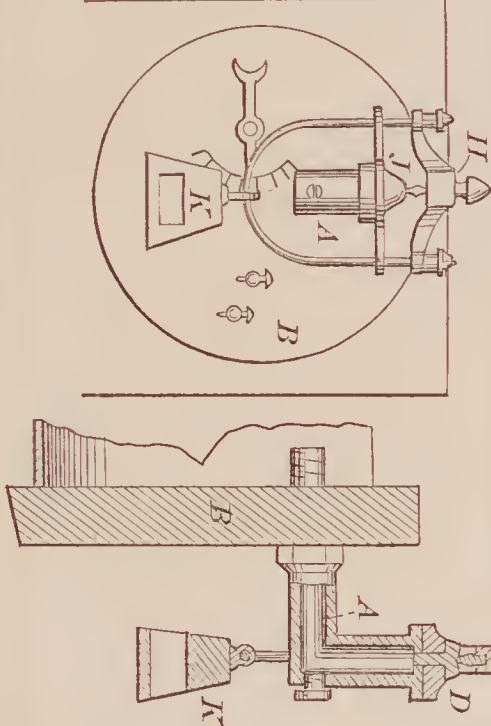
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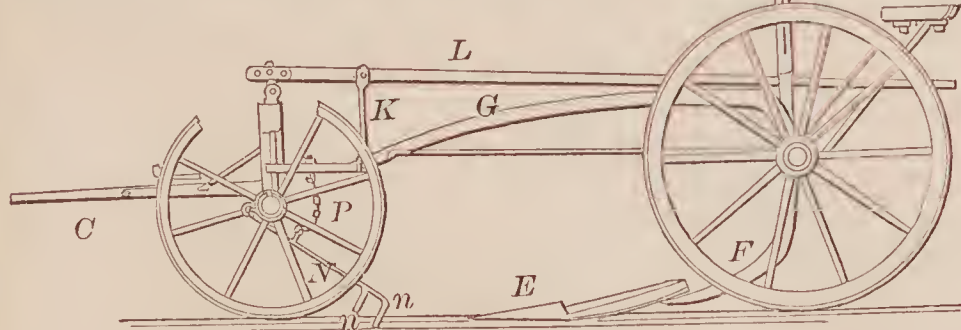
72551—G. H. Shearer—Sawing Machine for Barrel Hoops.



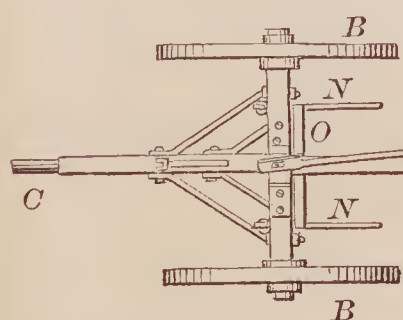
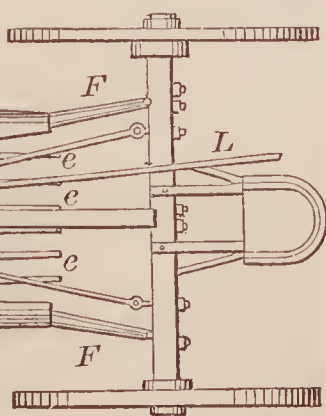
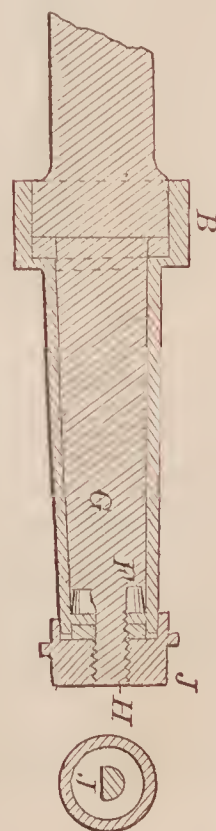
72554—J. Slater—Steam Safety Valve.

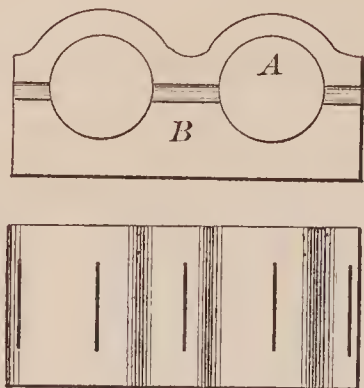
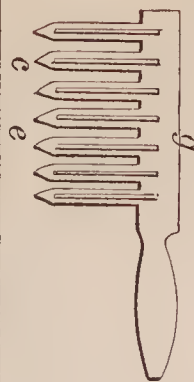
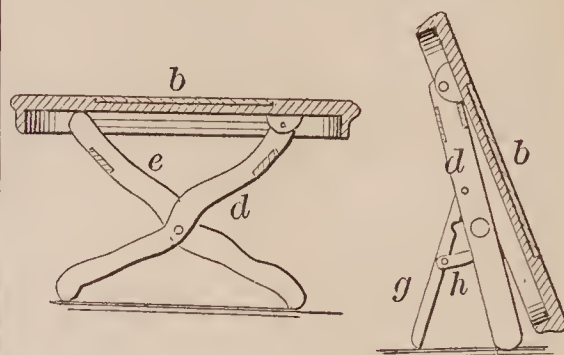
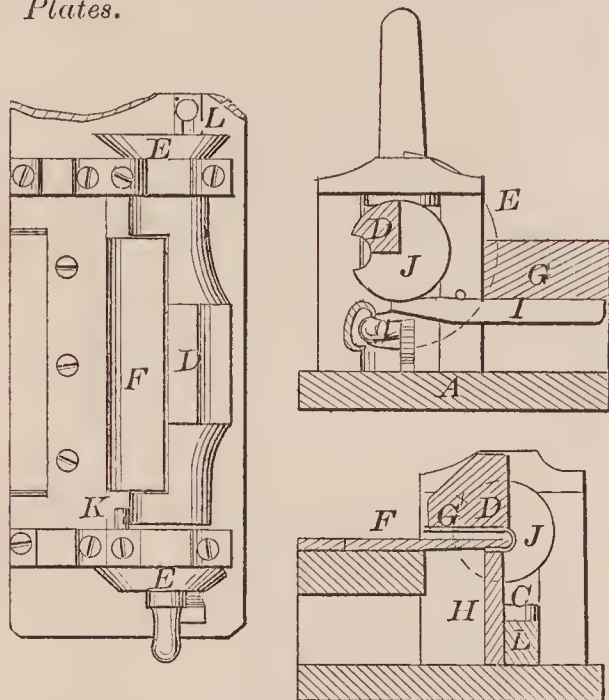
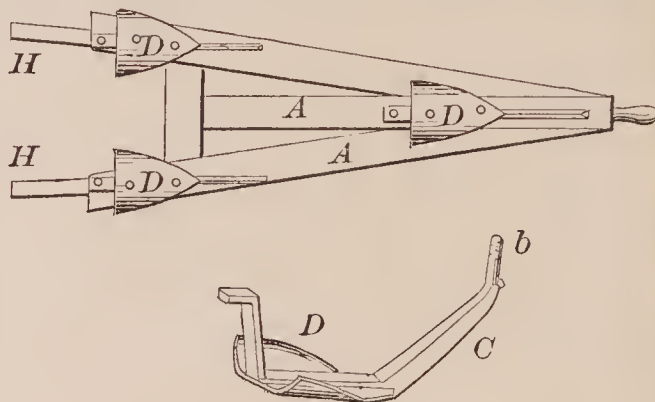
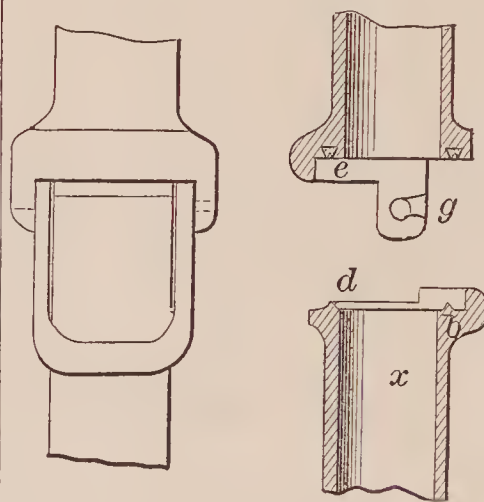
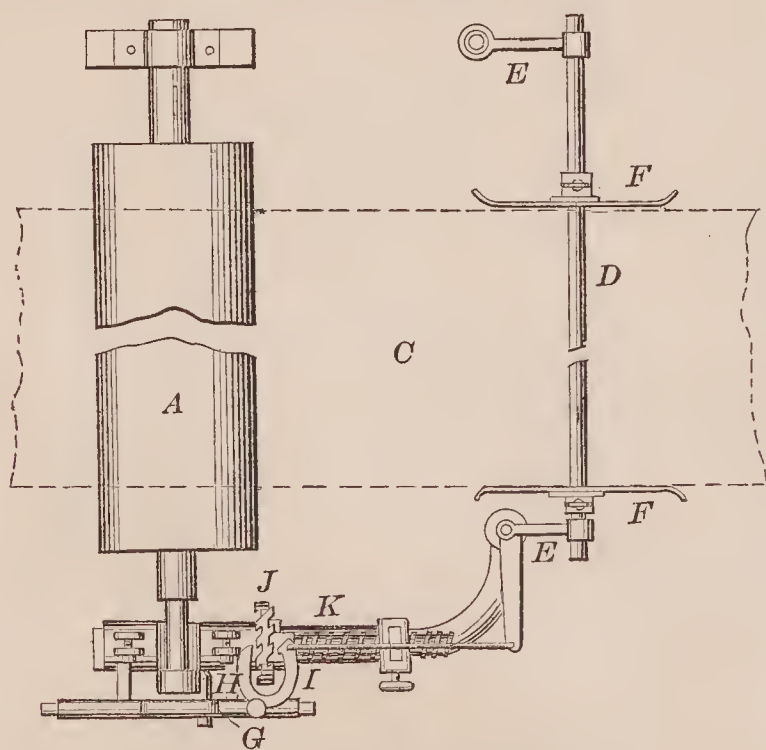
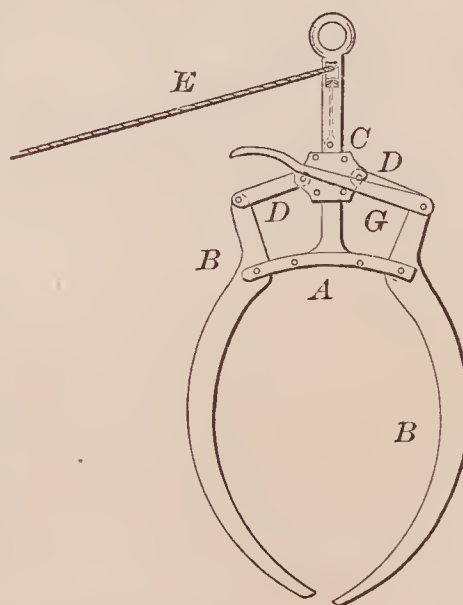
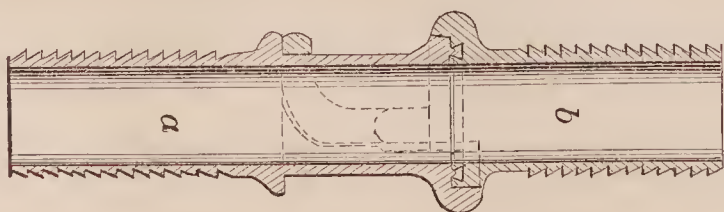


72552—T. W. Shepard—Potato Digger.

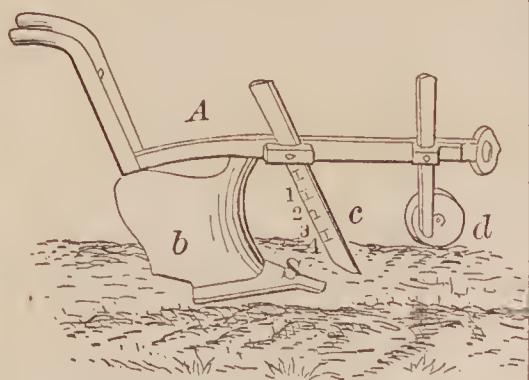


72555—A. E. Smith—Wagon Axle.

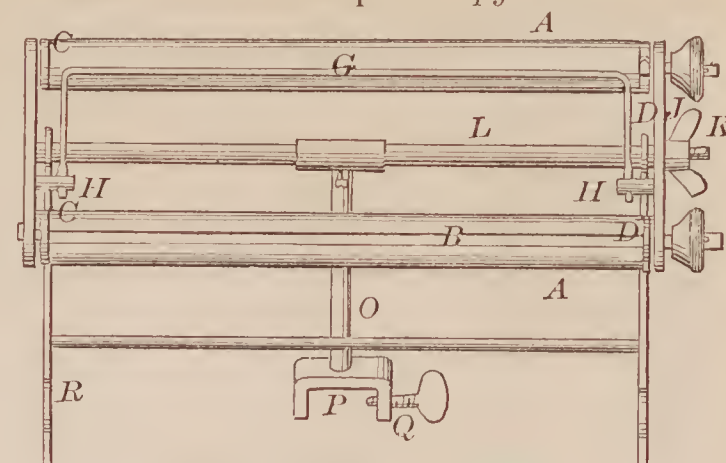


72557—J. S. Stewart—*Building Block.*72558—L. S. Stimson—*For Dyeing Hair.*72562—J. Sutter—*Folding Table.*72561—O. W. Stow—*For Folding Tinned Plates.*72560—Storrs, Keyes & Jones—*Cultivator.*72566—N. Thompson—*Pipe Coupling.*72564—F. Thiry—*Paper Machine.*72567—L. N. Tinkham—*Horse Hay Fork.*72565—N. Thompson—*Hose Coupling.*

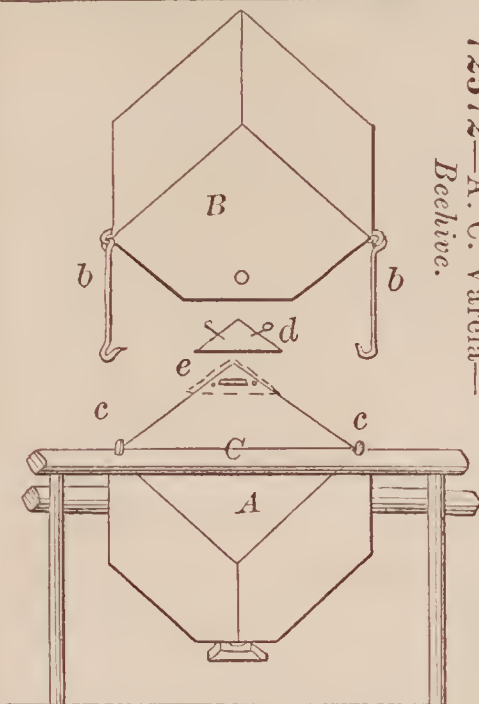
72568—W. D. Titus—*Plow*.



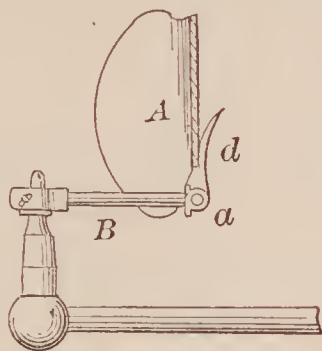
72569—H. A. Tremper—*Copy Holder.*



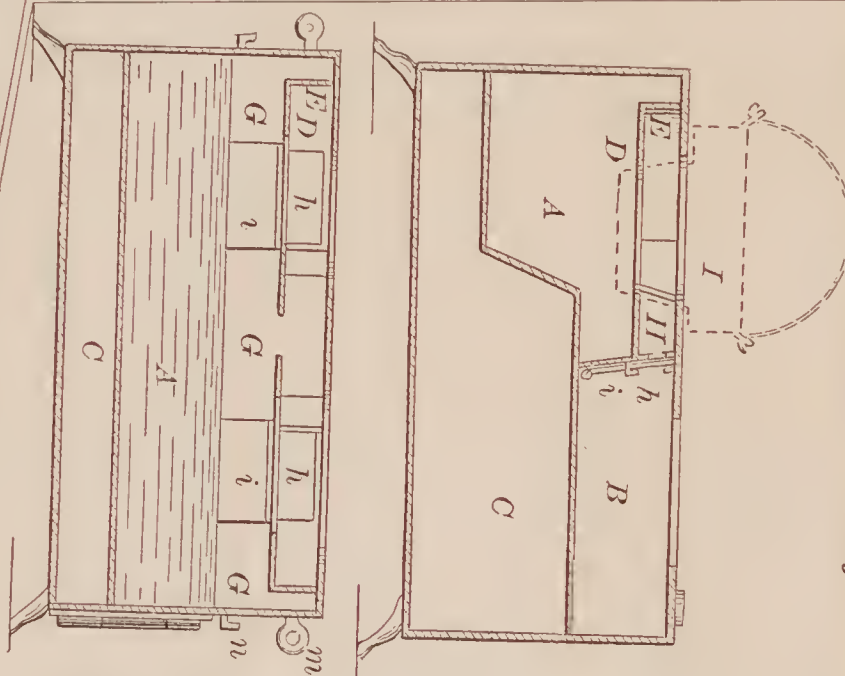
72572—A. C. Varela—
Beehive.



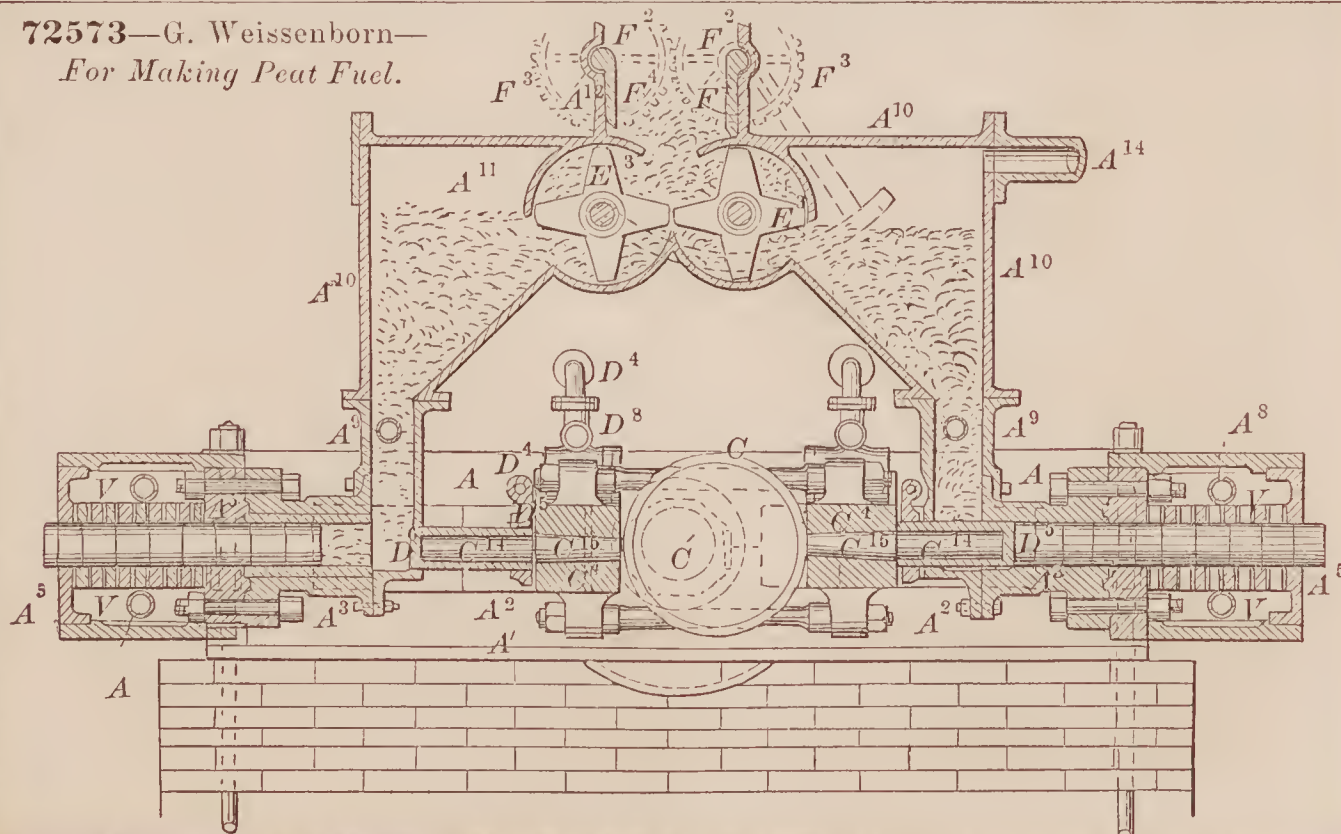
72570—W. Ulrich—*Reflector.*



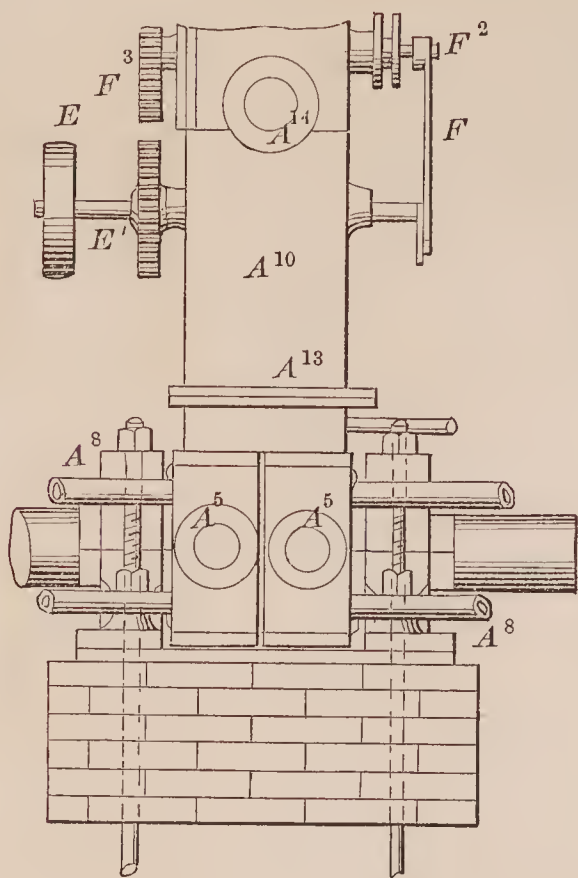
72571—C. Van De Mark—Cooking Stove.



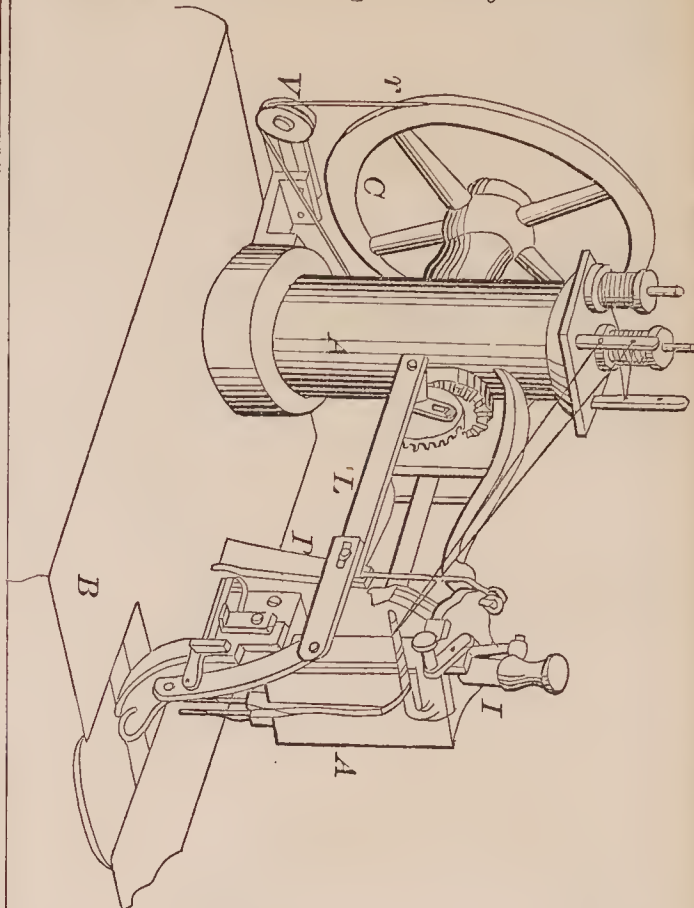
72573—G. Weissenborn—
For Making Peat Fuel.



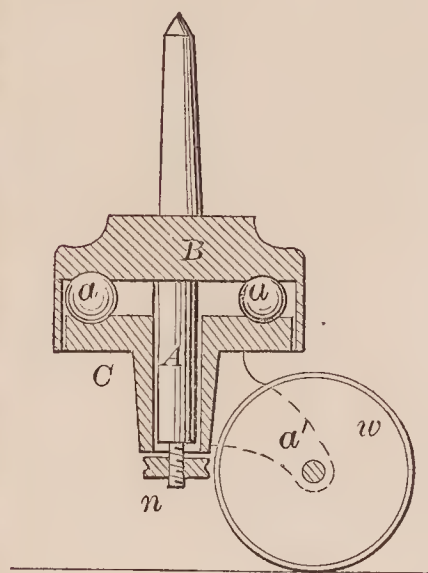
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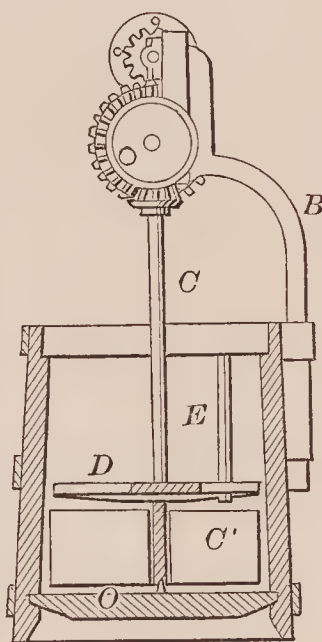
72574—W. Weitling—Sewing Machine.



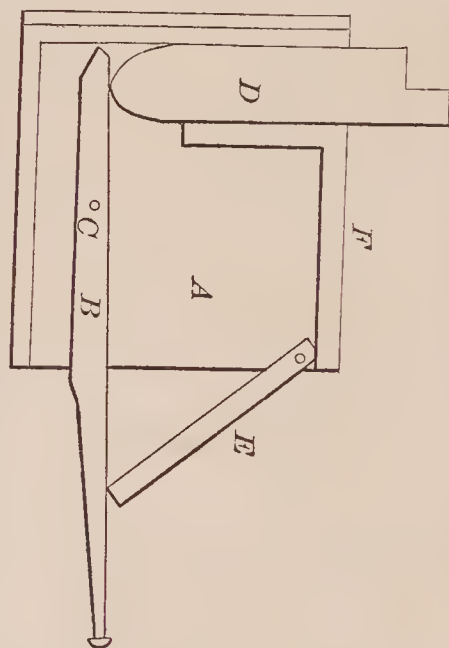
72575—J. White—Caster.



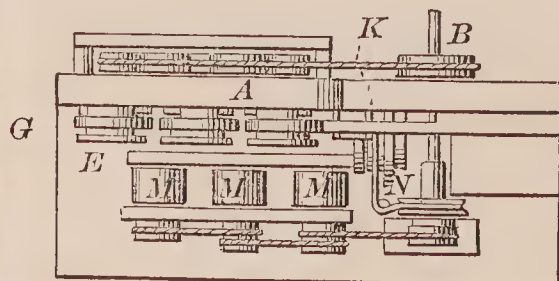
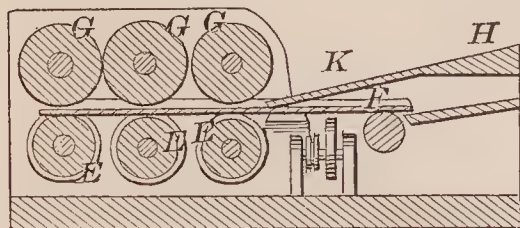
72576—Ward & Nelson—Churn.



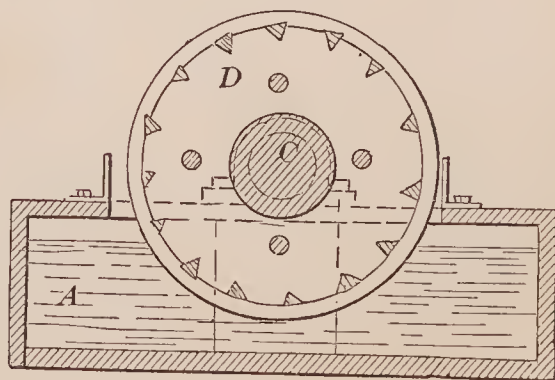
72577—T. Wiles—Jack.

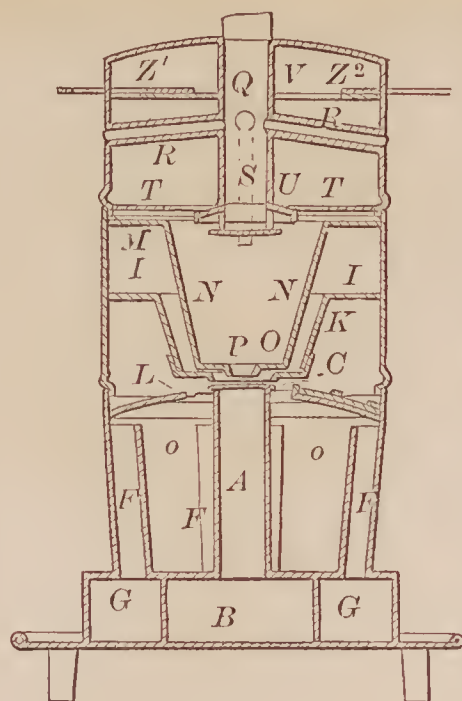


72578—J. E. Withers—For Making Plug Tobacco.

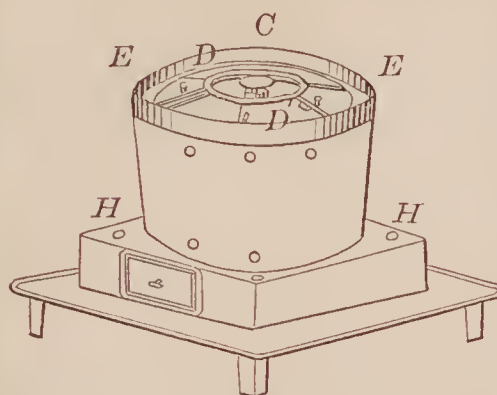


72579—H. K. York—Manufacture of Iron and Steel.

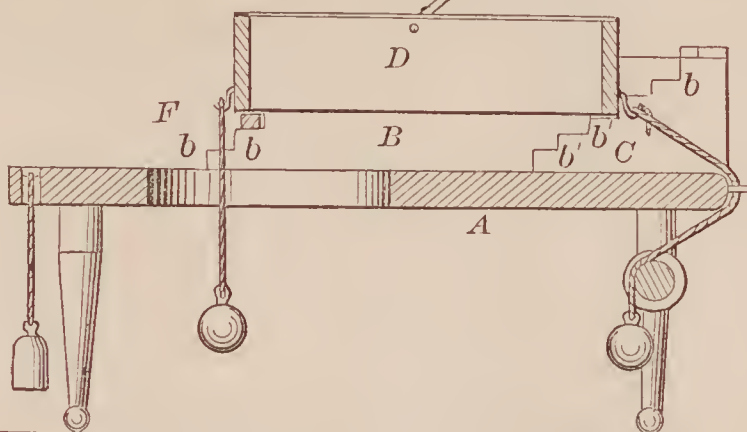




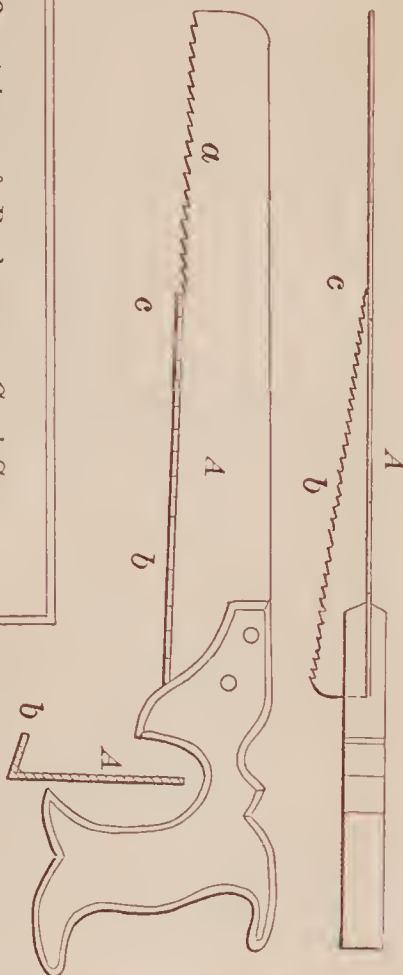
72580—Adams & Peckover—Coal Stove.



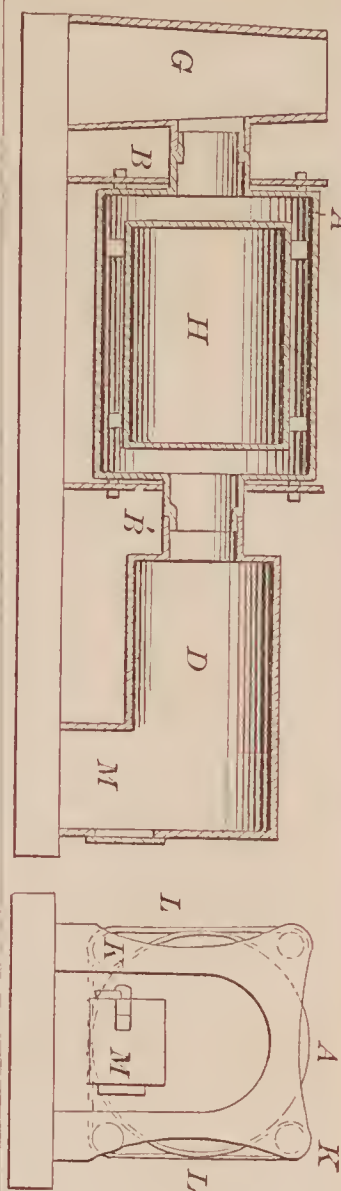
72581—J. W. Alesworth—Box for Gauging Shingles.



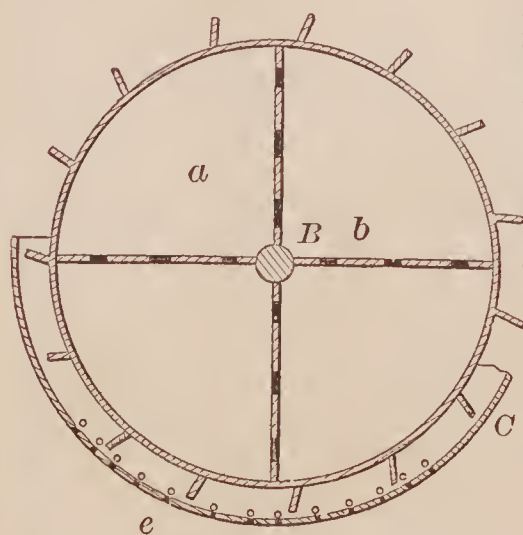
72582—J. F. Allen—Hand Saw.



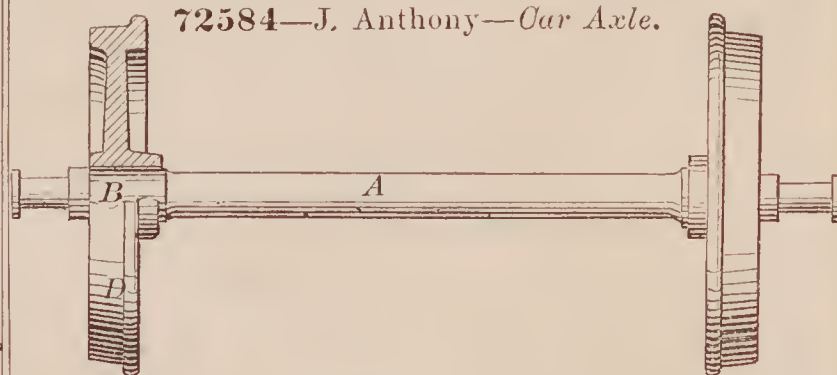
72583—R. N. Allen—Drying Apparatus.



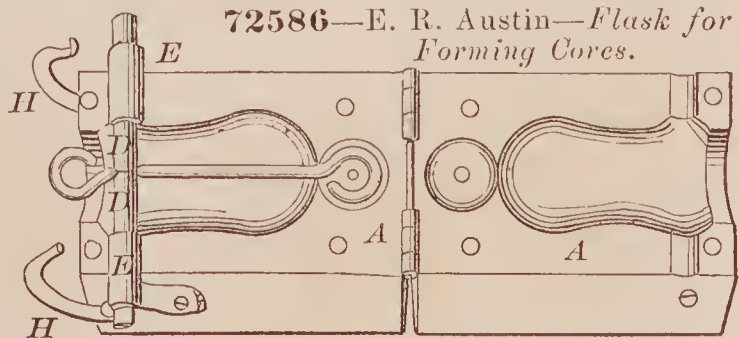
72585—E. H. Ashcroft—For Washing Sheep Skins.



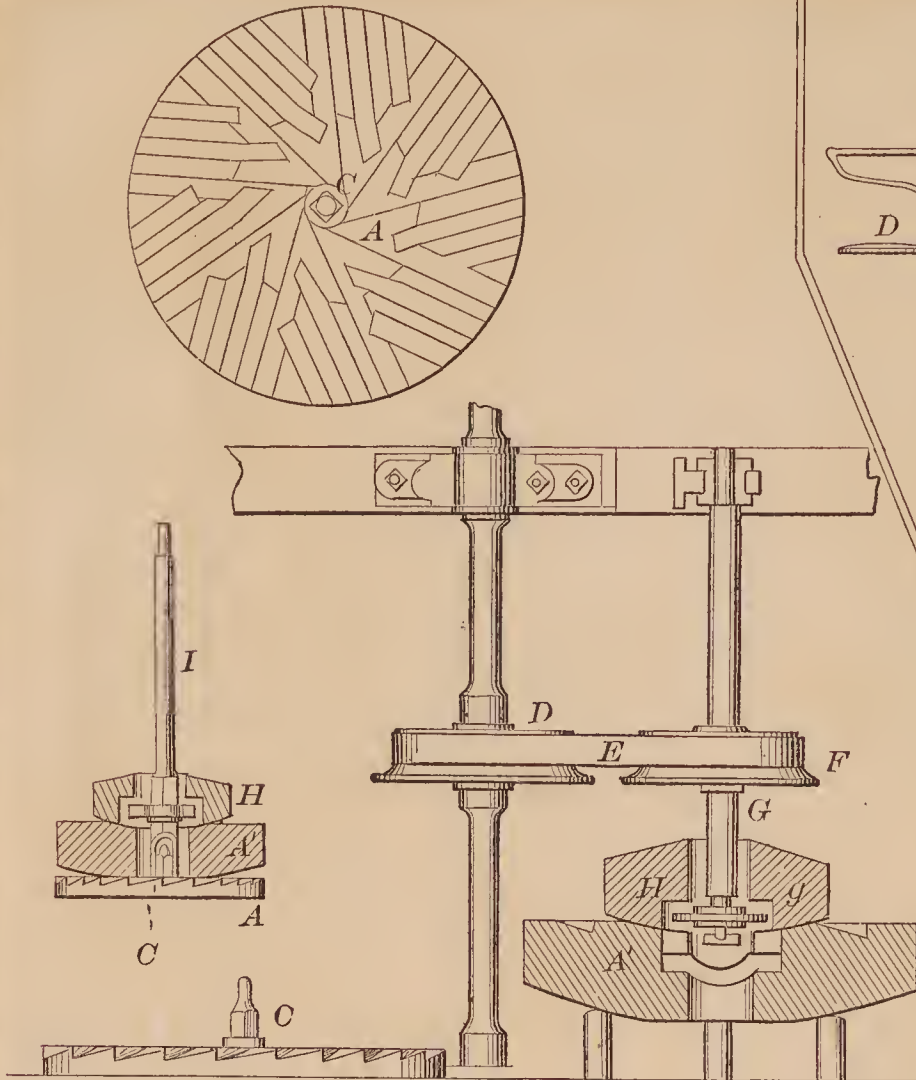
72584—J. Anthony—Oar Axle.



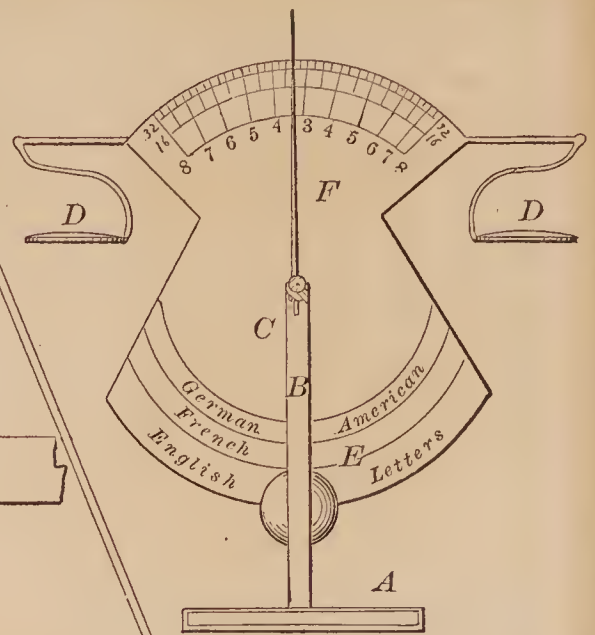
72586—E. R. Austin—Flask for Forming Cores.



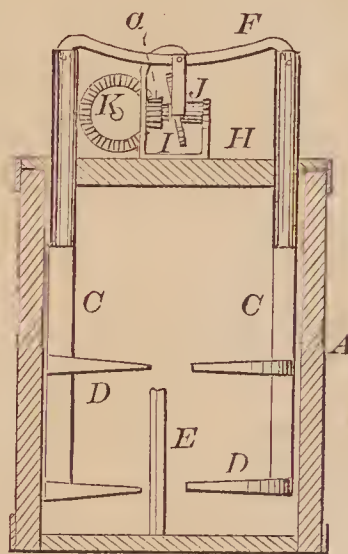
72587—W. Bahme—*Mill Stone.*



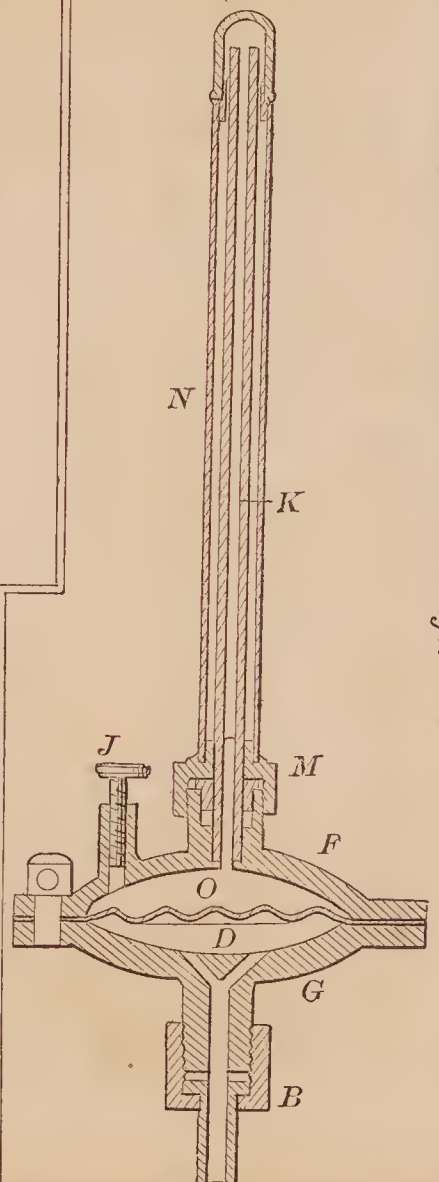
72593—I. Bisbee—*Balance.*



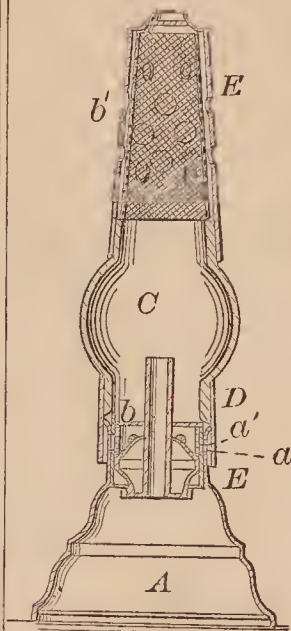
72588—H. B. Barber—*Churn.*



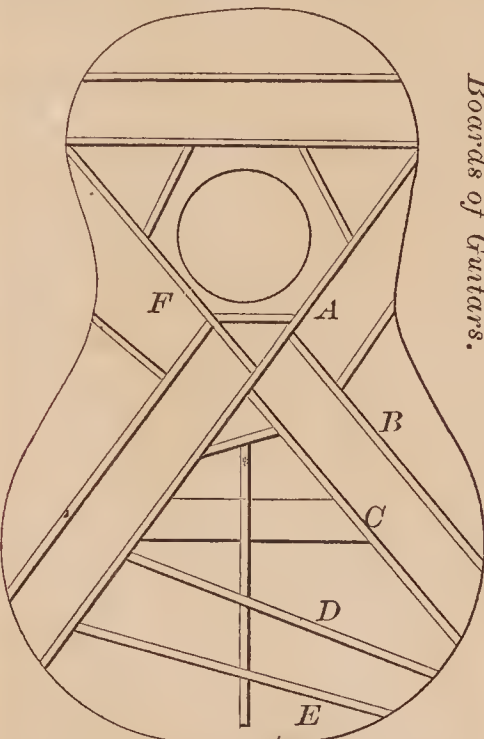
72595—M. Böttcher—*Steam Gauge.*



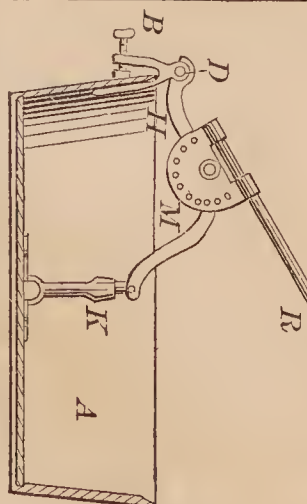
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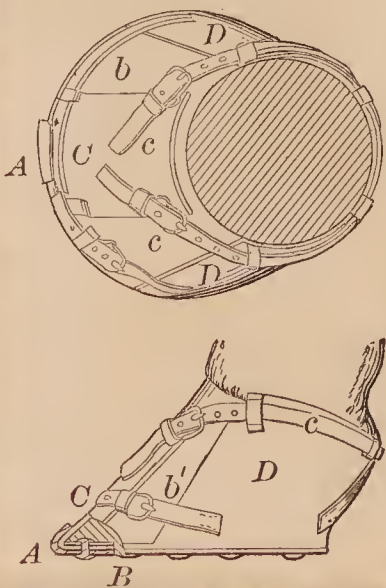
72591—J. E. Bini—*Bracing Sounding Boards of Guitars.*



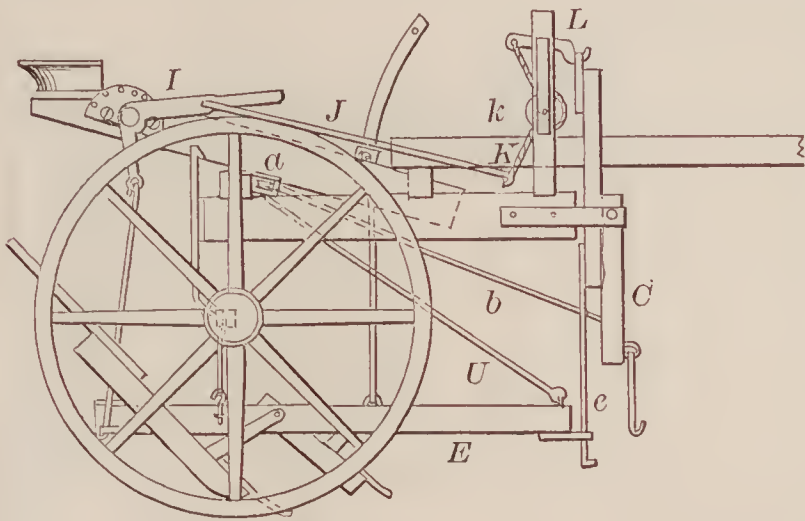
72592—W. E. Bird—*Washing Machine.*



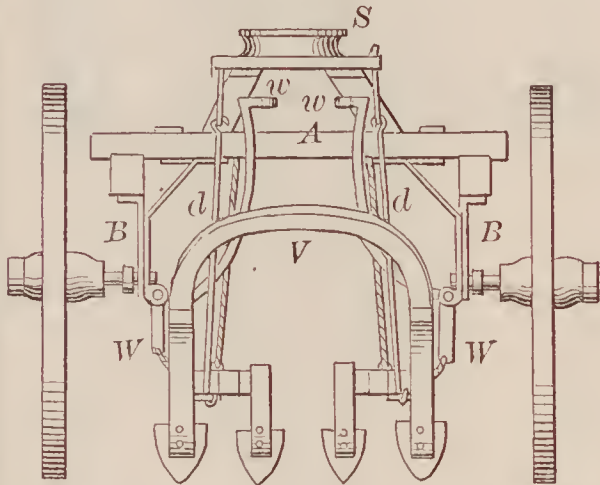
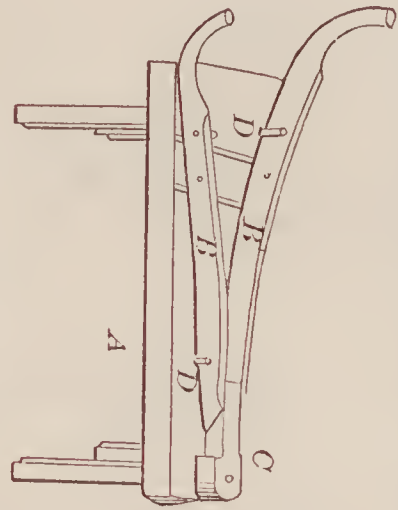
72594—T. B. Bishop—*Horse Shoe.*



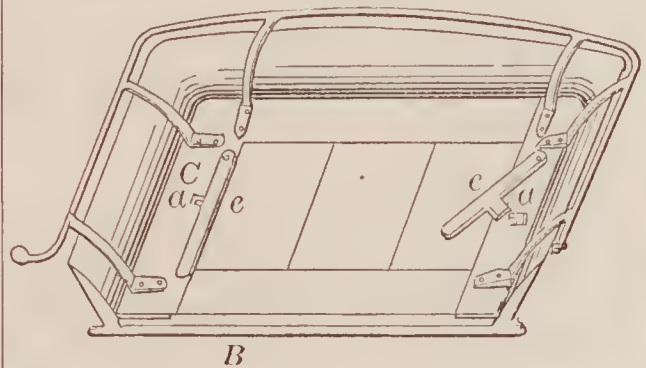
72598—J. E. Brooks—*Cultivator.*



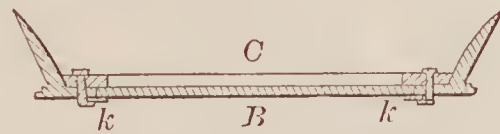
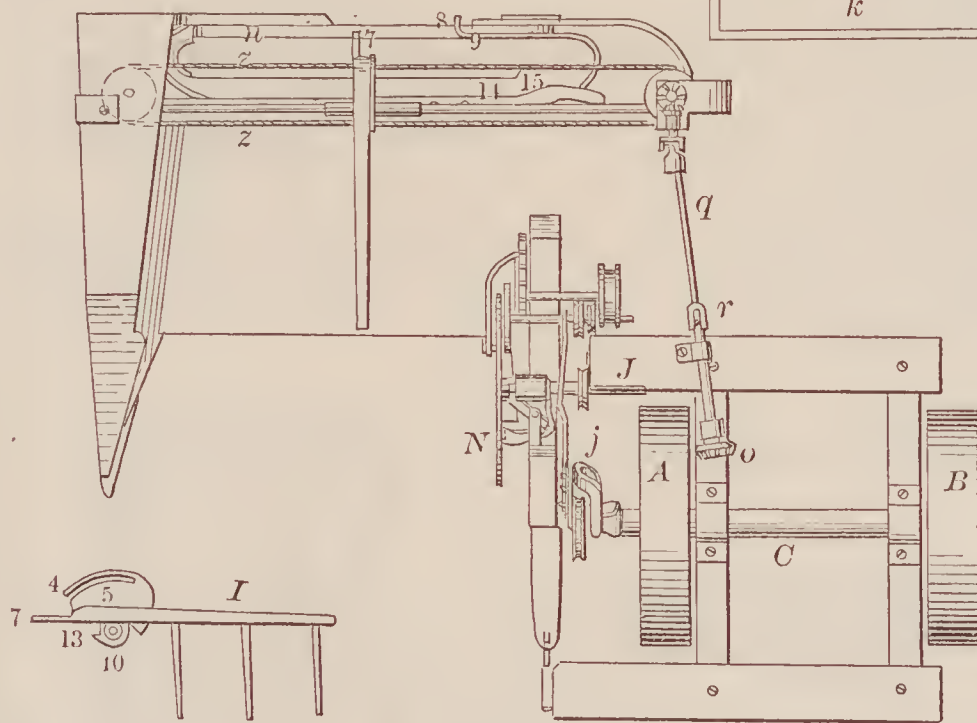
72596—T. E. C. Brinly—*Plow Handle.*



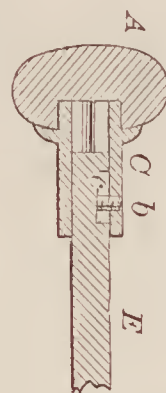
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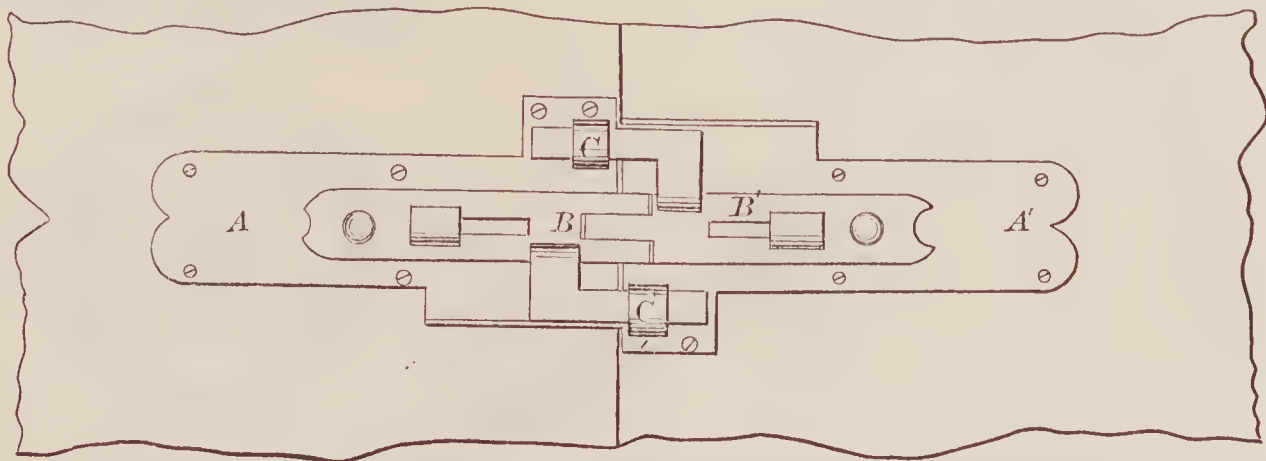
72599—R. D. Brown—*Harvester Rake.*

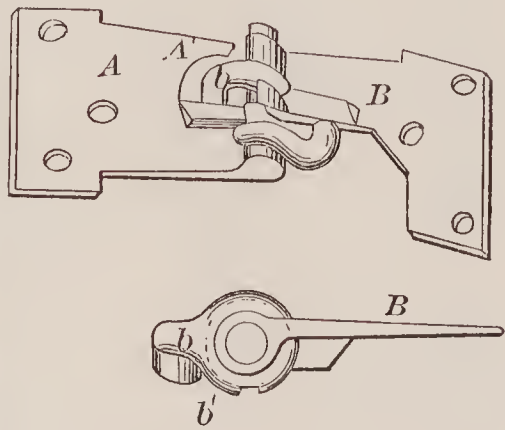
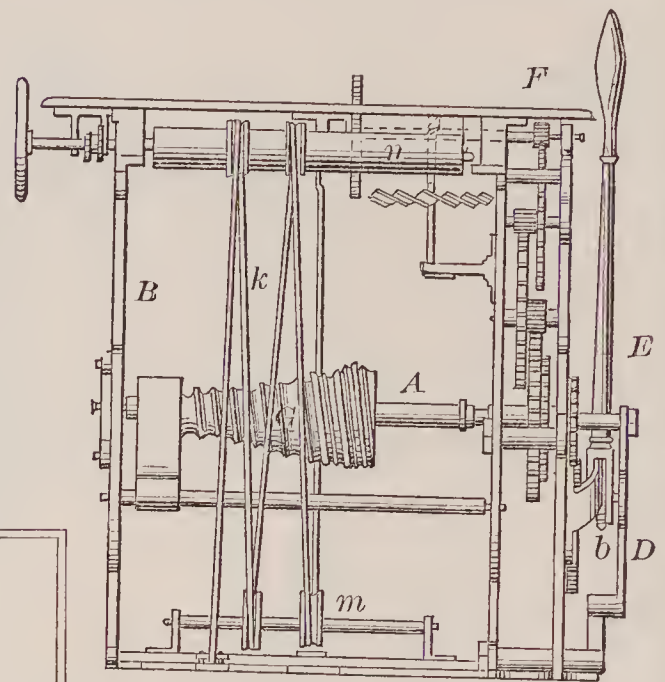
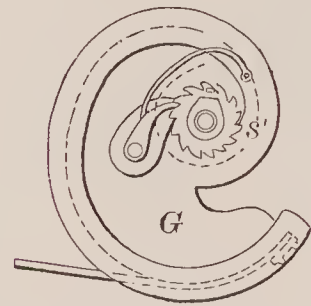
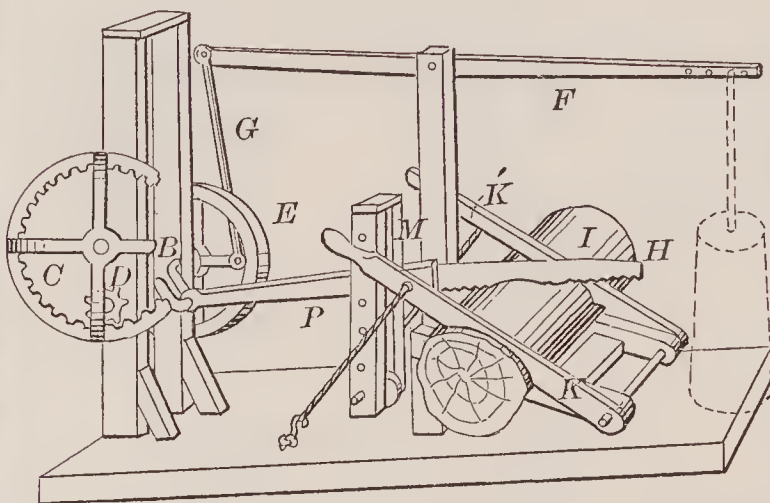
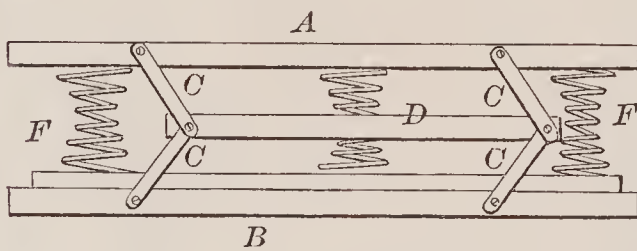
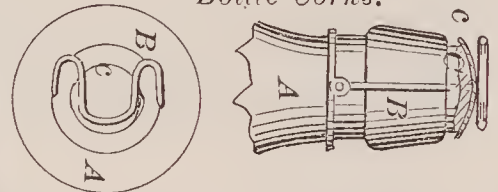
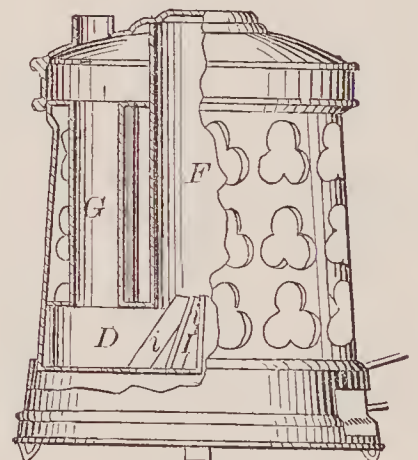
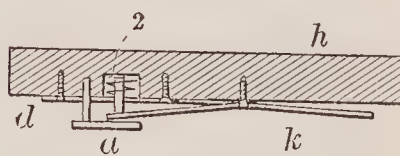
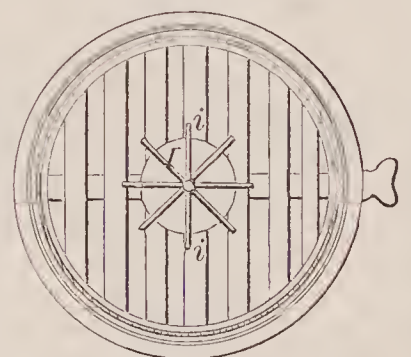
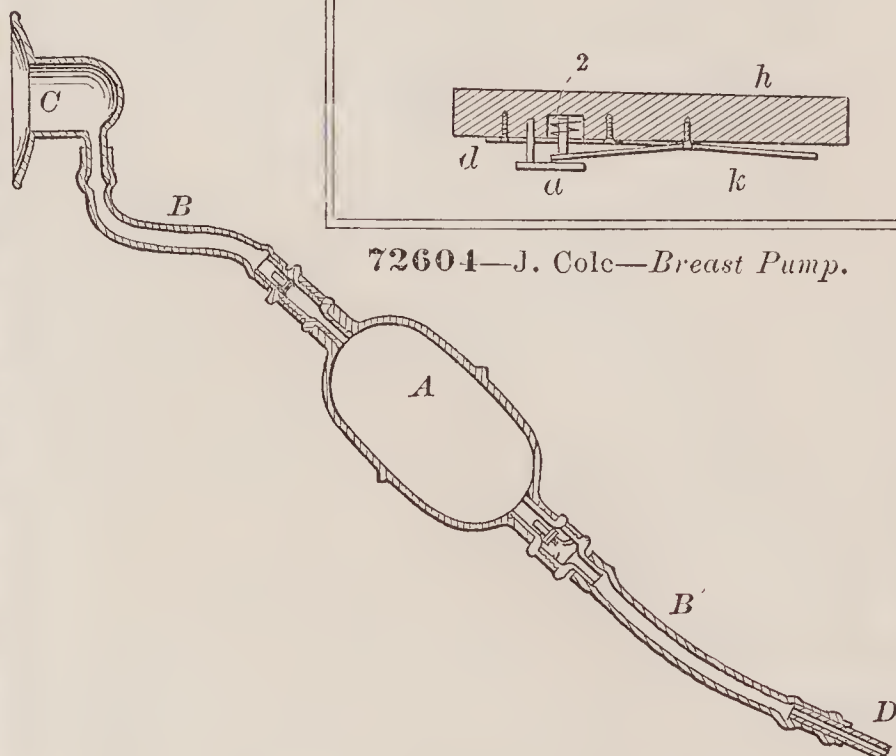


72597—C. B. Bristol—*Attaching Door Knobs to Spindles.*

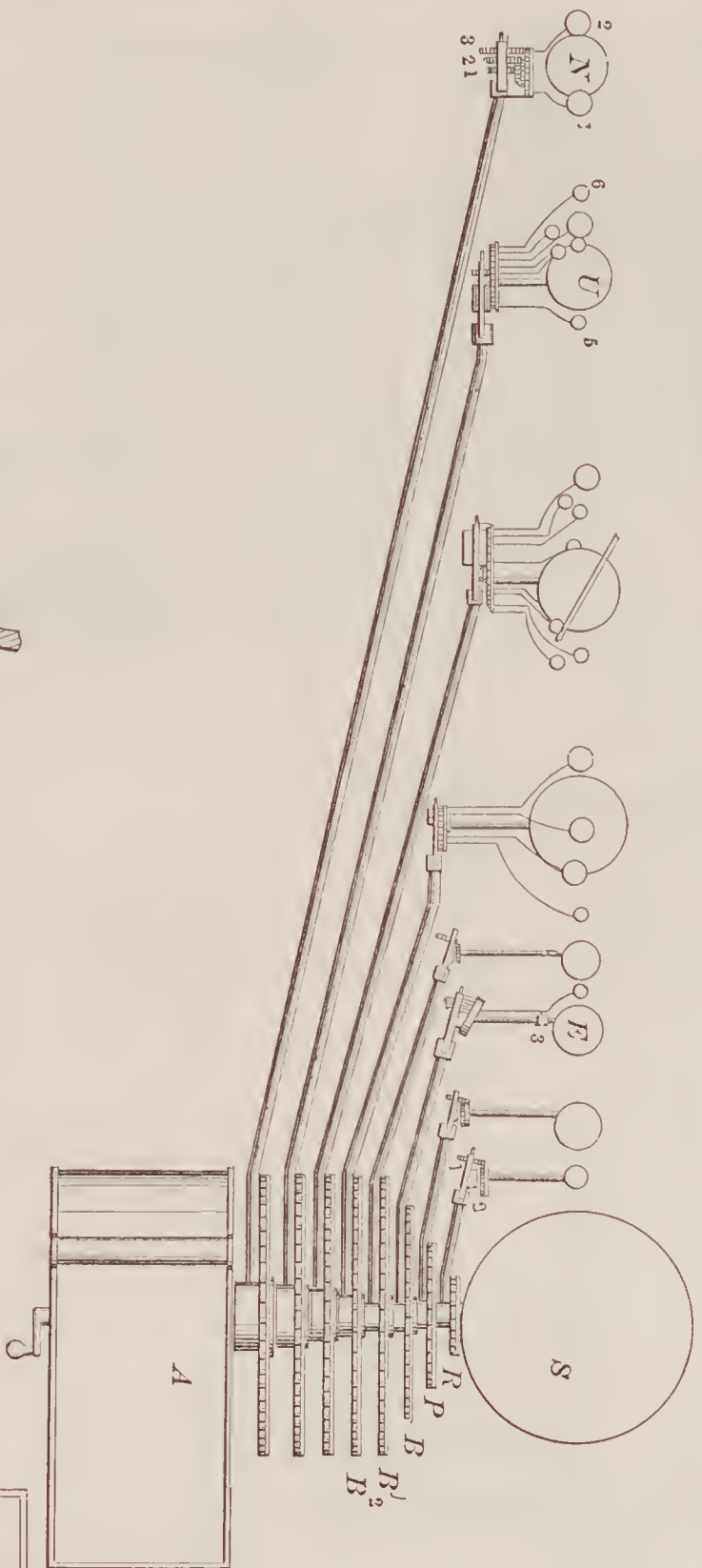


72600—P. Burke—*Shutter Bolt.*

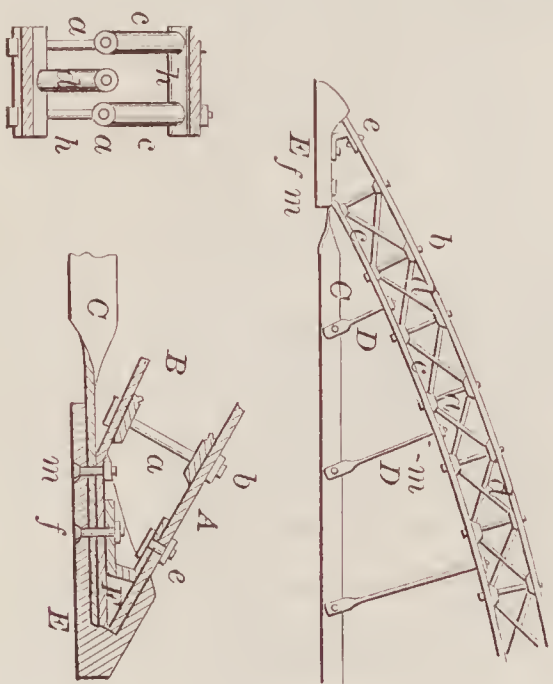


72603—P. P. Child—*Window Shutter Hinge.*72607—G. Cuppers—*Sewing Machine.*72608—C. M. Currey—*Mechanical Movement.*72605—Cook & Simmons—*Bed Bottom.*72606—F. W. Copeutt—*For Labeling Bottle Corks.*72610—A. Dart—*Stove.*72609—J. Currier—*Blind Catch.*72604—J. Cole—*Breast Pump.*

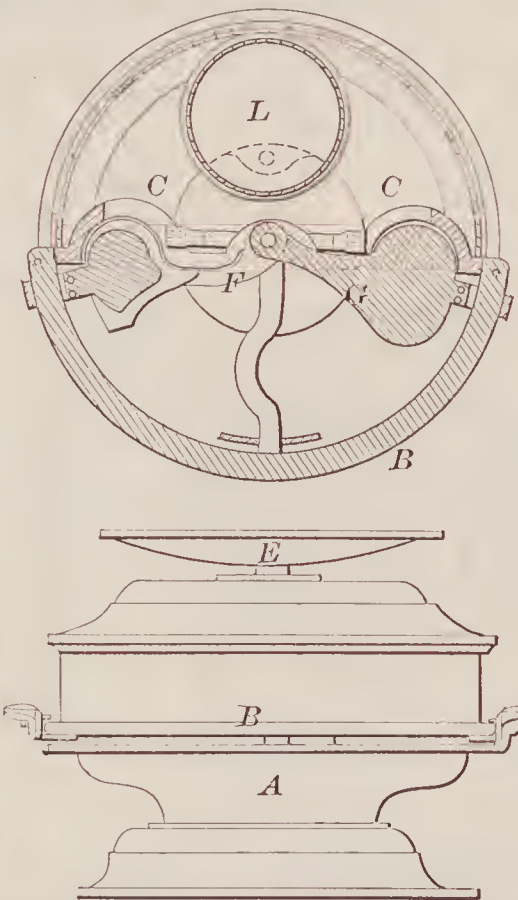
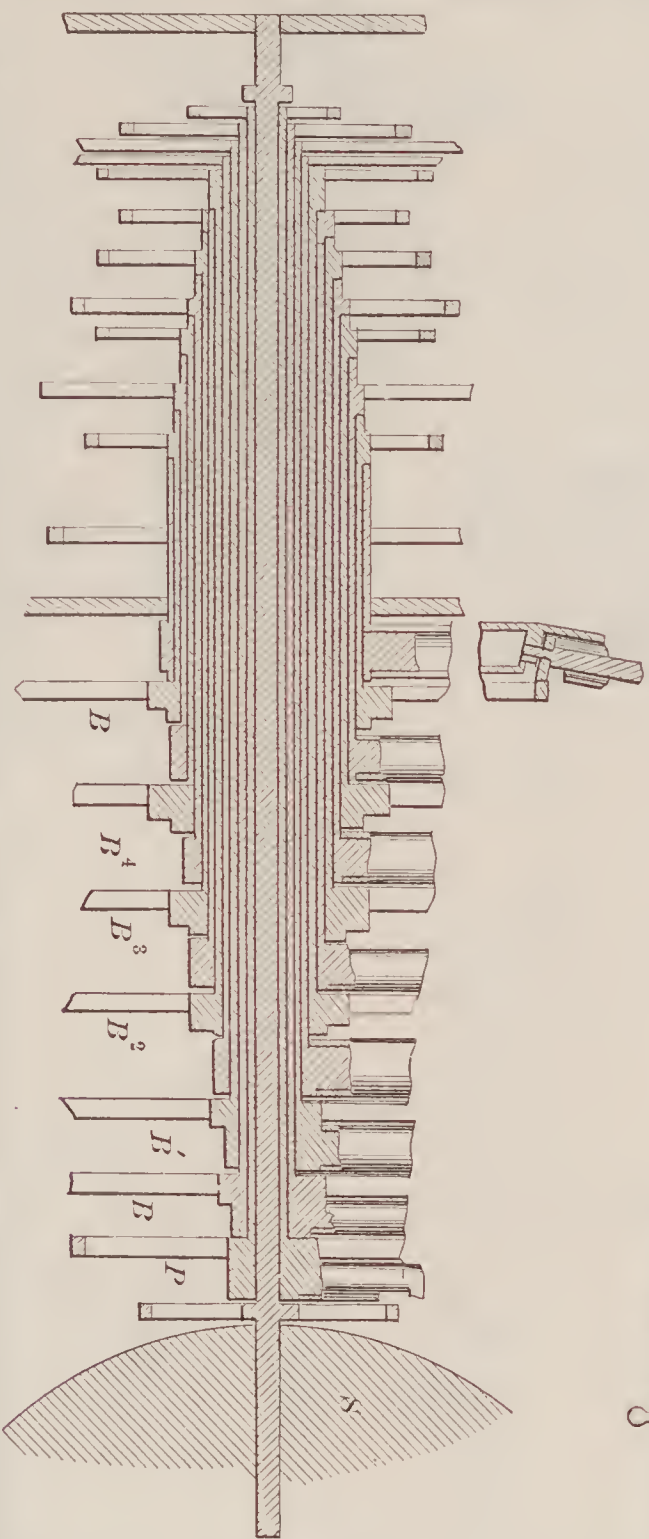
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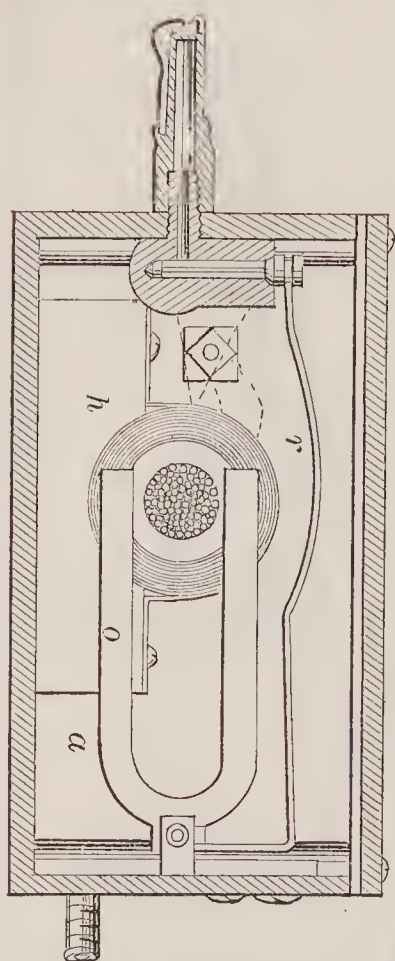
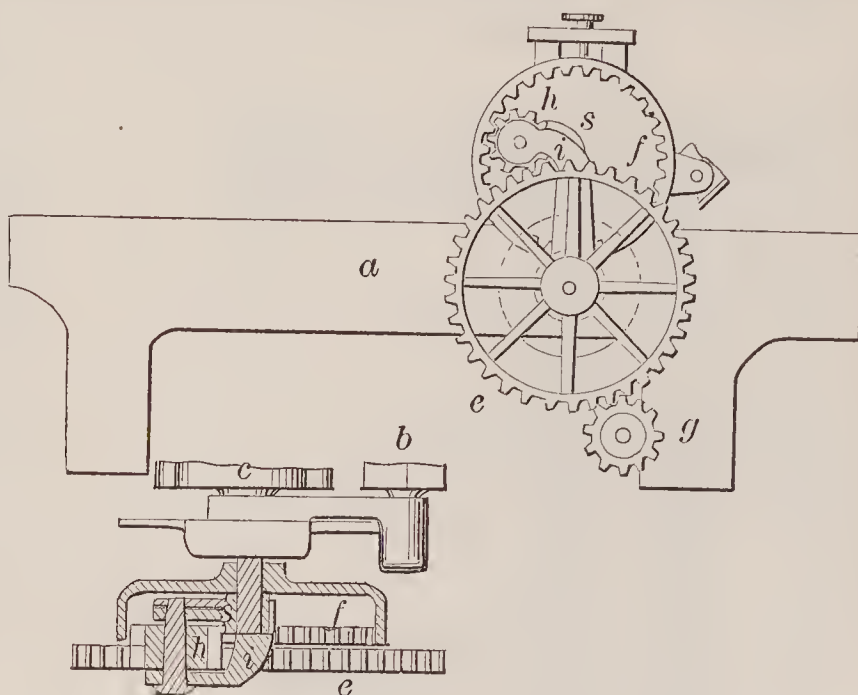
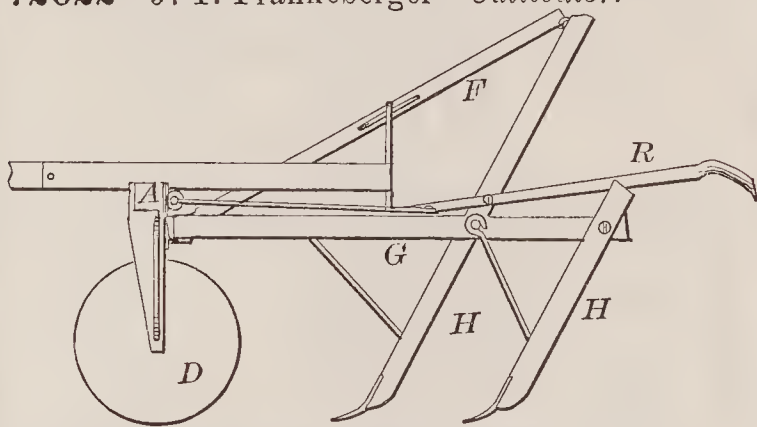
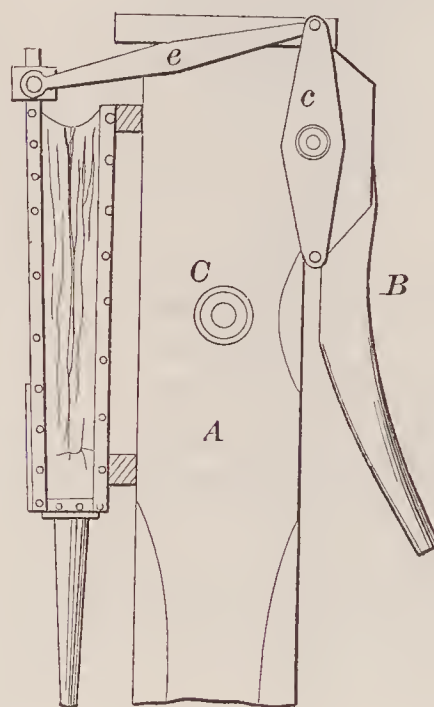
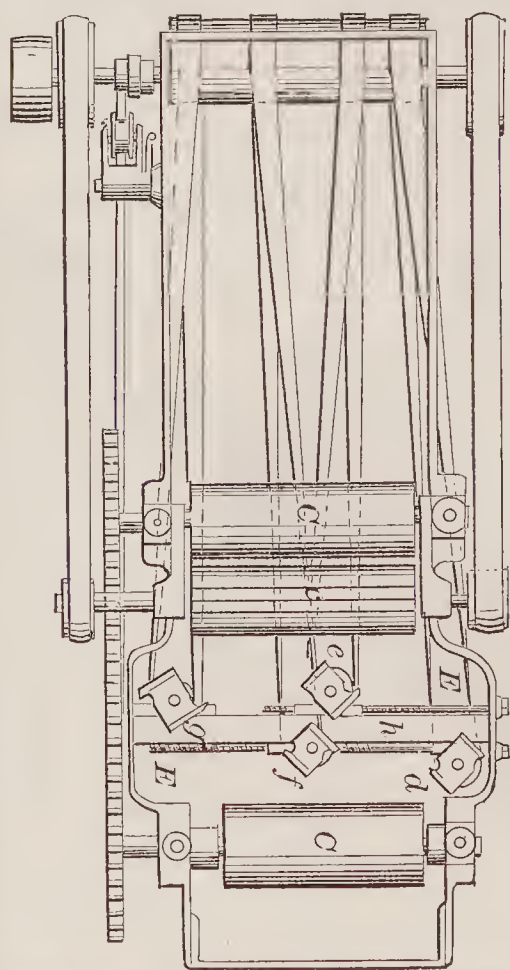
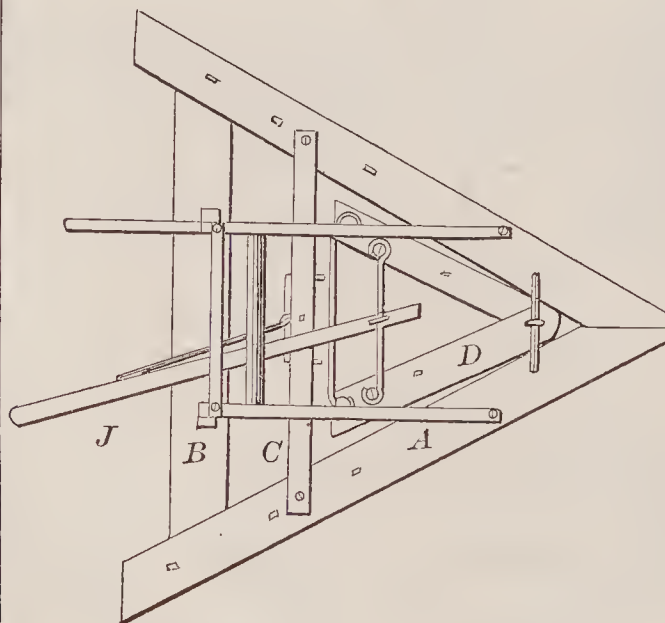


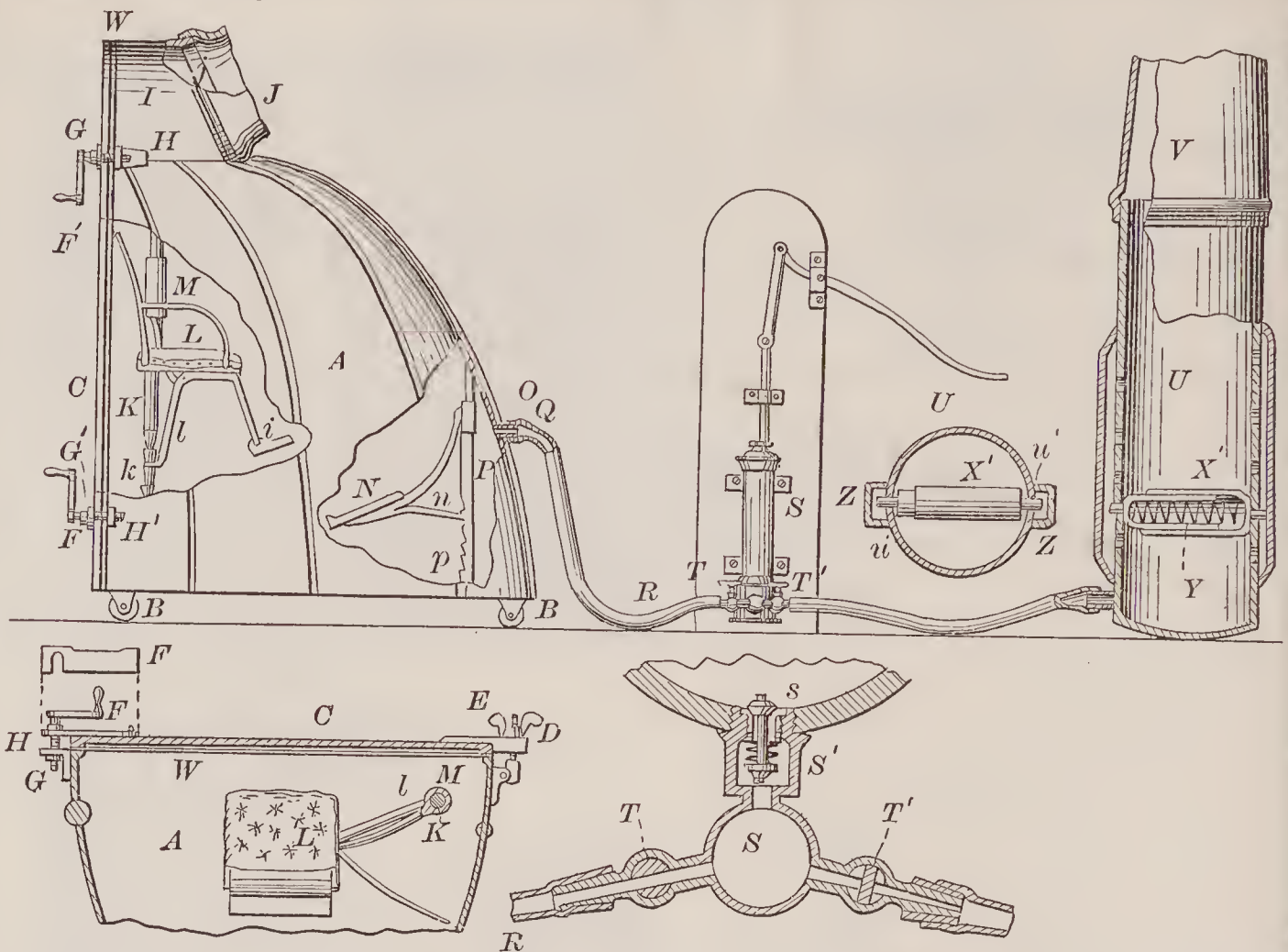
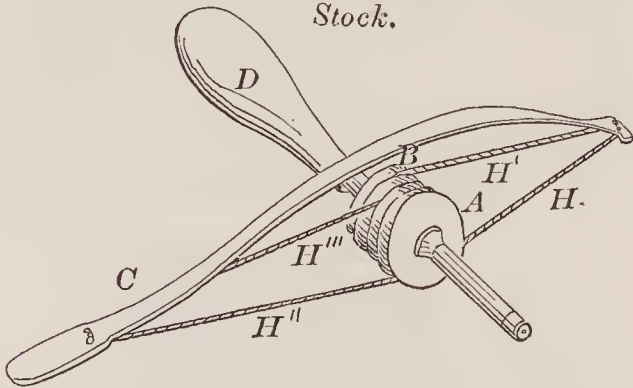
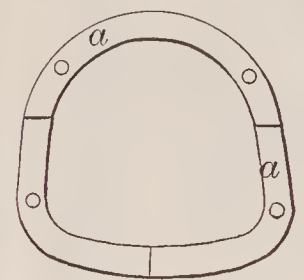
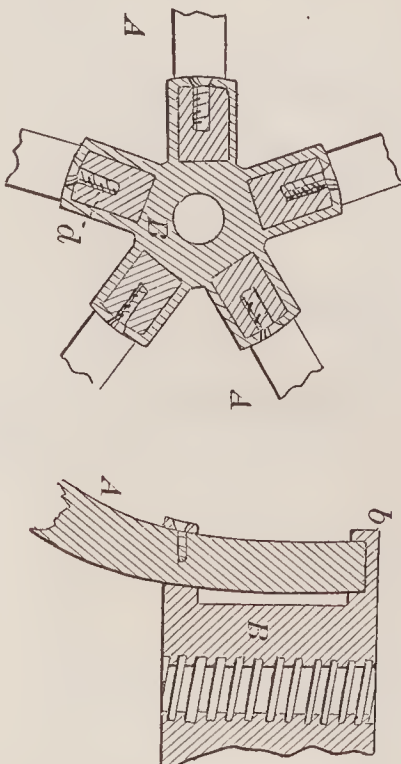
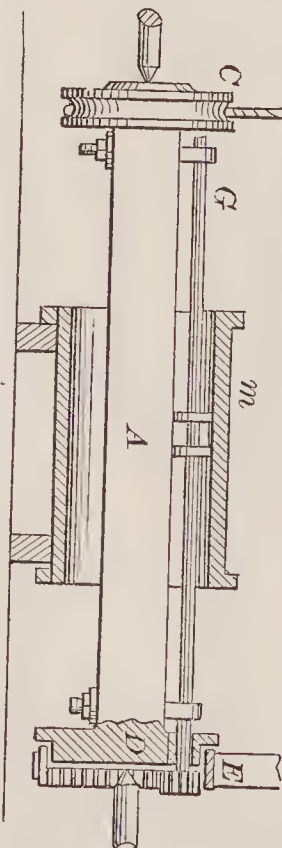
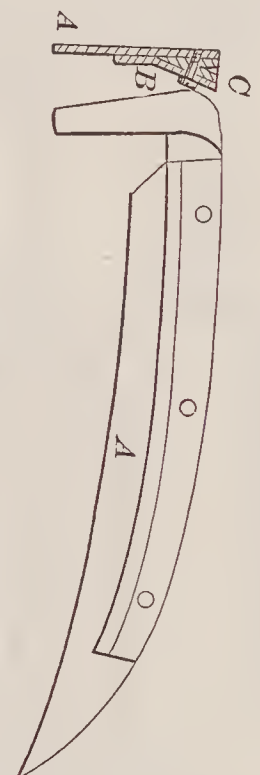
72611—J. Davenport—Bridge Girders.



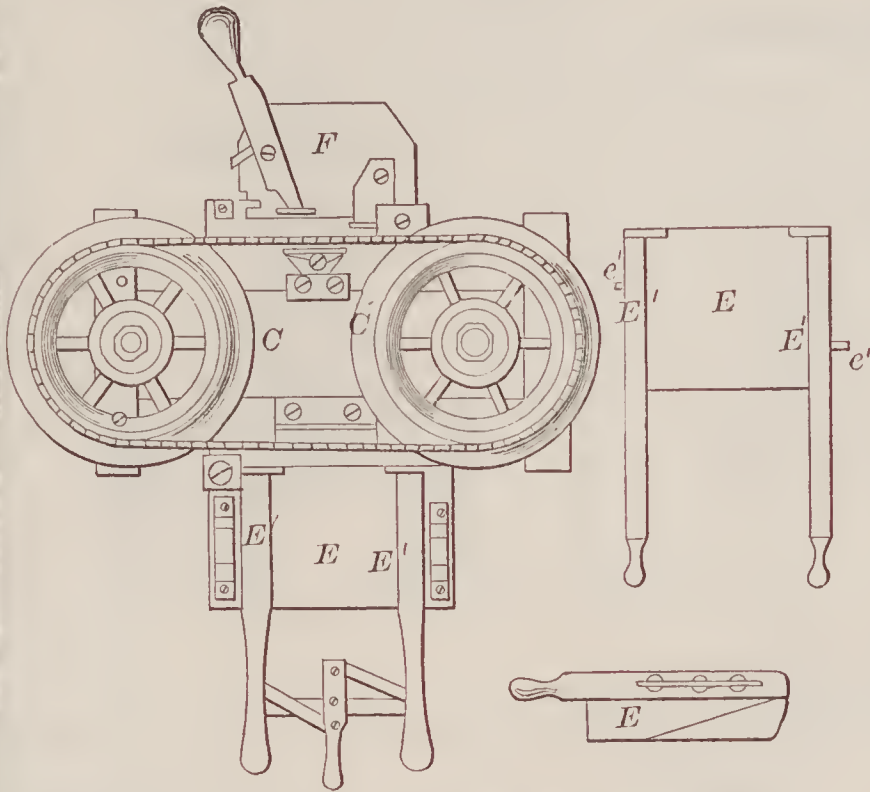
72615—L. Eddy—Weighing Scale.



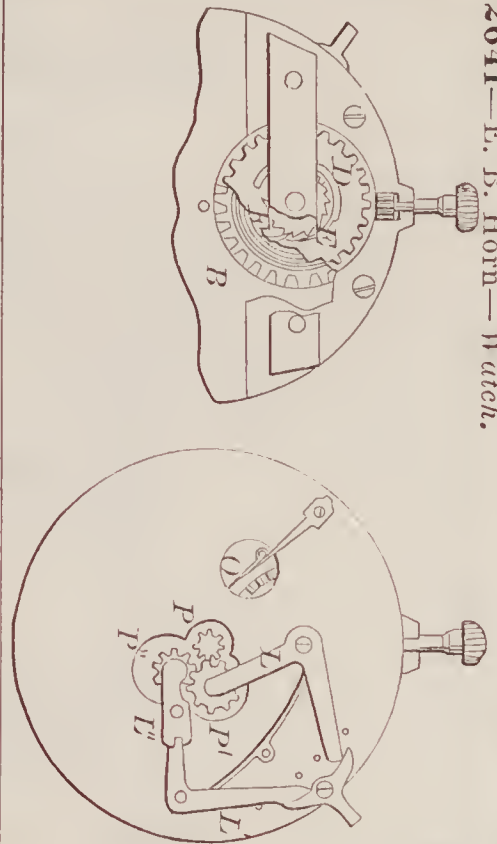
72616—M. G. Farmer—*Lighting and Extinguishing Gas.*72618—B. Fitts—*Planing Machine.*72622—J. T. Frankeberger—*Cultivator.*72620—G. R. Forsyth—*Pump.*72623—J. T. Frankeberger—*Harrow.*72619—B. Fitts—*Planing Machine.*

72631—J. G. Hadfield—*Medical Vacuum Apparatus.***72632**—D. F. Hartford—*Stringing Bow Drill Stock.***72633**—H. A. Harvey—*Wood Screw.***72634**—L. Heywood—*Wooden Chair Seat.***72635**—L. Heywood—*Socket for Revolving Chairs.***72636**—W. C. Hicks—*For Polishing Cylindrical Concave Surfaces.***72638**—C. M. Hodges—*Scythe.*

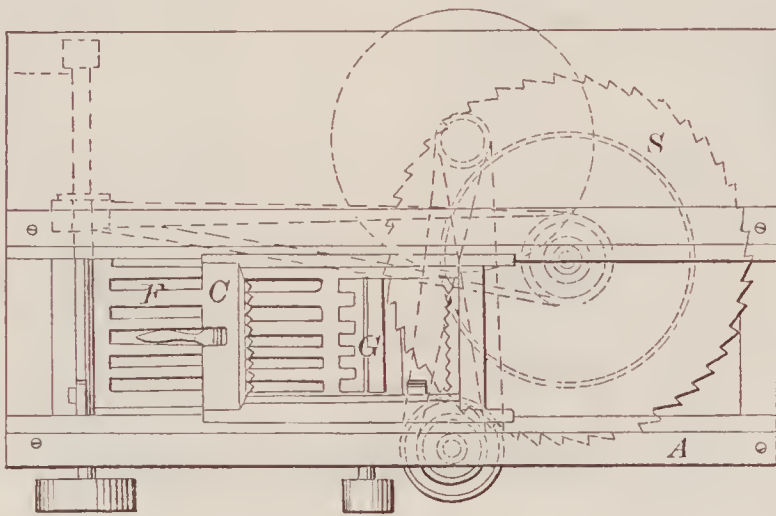
72640—W. E. Hopkins—*Stave Machine.*



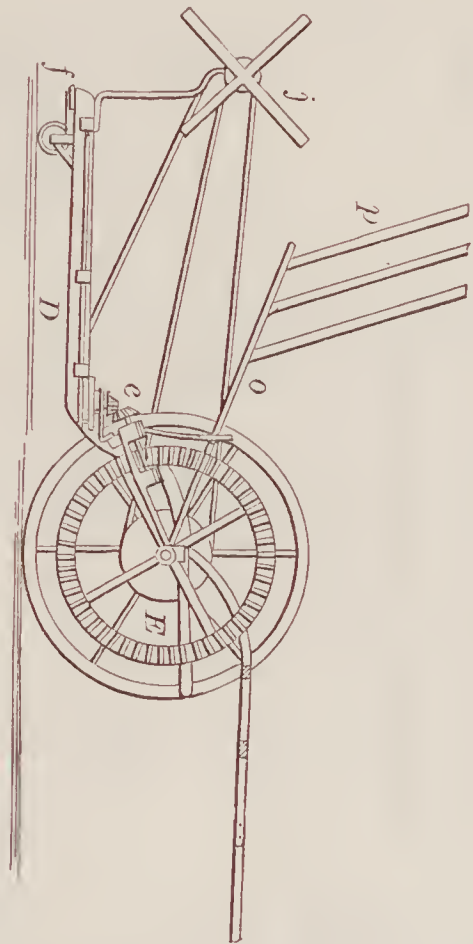
72641—E. B. Horn—*Watch.*



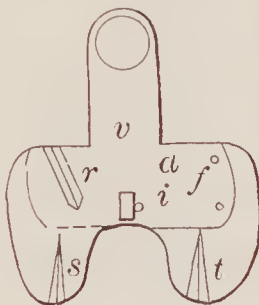
72639—C. J. Holman—*For Sawing Barrel Heading.*



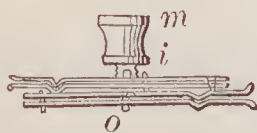
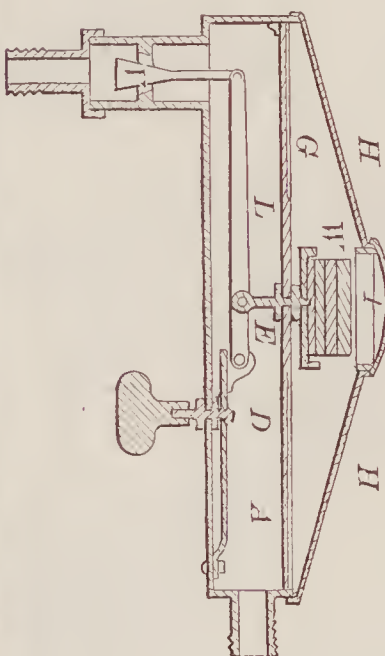
72644—W. B. Johns—*Harvester Rake.*



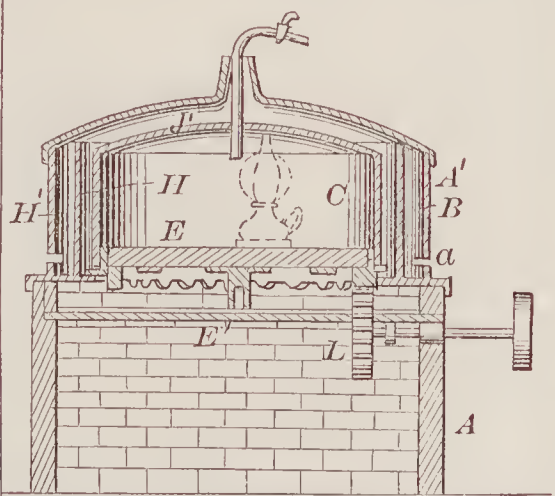
72642—O. T. Horr—*Sewing Machine.*



72643—H. G. Hubert—*Gas Regulator.*



72645—J. A. Kinkadee—*Oven.*



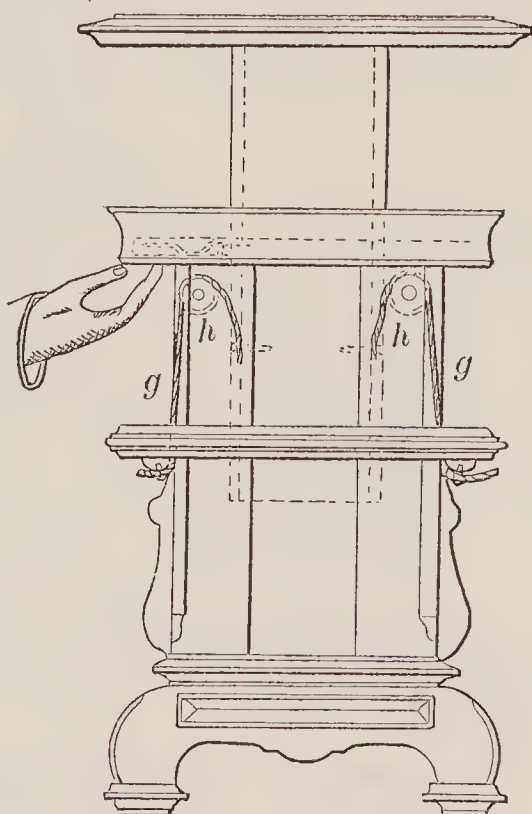
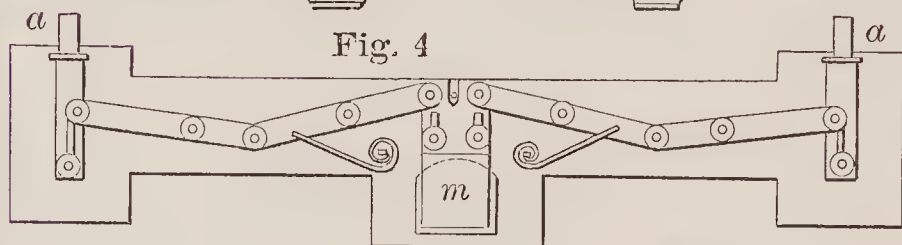
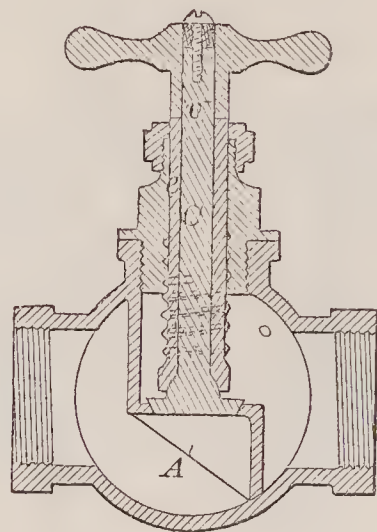
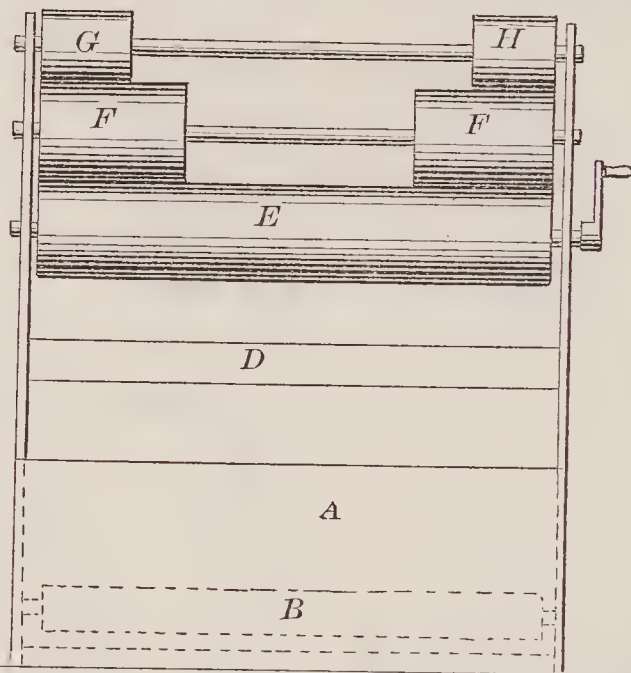
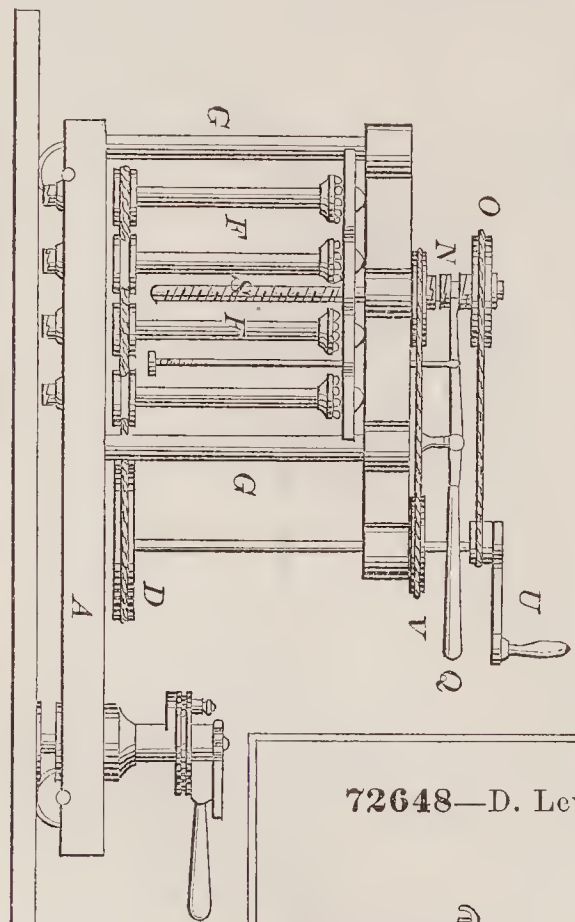
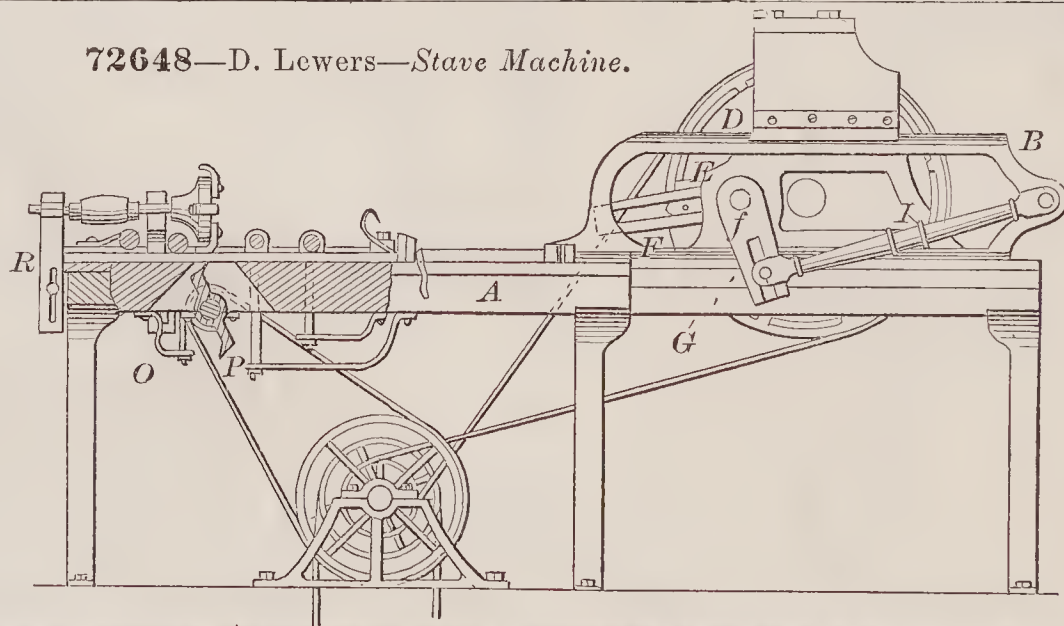
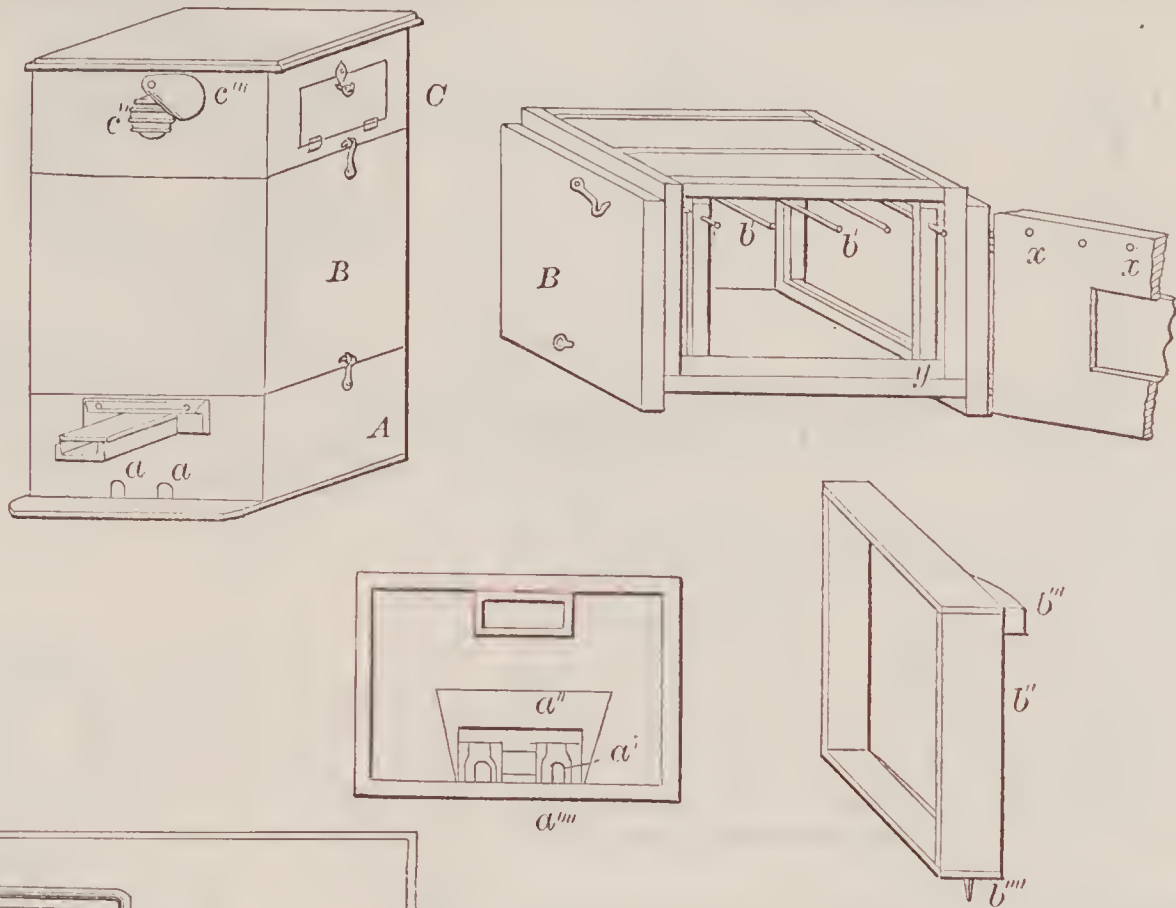
72646—G. Kuhlmann—*Table.*

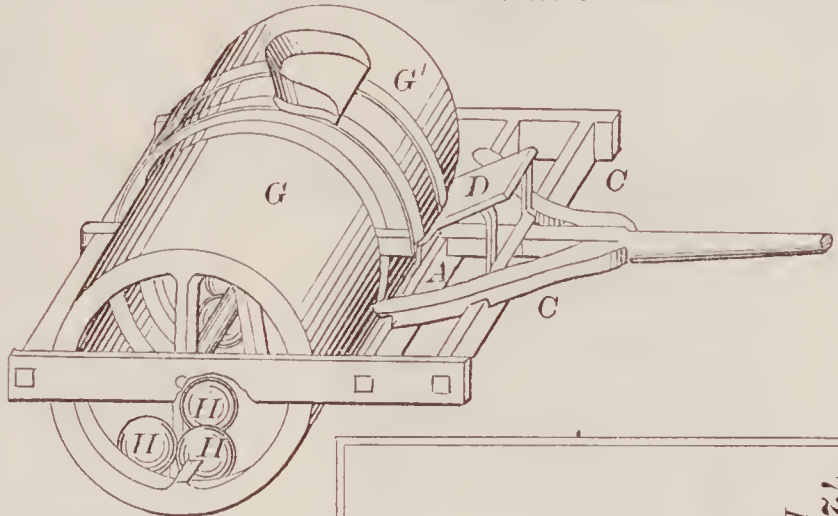
Fig. 4

72650—J. B. Lowell—*Globe Valve.*72647—J. Lee, Jr.—*Cloth Washing Machine*72649—Jove & Ball—*For Channeling Rock.*72648—D. Lewers—*Stave Machine.*

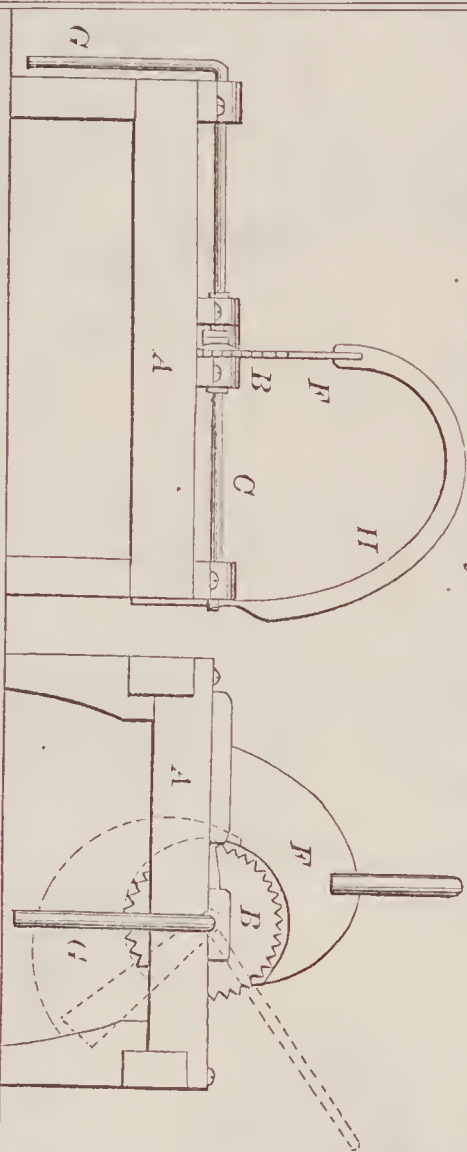
72651—J. J. Lower—*Beehive*.



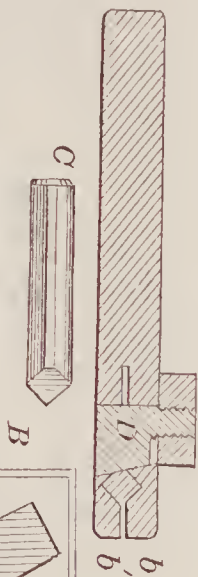
72653—S. B. Mann—*Land Roller*.



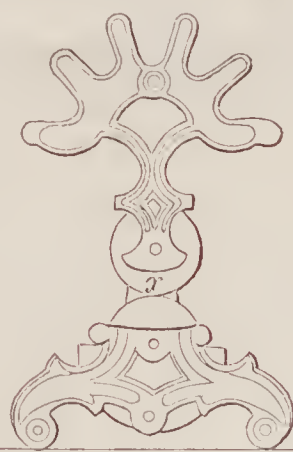
72652—J. Madden—*inward for Circular Saws*.



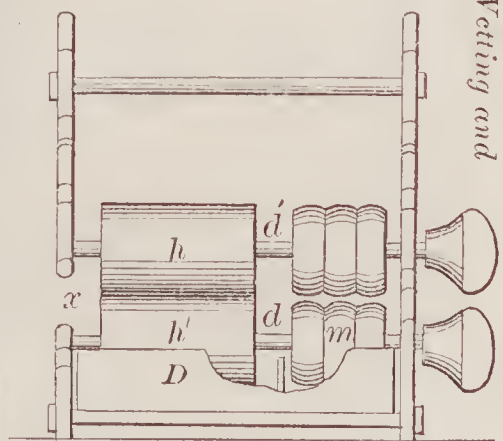
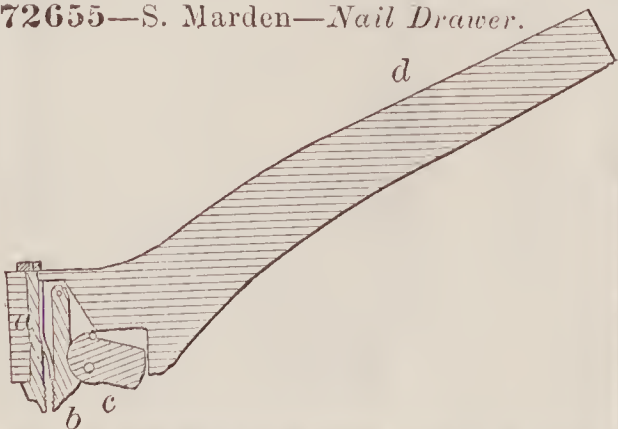
72654—J. P. Manton—*Tool Holder*.

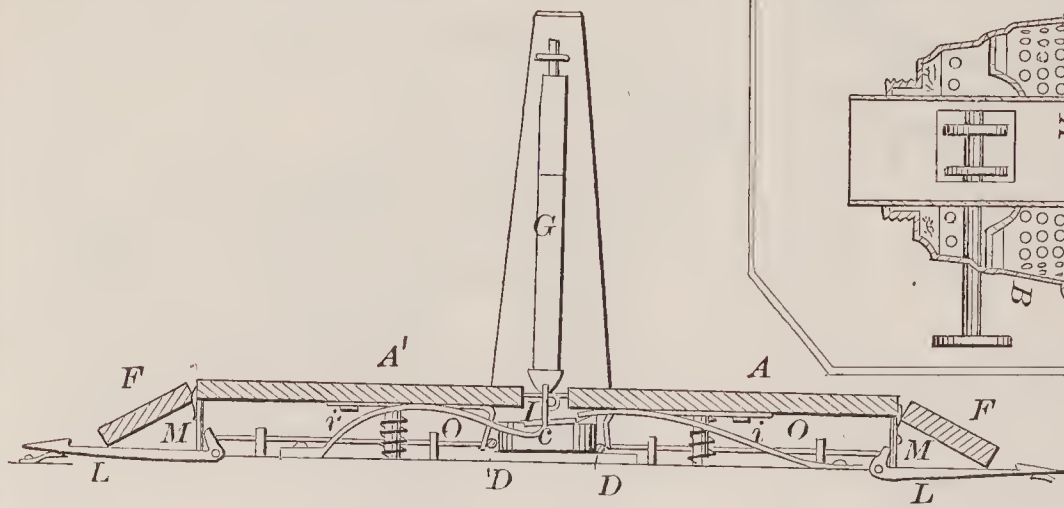
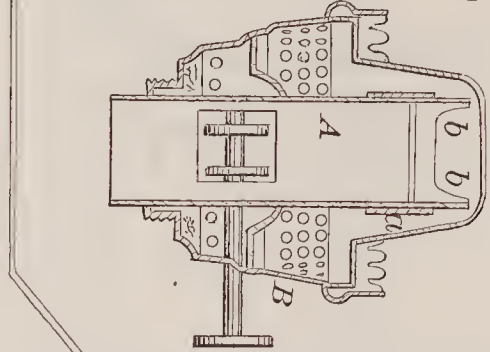
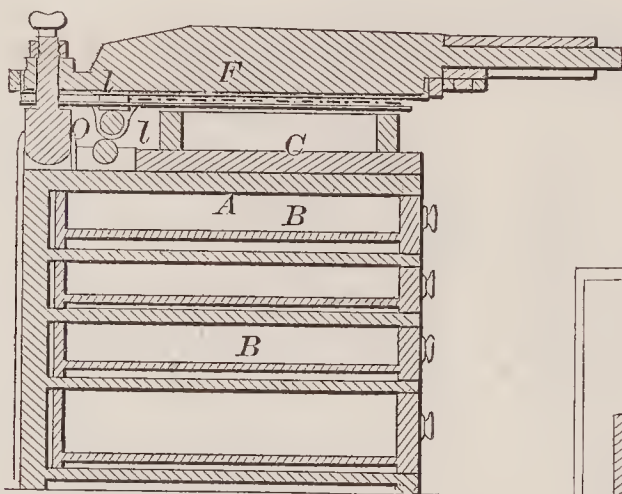
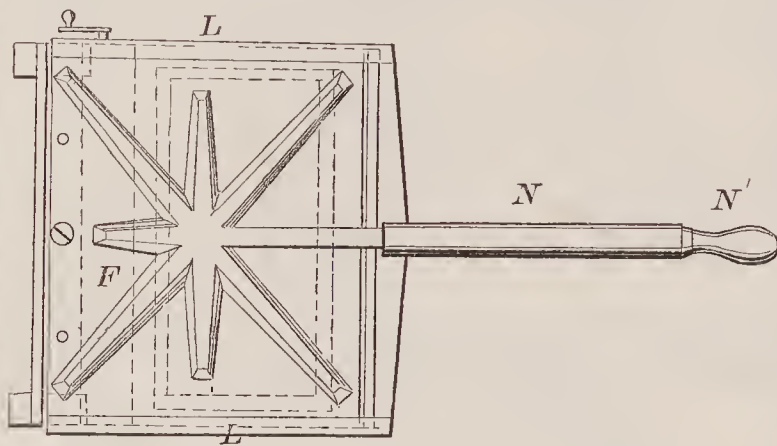
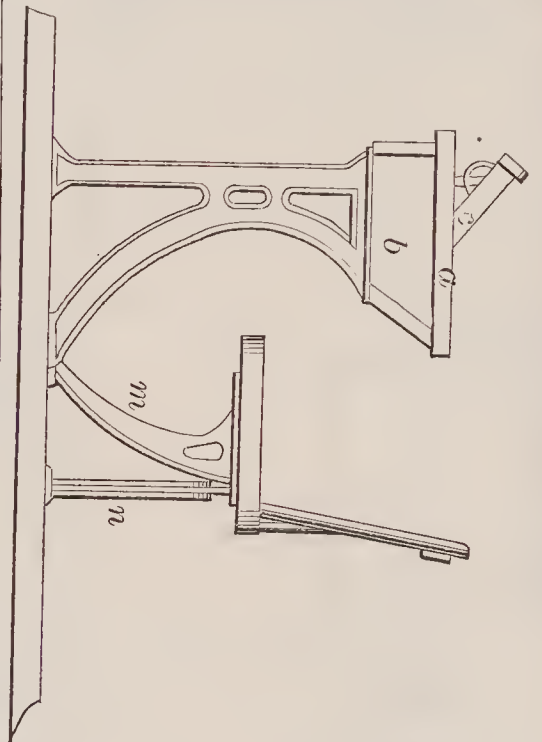
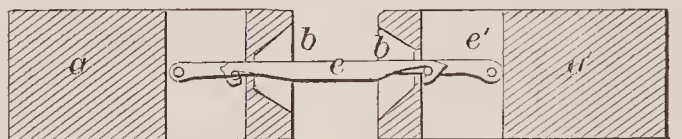
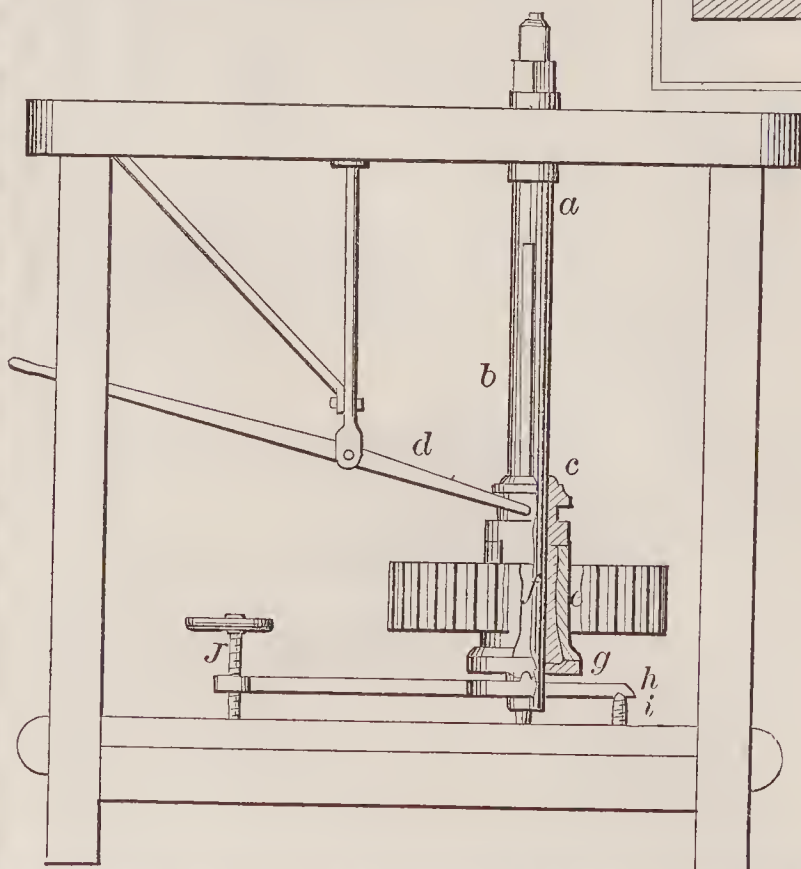
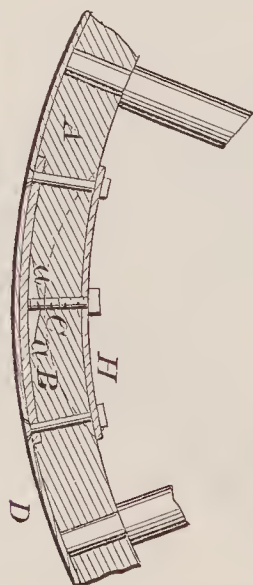


72656—T. P. Marshall—*Stamp Wetting and Pen Cleaning*.

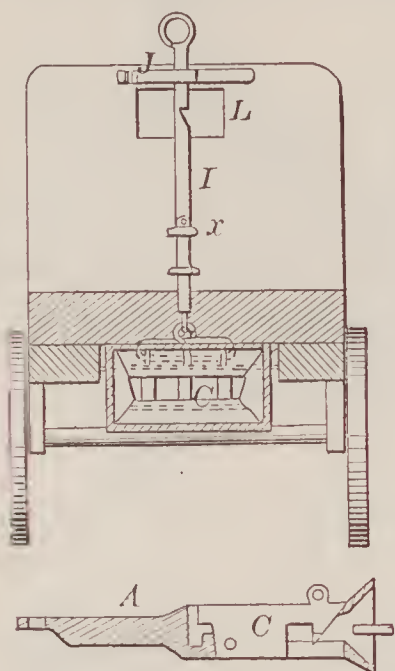


72655—S. Marden—*Nail Drawer*.

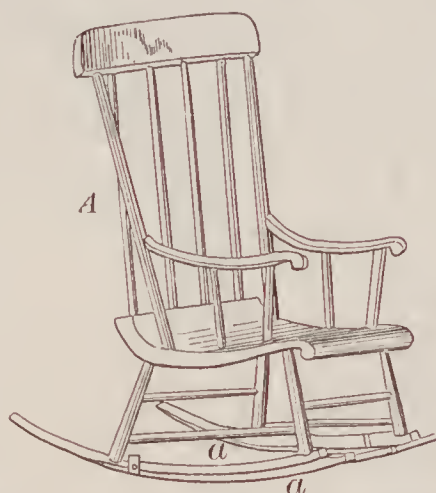
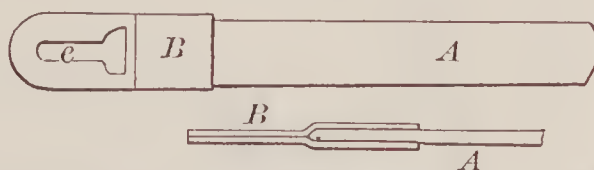


72657—C. F. Mawbey—*Gate.*72659—W. McCain—*Lamp Burner.*72660—J. W. McDonald—*Printing Press.*72662—H. S. McRae—*School Desk.*72664—W. J. Millar—*Car Coupling.*72661—J. H. McMinn—*Mill Spindle.*72663—M. J. Mellyn—*Securing Fellows.*

72665—S. Mills—*Car Coupling.*

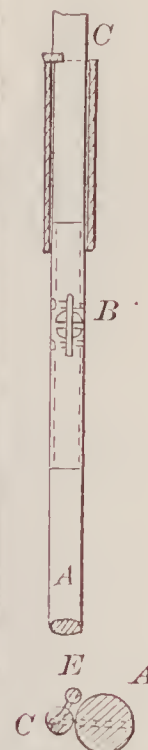


72666—T. A. Mitchell—*Carriage Curtain Fastening.*

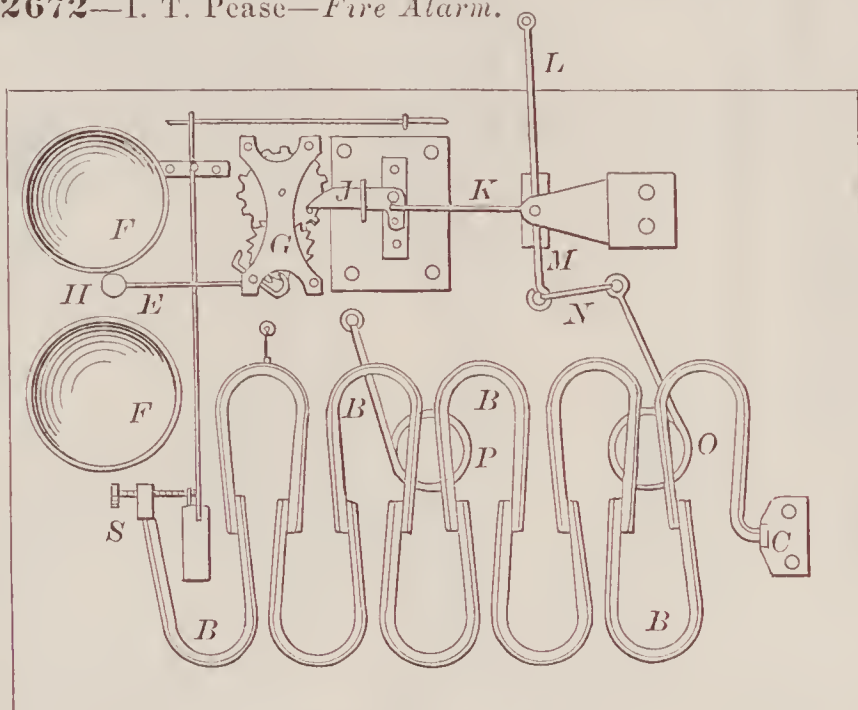


72668—C. J. Nelson—*Rocking Chair.*

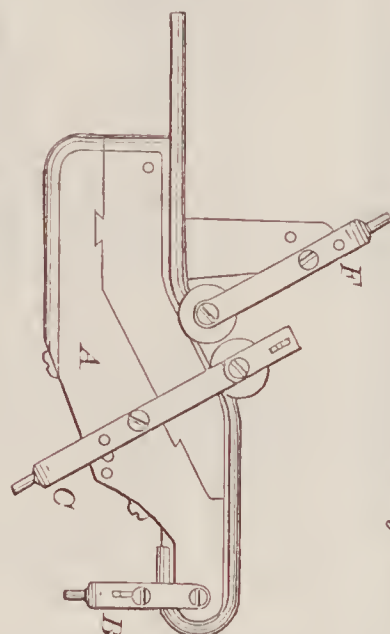
72667—J. H. Montrose—*Hinged Fishing Rod.*



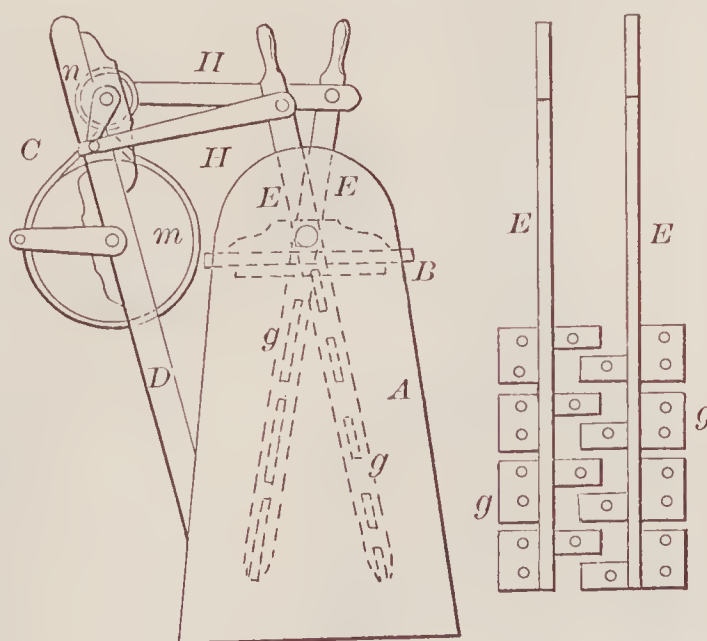
72672—I. T. Pease—*Fire Alarm.*



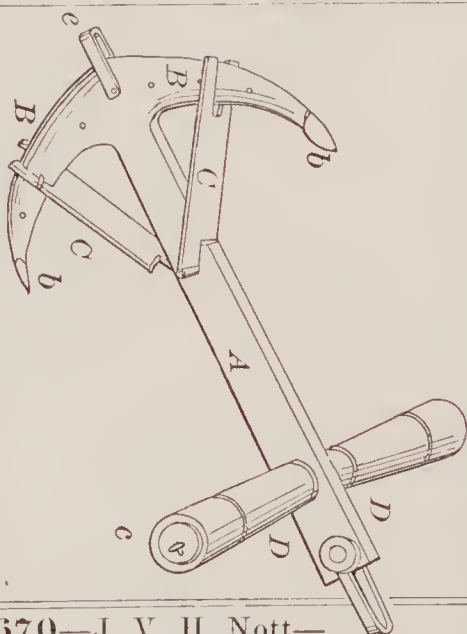
72669—J. Noland—*For Bending Metals.*



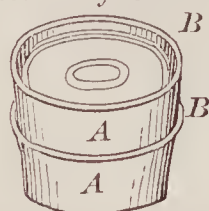
72673—J. Pelsor—*Churn.*

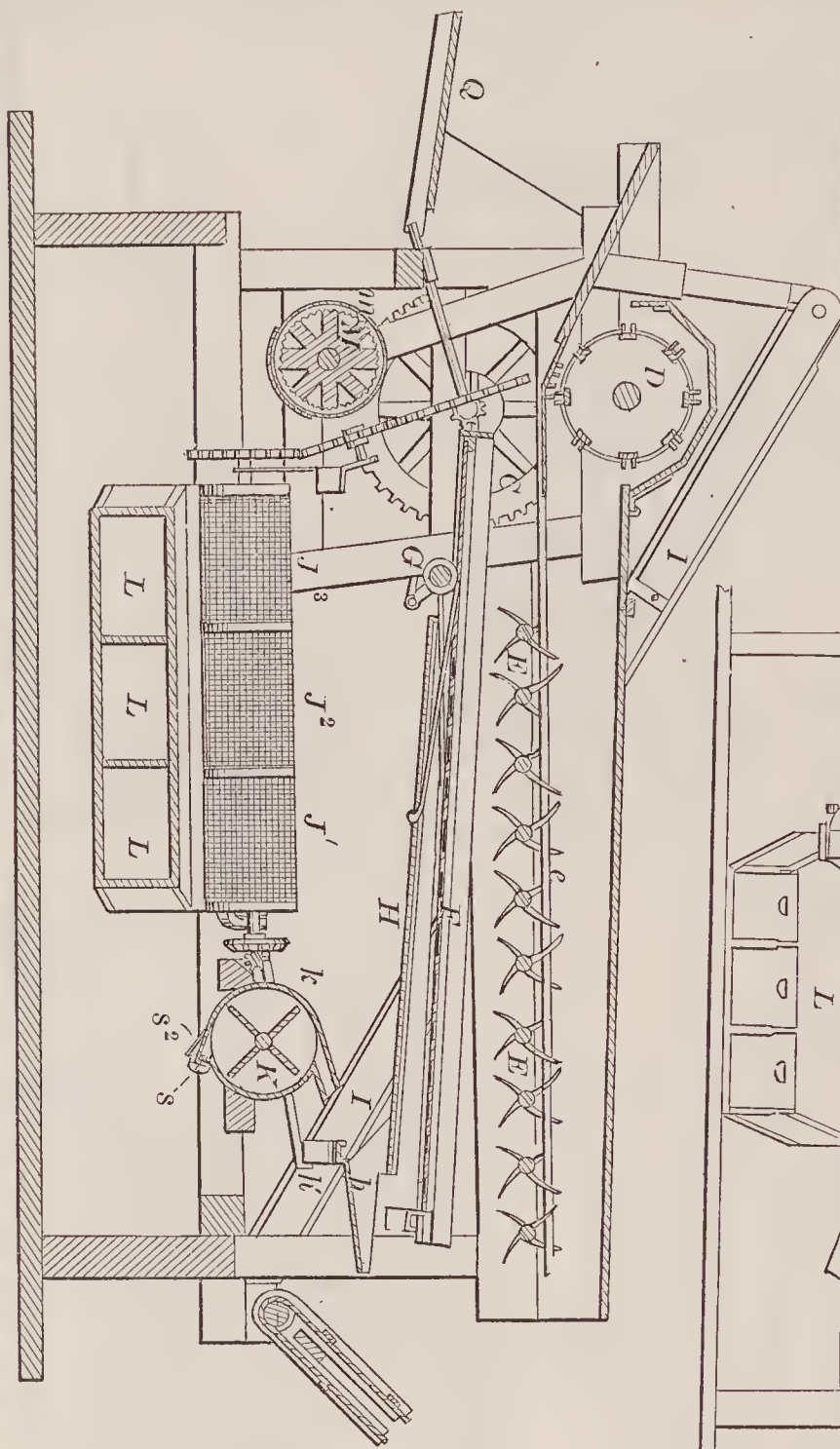
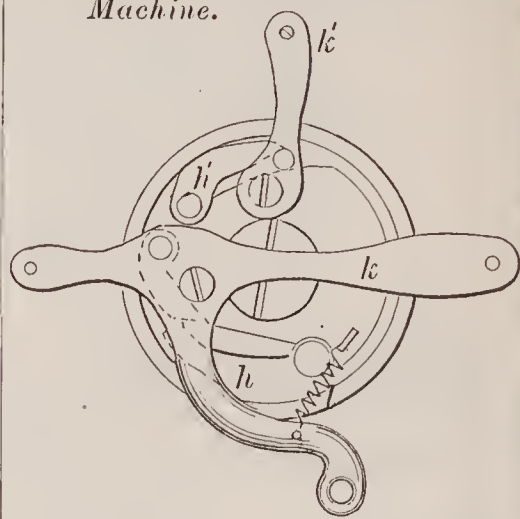
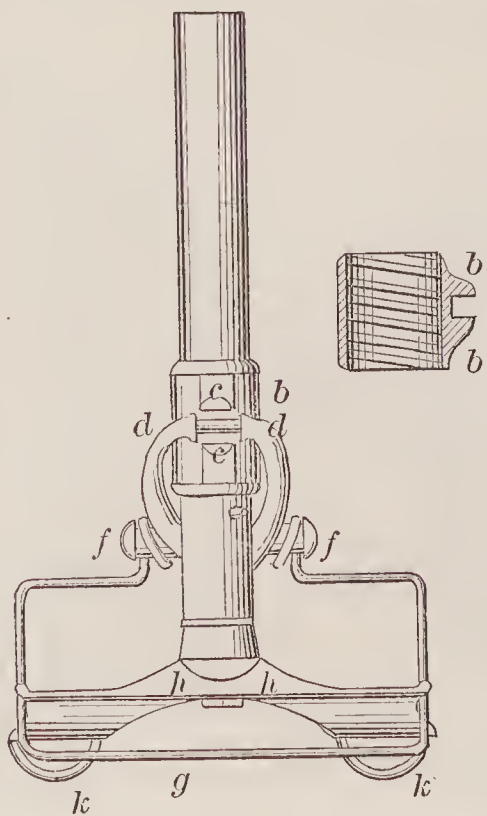
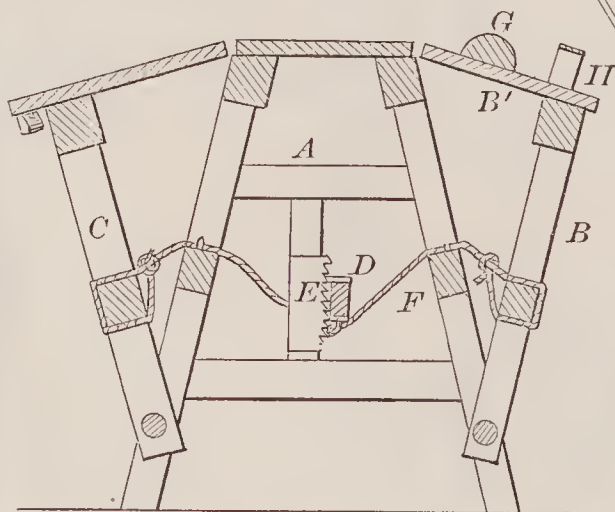


72671—J. Parish—*Drag Hook.*

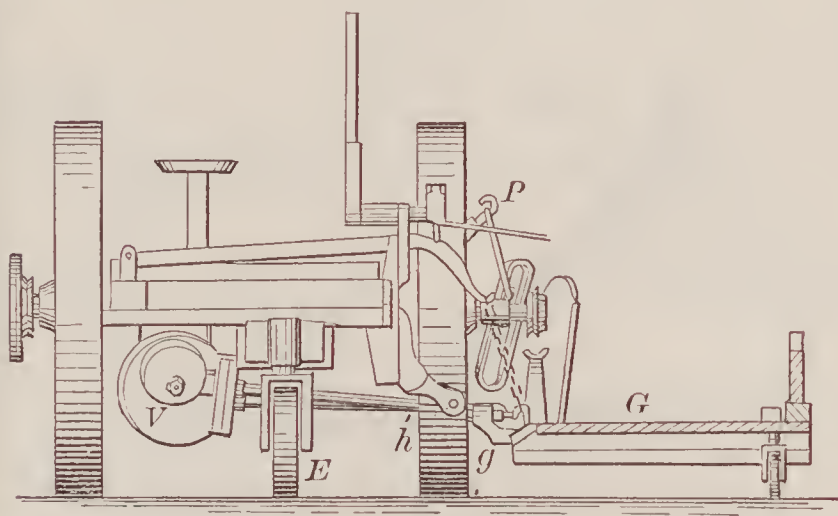
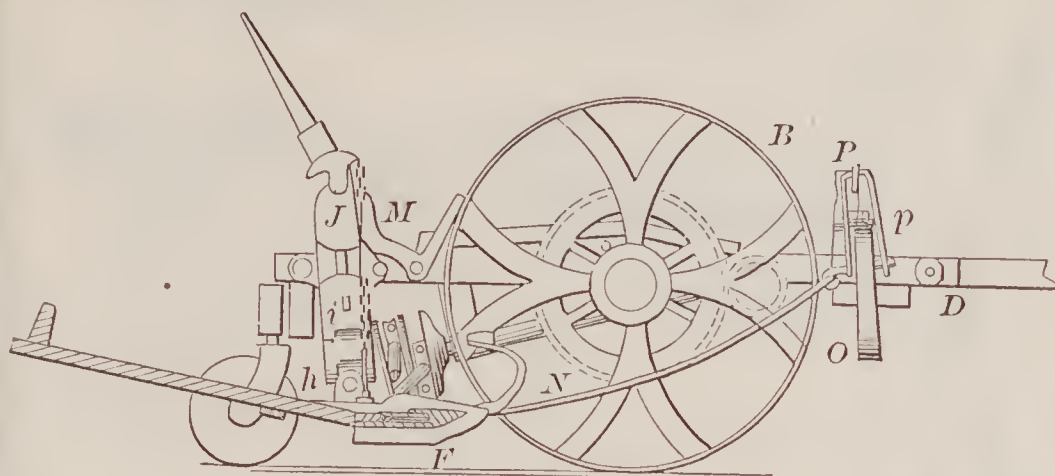


72670—J. V. H. Nott—*Construction of Checkers.*

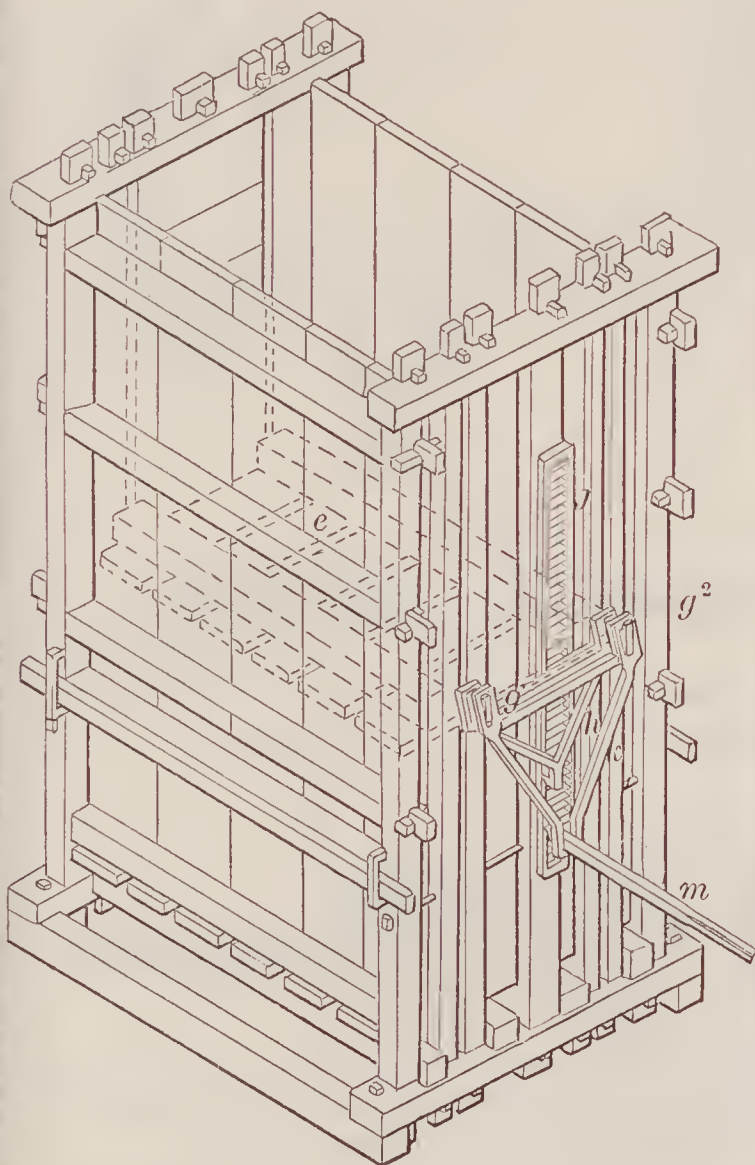


72675—M. E. Phillips—*Threshing Machine.*72676—G. W. Powers—*Sewing Machine.*72677—T. T. Prosser—*Brush and Mop Head.*72674—O. & C. Perry—*Sheep Shearing Table.*

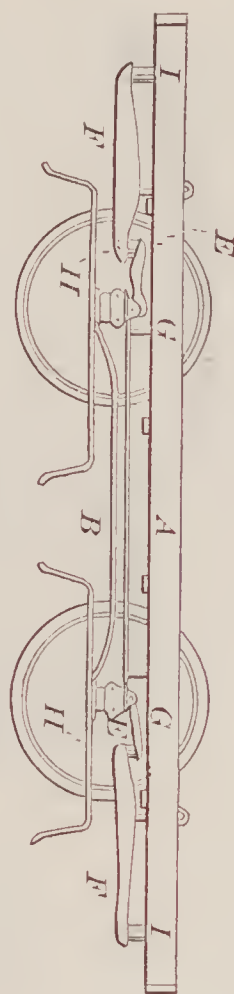
72678—Quick, Opie & Ferrand—*Harvester.*



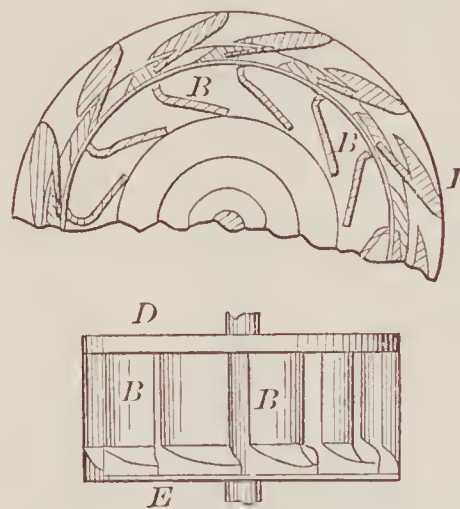
72681—A. C. Richards—*Hay Press.*



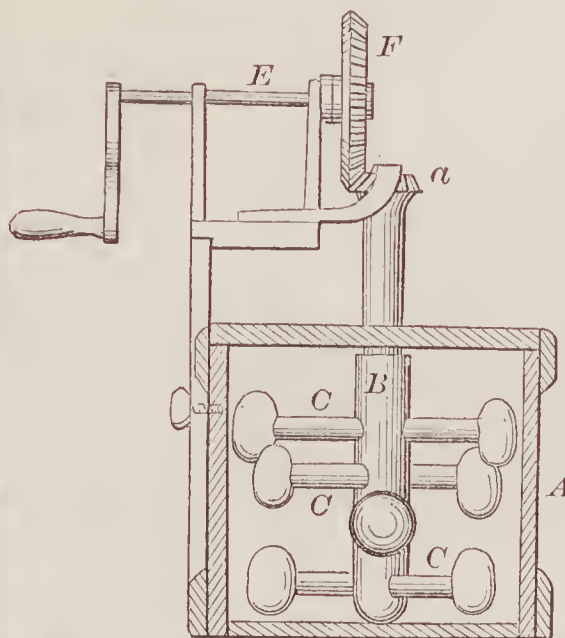
72679—B. L. Randall—*Railway Carriage.*

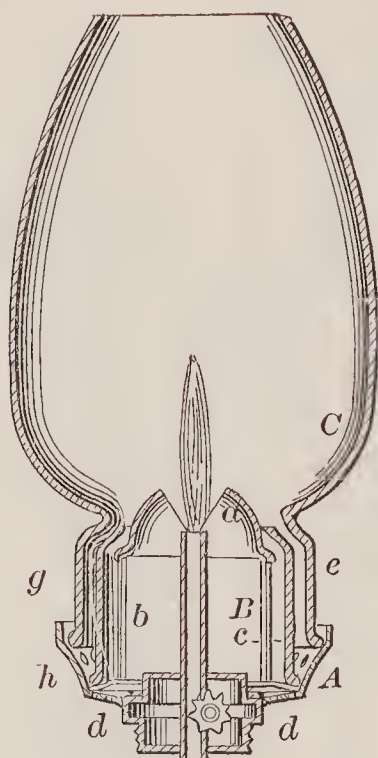
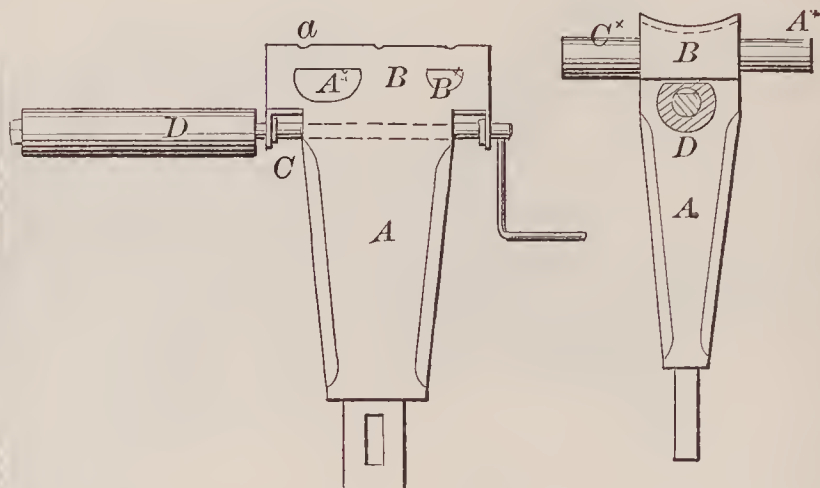
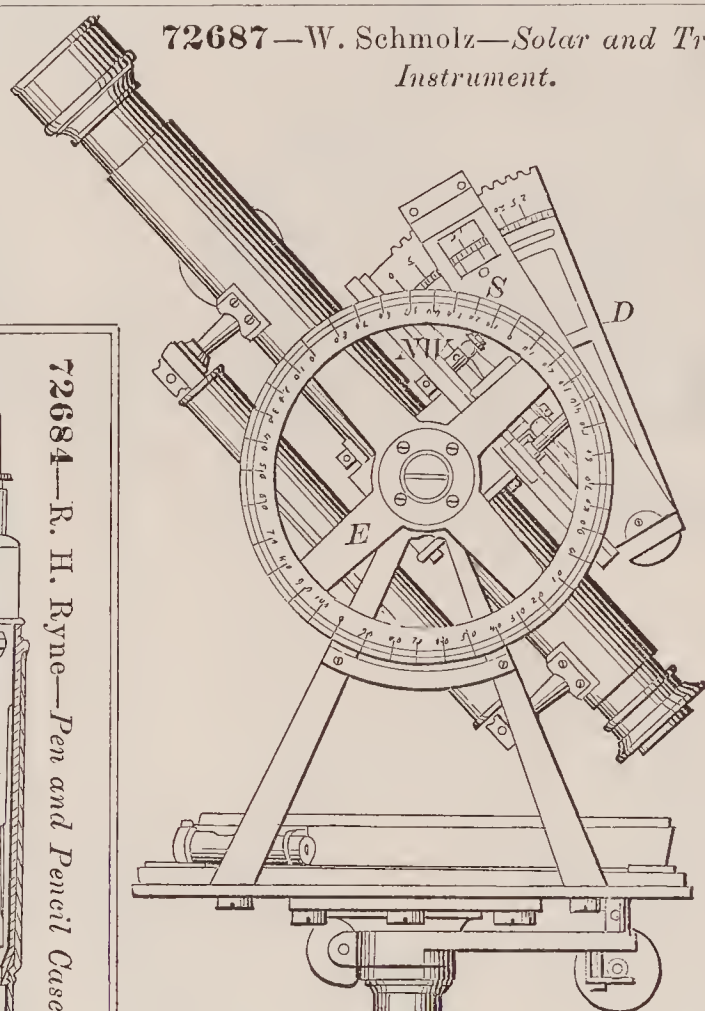
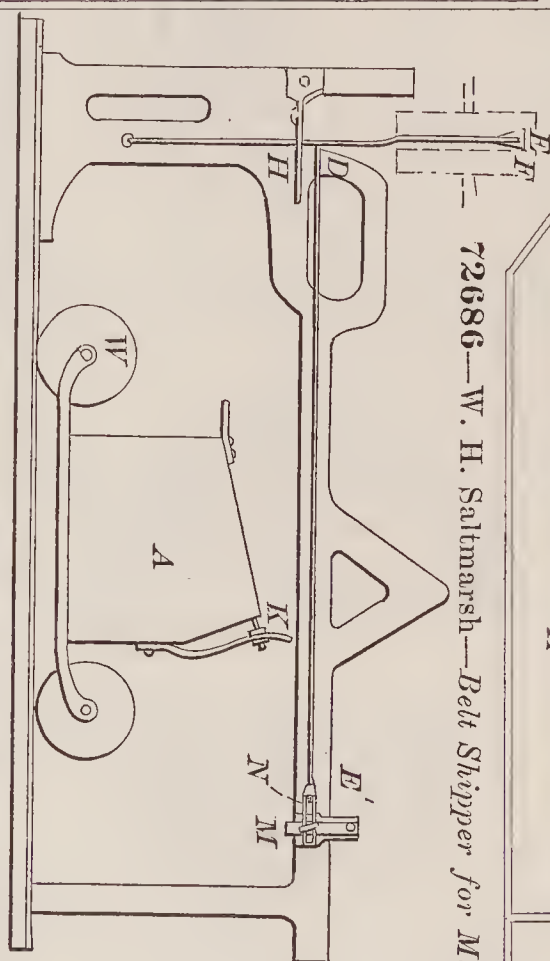
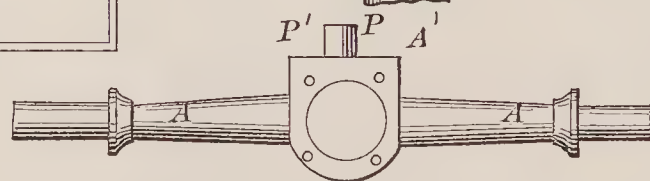
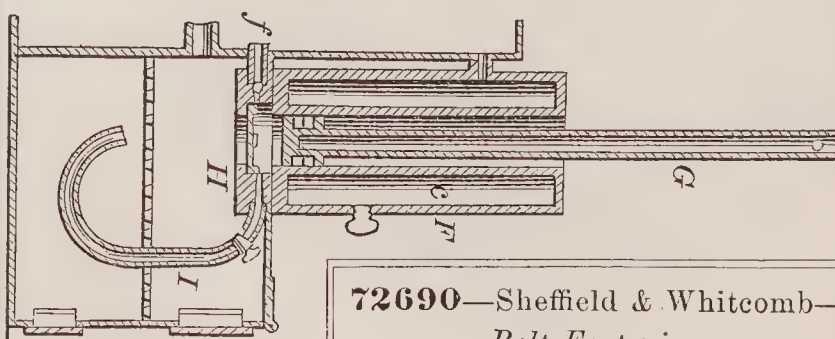
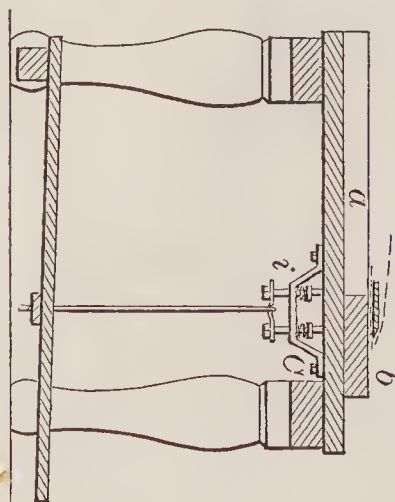


72680—J. Raney—*Water Wheel.*

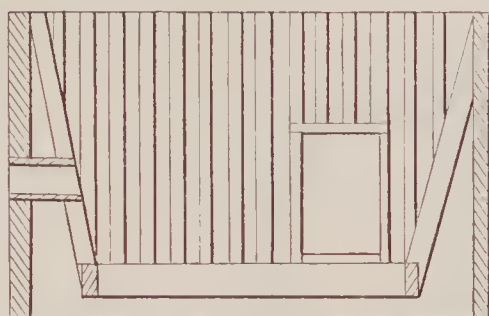


72682—J. Risher—*Churn.*

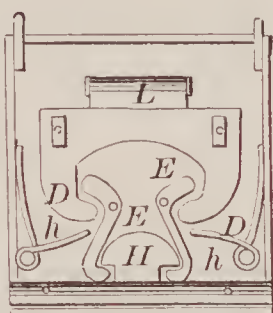


72683—Russell & Clifford—*Lamp.*72688—W. Serviss—*For Making Rings.*72687—W. Schmolz—*Solar and Transit Instrument.*72684—R. H. Ryne—*Pen and Pencil Case.*72686—W. H. Saltmarsh—*Belt Shipper for Mules*72689—G. V. Sheffield—*Steam Generator.*72690—Sheffield & Whitcomb—*Belt Fastening.*72685—J. F. Sachse—*Cloth Plating Machine.*

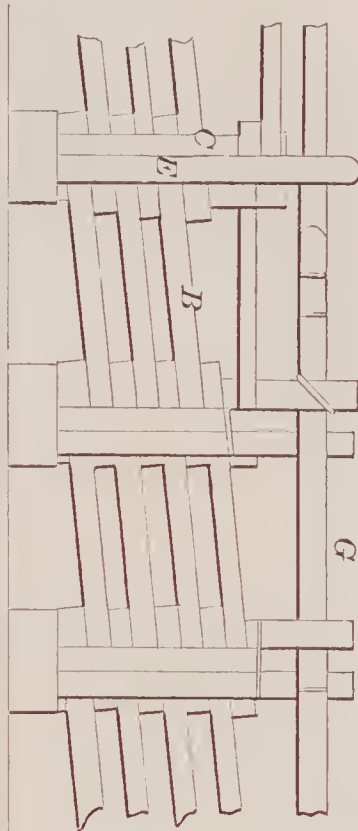
72691—T. Shapard—*Cleaning Cotton.*



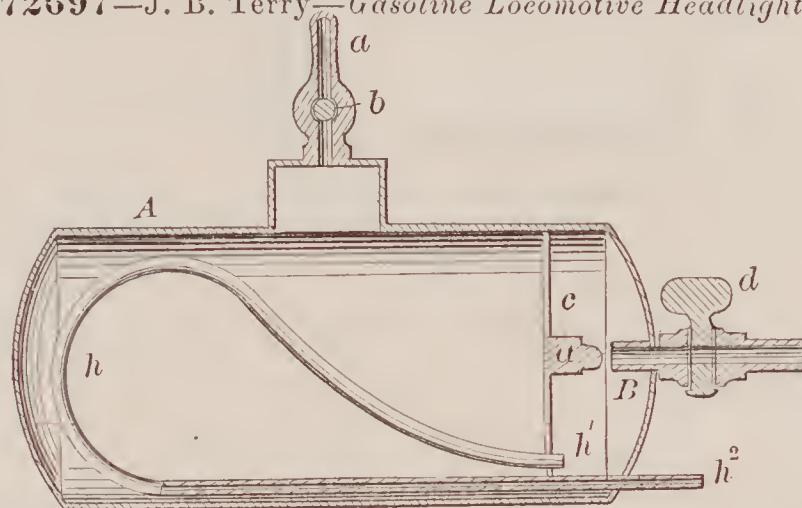
72692—A. M. Smith—*Sash Lock*



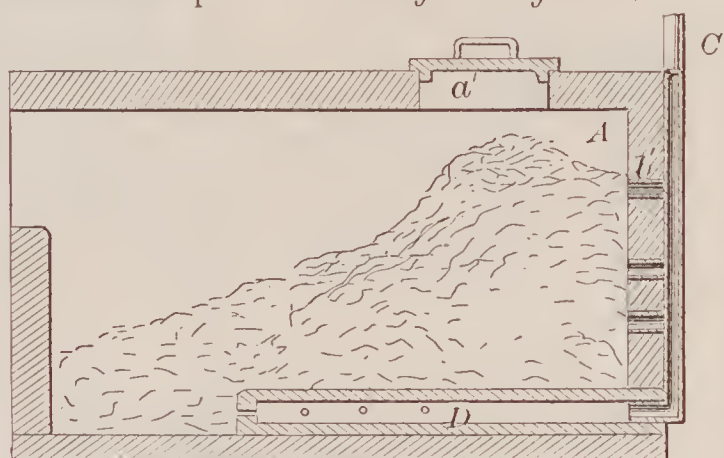
72693—Smith & Olds—*Fence.*



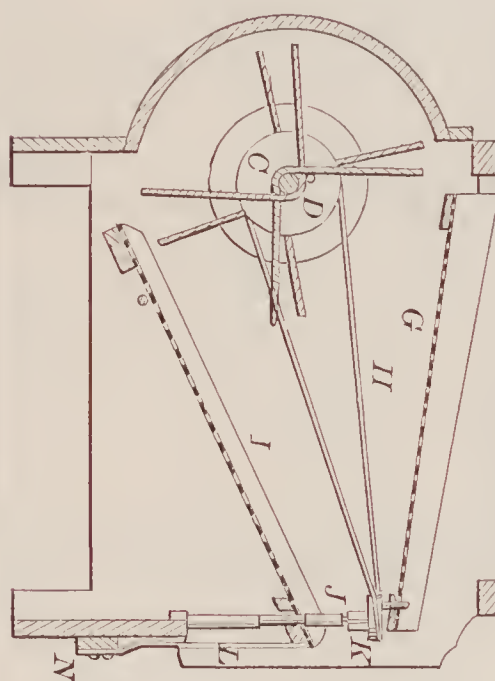
72697—J. B. Terry—*Gasoline Locomotive Headlight.*



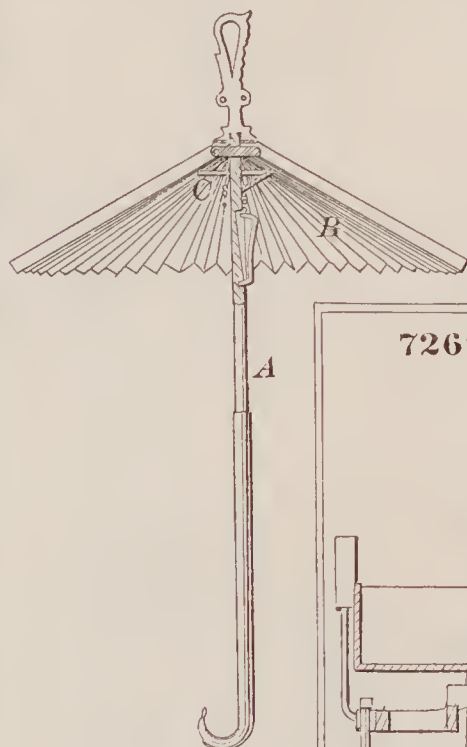
72694—H. Speeler—*Heating Pottery Oven.*



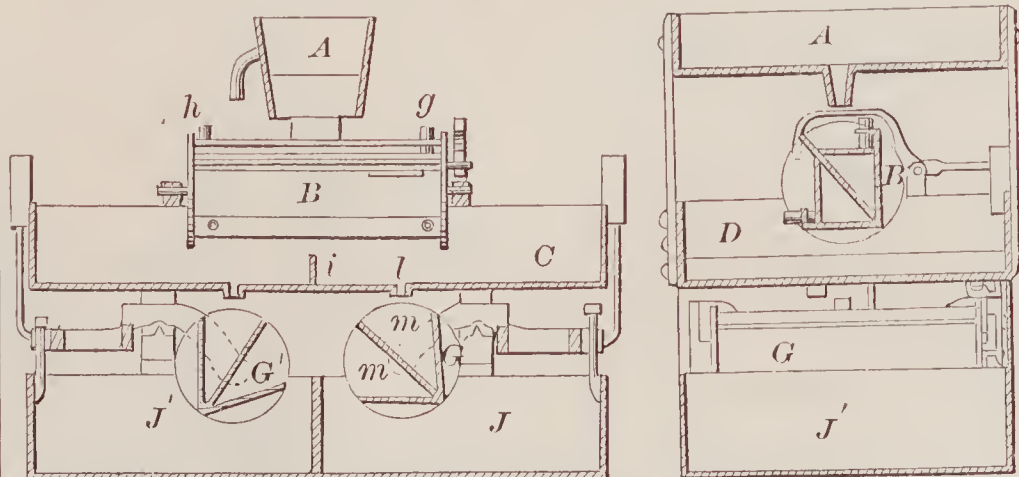
72696—F. Swift—*Grain Separator.*

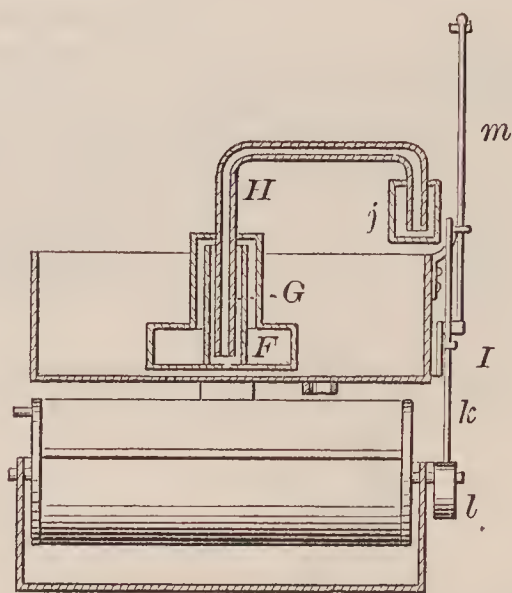
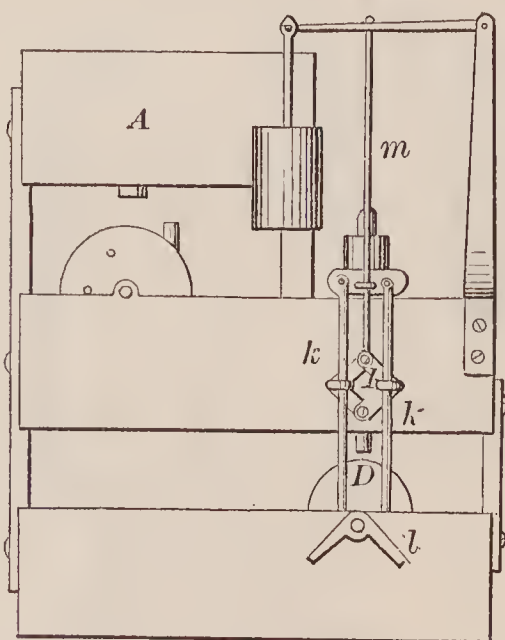
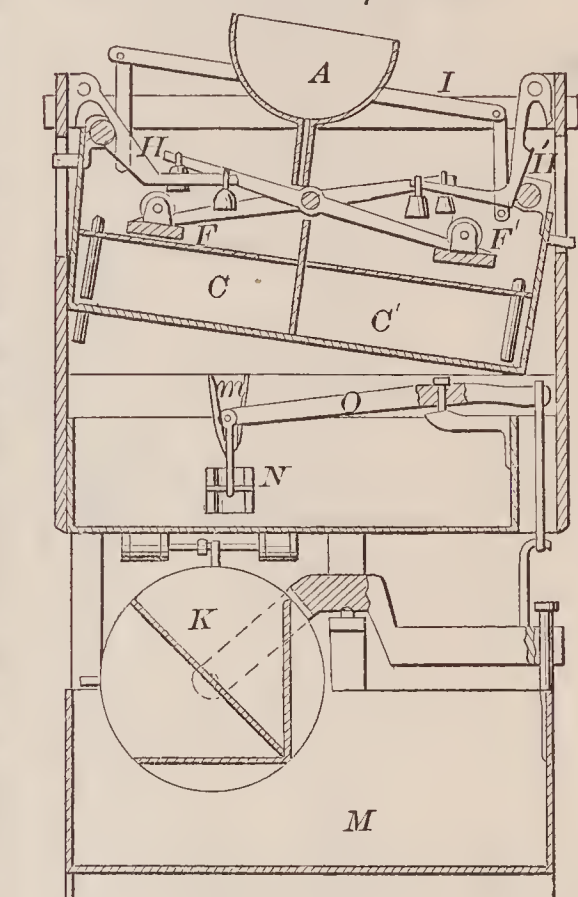
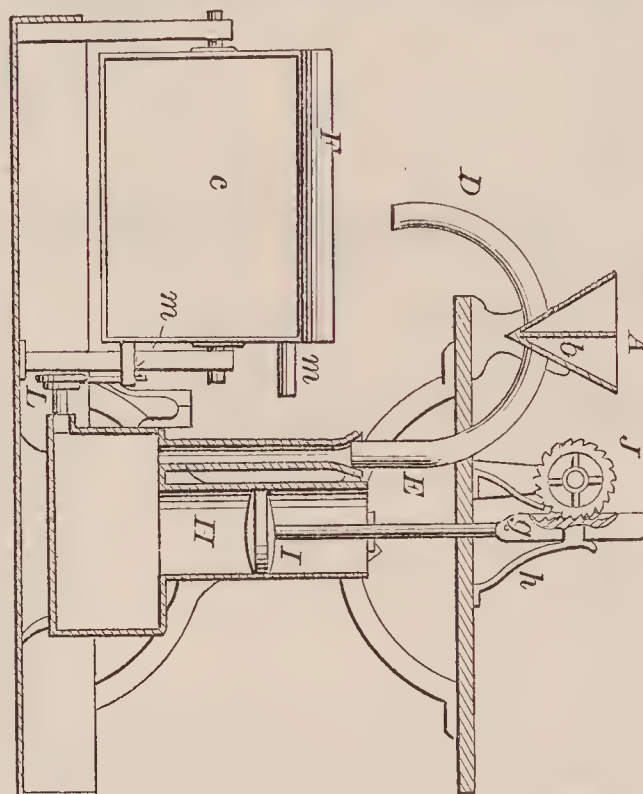
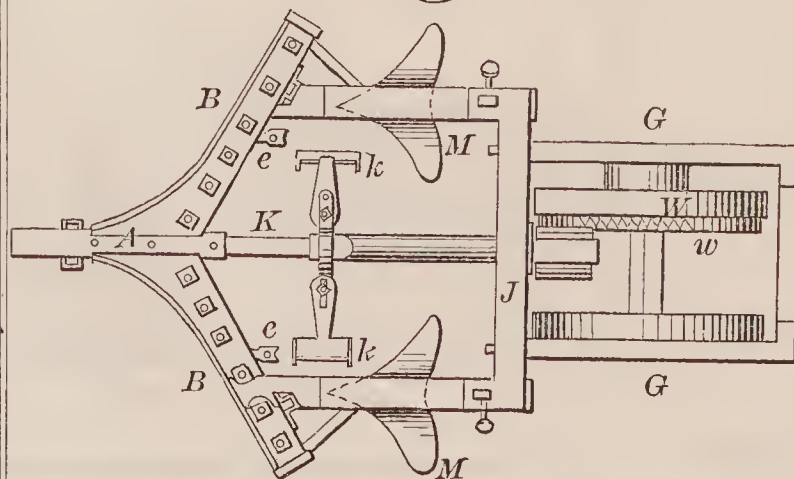
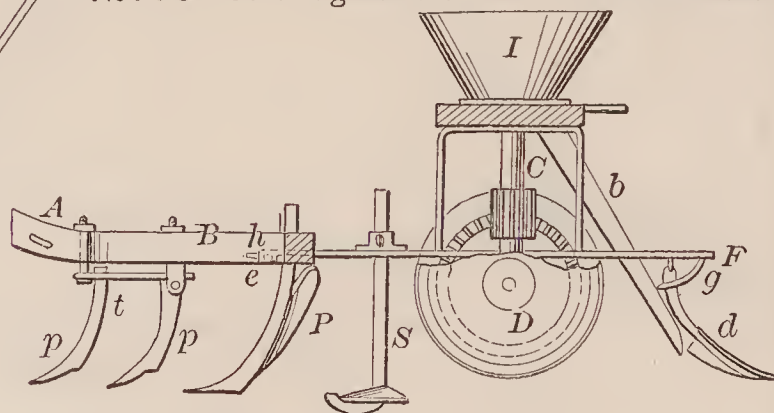
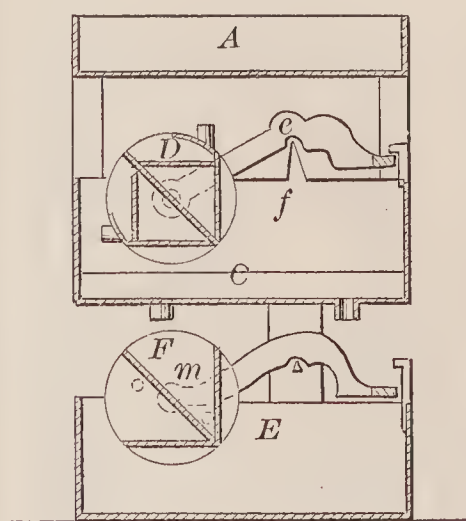


72695—C. St. John—*Parasol.*

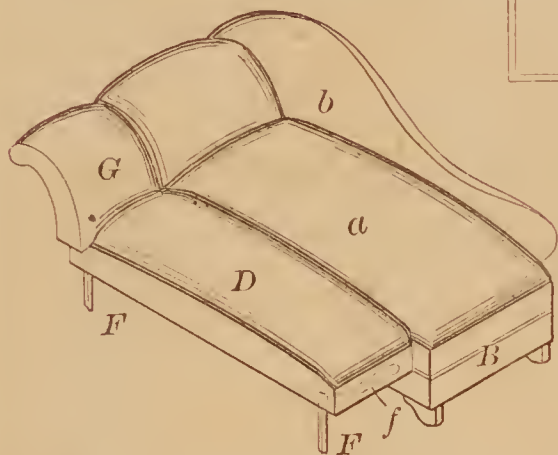
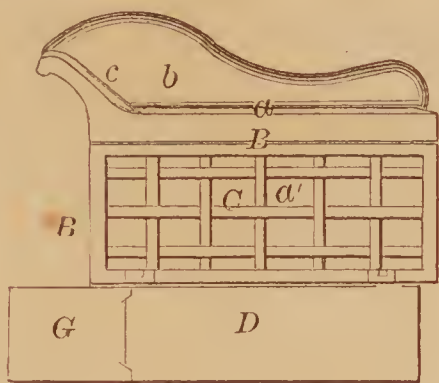


72698—I. P. Tice—*Spirit Meter.*

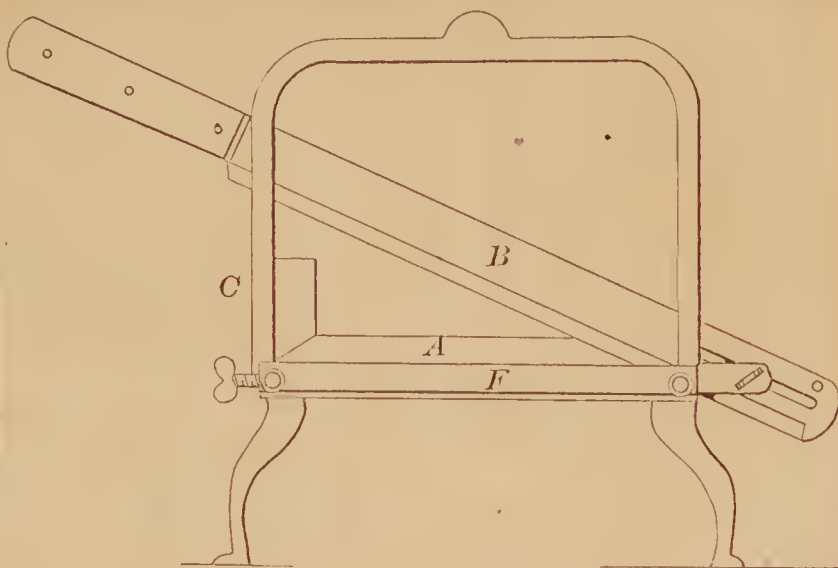


72701—I. P. Tice—*Spirit Meter.*72699—I. P. Tice—*Spirit Meter.*72700—I. P. Tice—*Spirit Meter.*72703—J. Vaughn—*Planter and Cultivator.*72702—I. P. Tice—*Spirit Meter.*

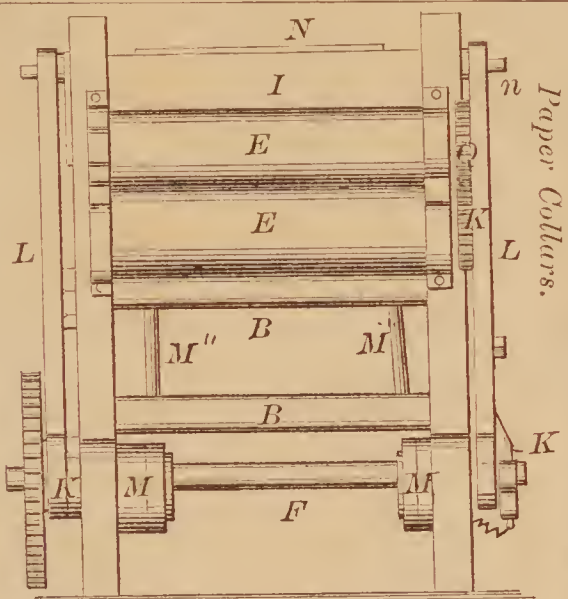
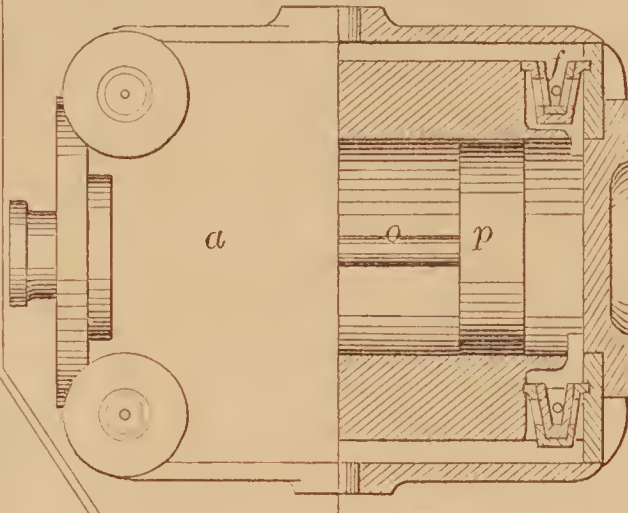
72704—C. F. Vollmer—*Extension Bed Lounge.*



72709—G. D. Williams—*Bread Cutter.*

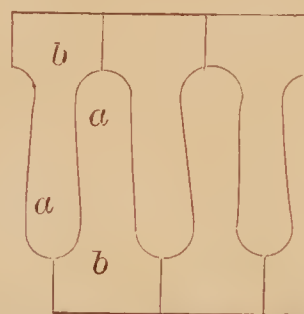


72707—C. Whittier—*Slide Valve.*

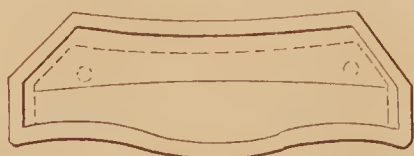
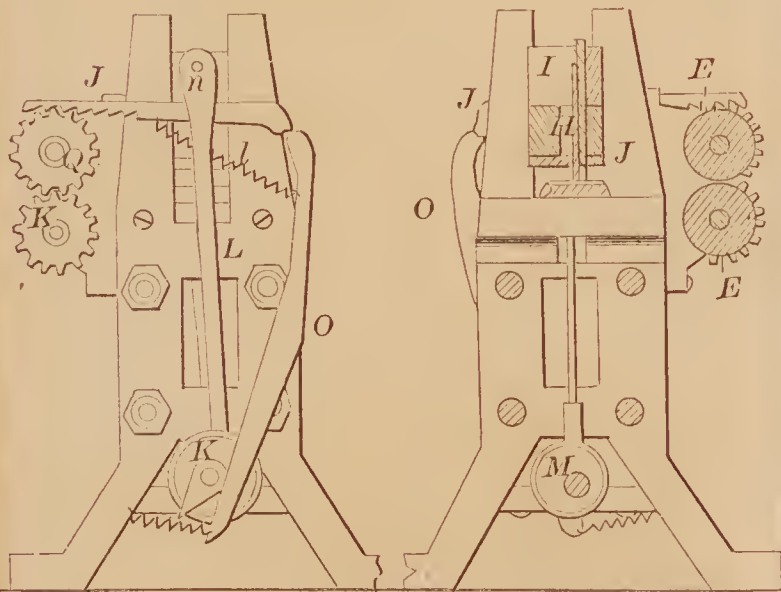
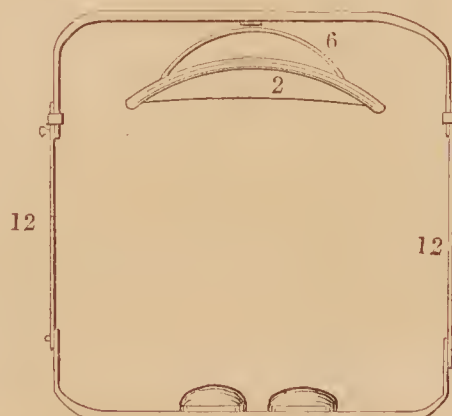
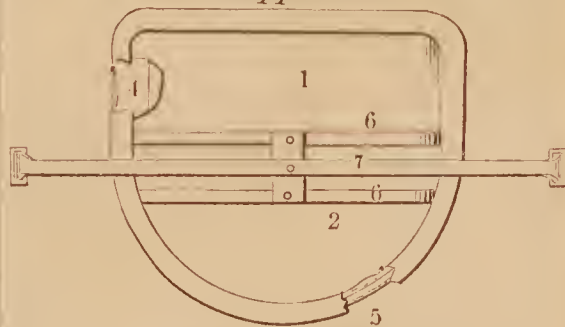


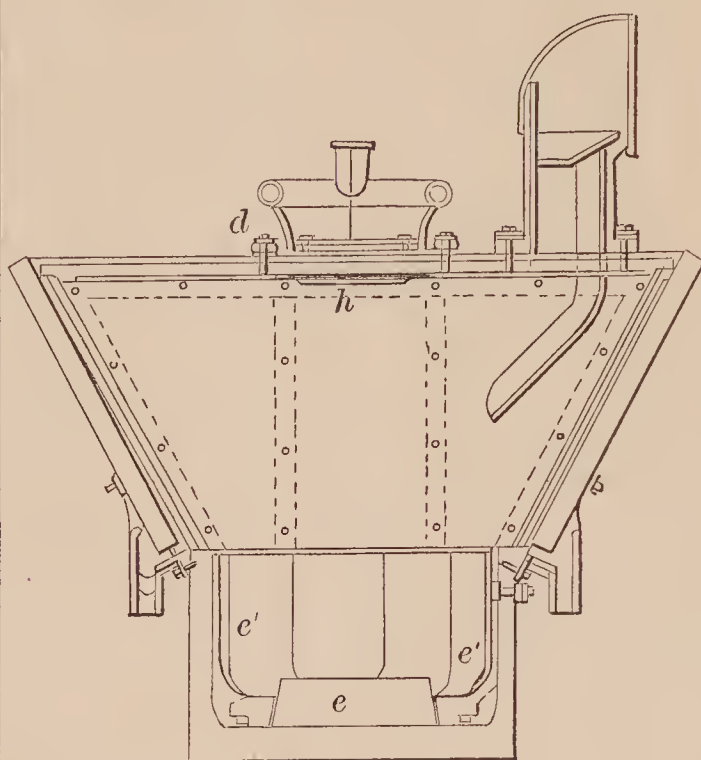
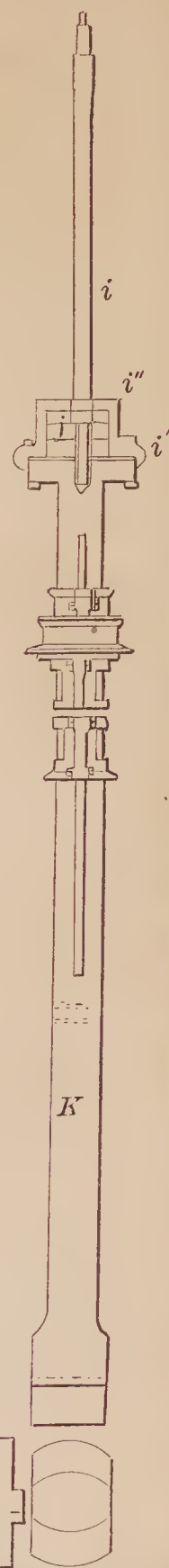
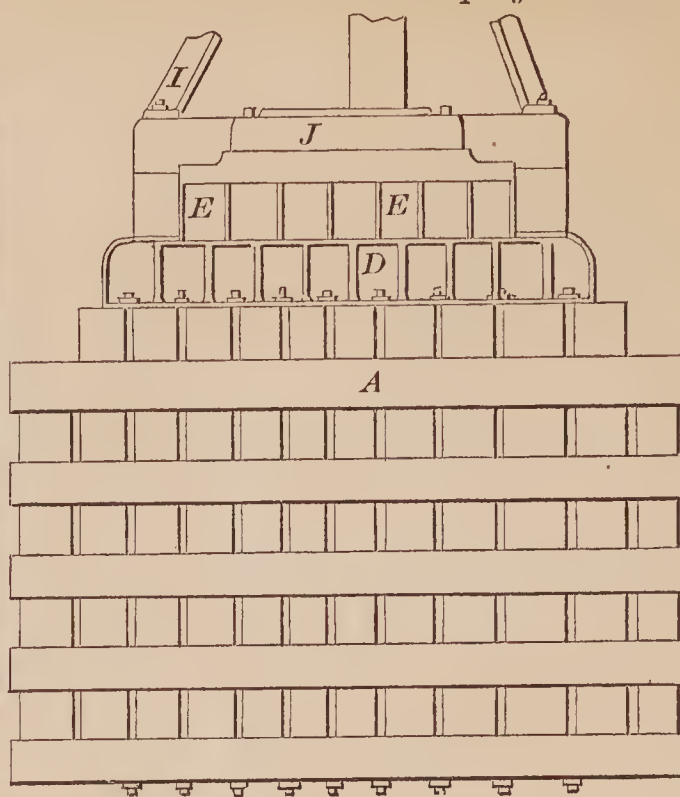
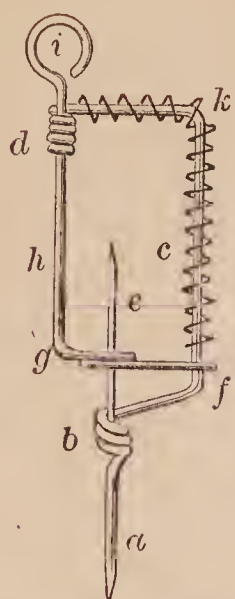
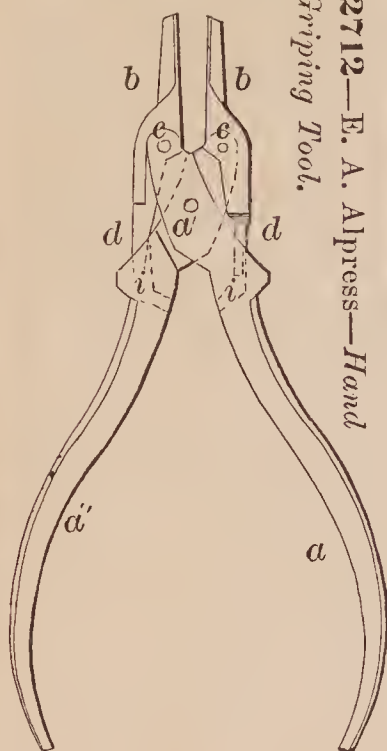
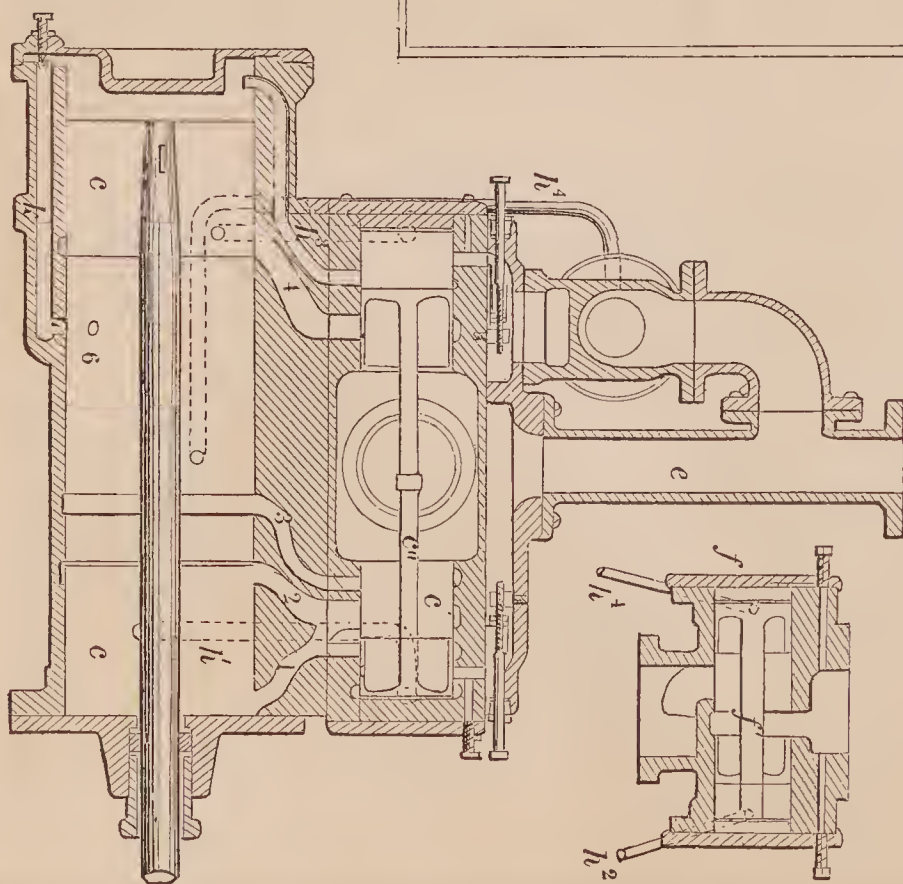
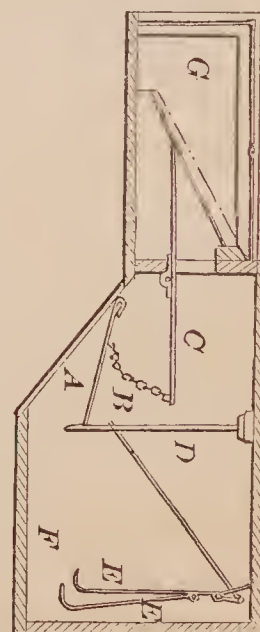
72705—O. F. Washburn—*For Making Paper Collars.*

72706—L. S. White—*Spoon Blank.*

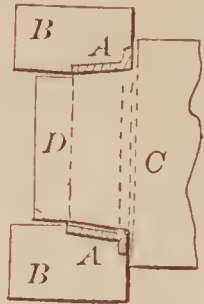


72710—W. M. Young—*Abdominal Supporter.*

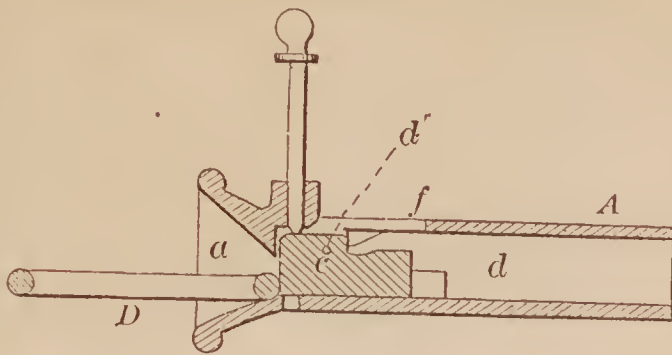


72715—W. Ball—*For Stamping Ores.*72711—J. Adair—*Paper File.*72712—E. A. Alpress—*Hand Gripping Tool.*72714—W. Ball—*Steam Engine.*72713—S. M. Armistead—*Animal Trap.*

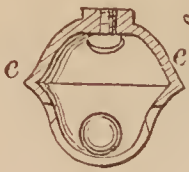
72719—E. B. Butler—
Making Hat Bands.



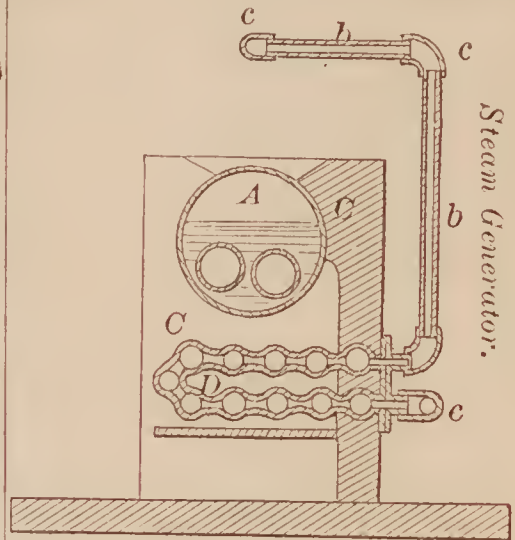
72717—E. R. Bigelow—*Car Coupling.*



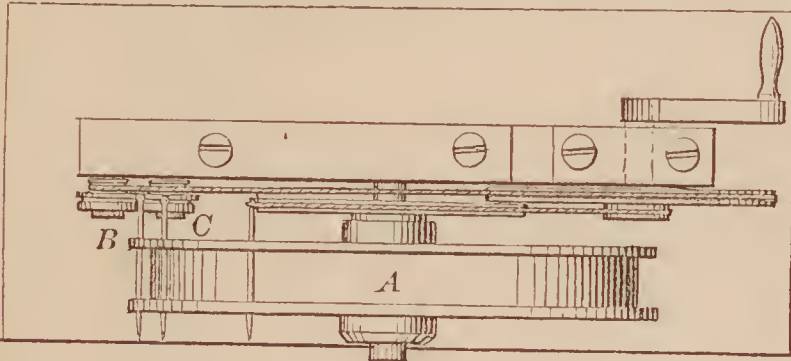
72716—W. E. Barton—
Sleigh Bell.



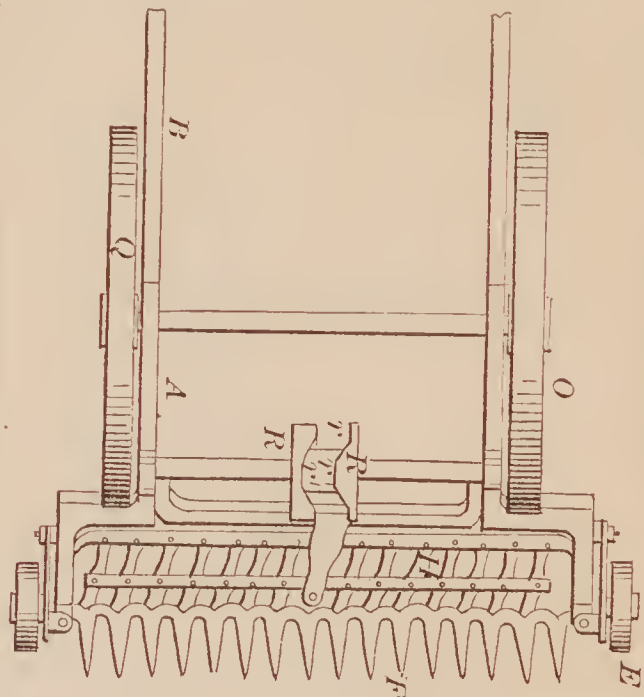
72720—G. H. Clarke—
Steam Generator.



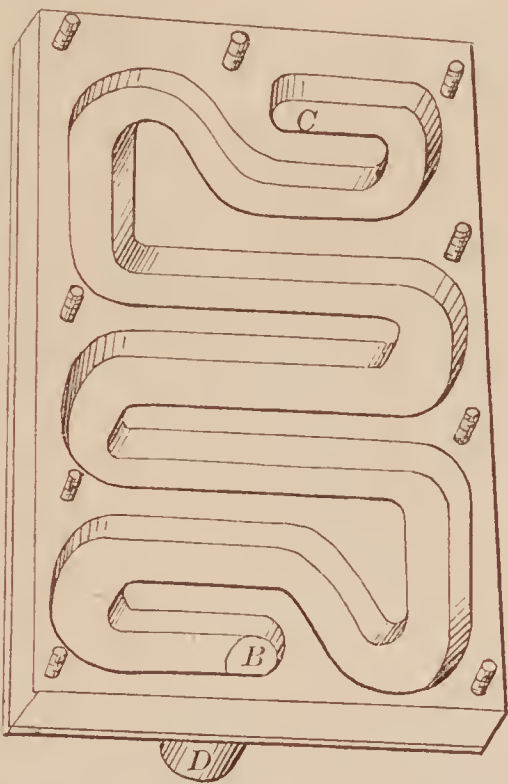
72718—E. F. Bradley—*Head Roll for Pin Machines.*



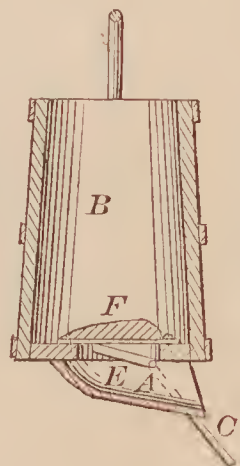
72722—R. F. Cooke—*Harvester.*



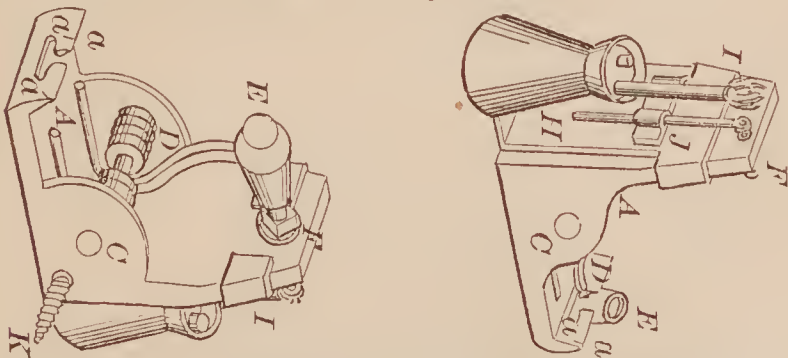
72721—C. F. Conrad—*Windworm for Bellows.*



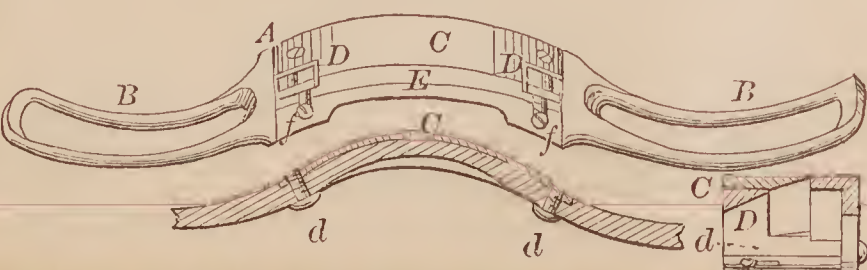
72725—J. Daykin—*Water Drawer.*



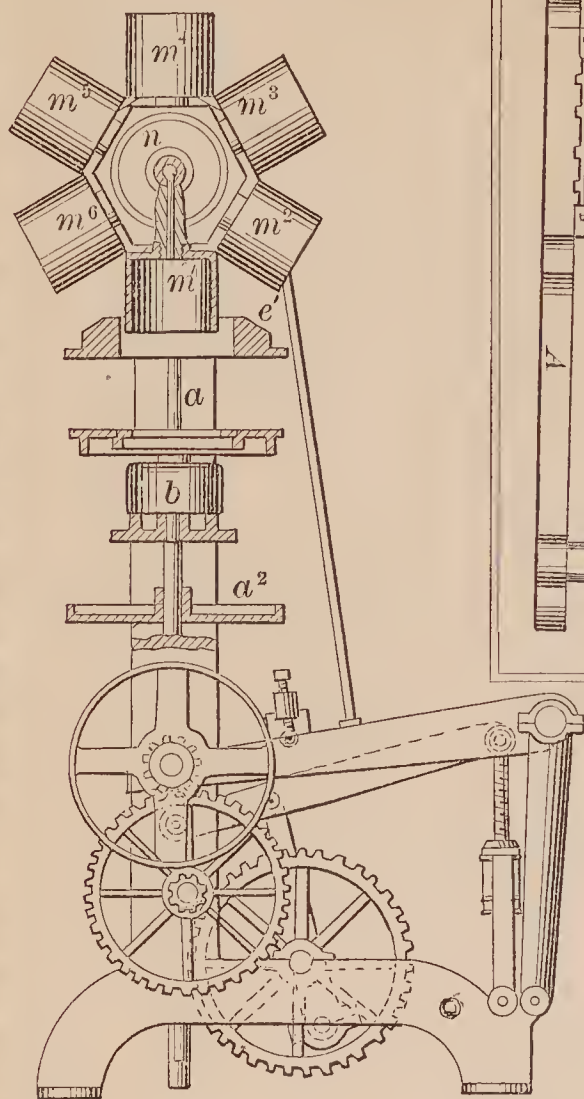
72723—Crum & Irwin—*Burglar Alarm.*



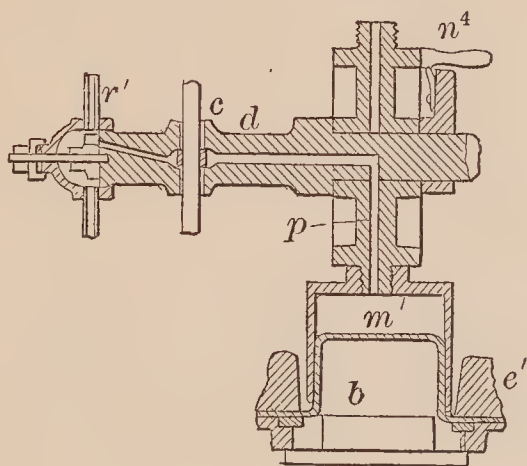
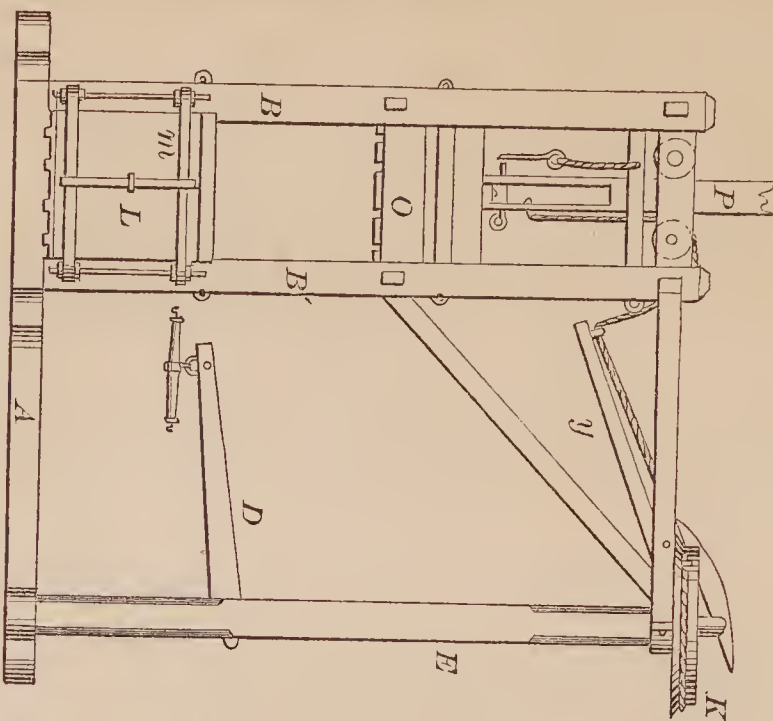
72724—F. S. Dawes—*Heel Shave.*



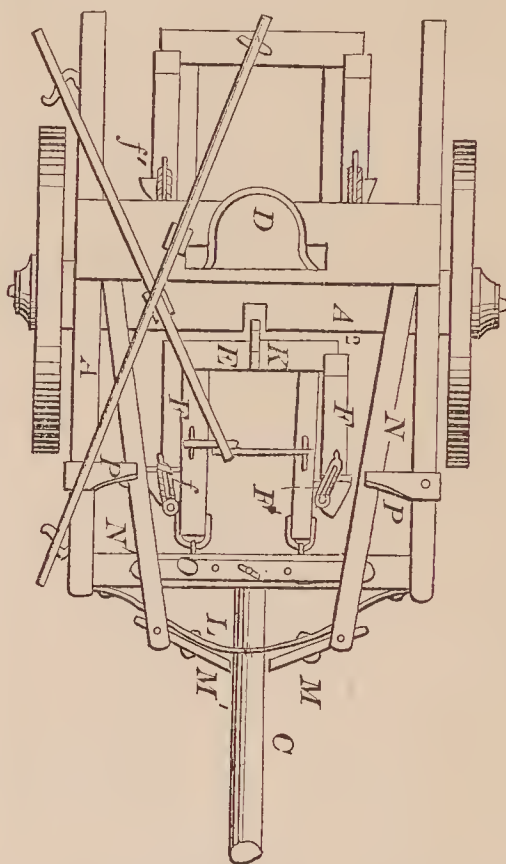
72726—R. Eickmeyer—*For Blocking and Shaping Hats.*



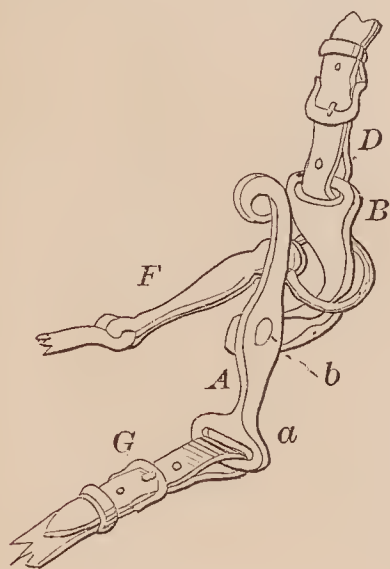
72728—G. Ertel—*Beater Press.*



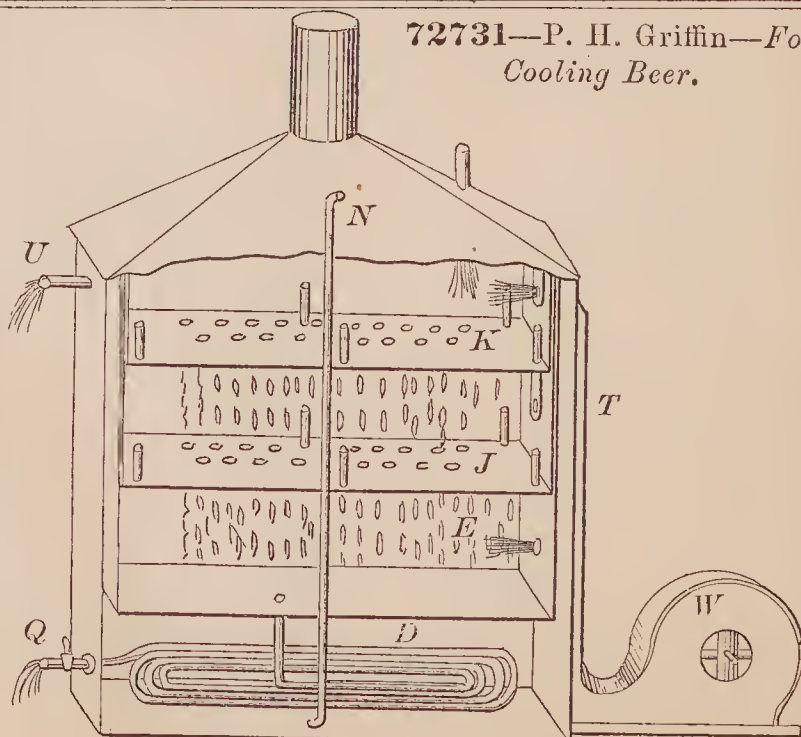
72730—W. Foster—*Gang Plow.*



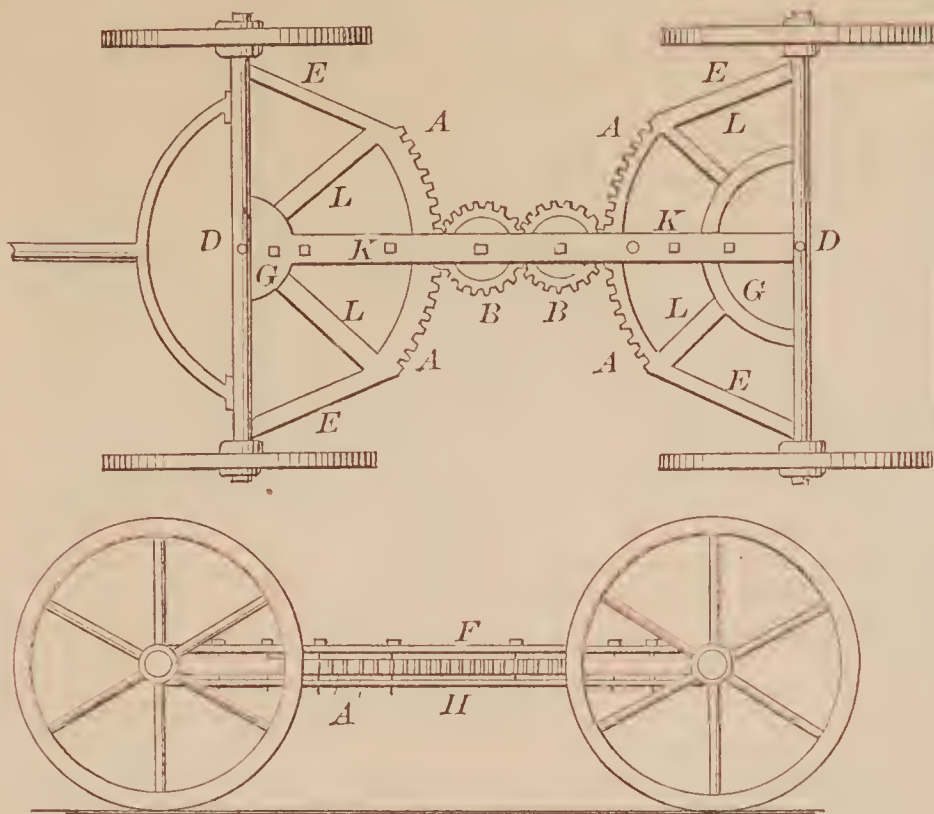
72729—R. Fink—*Bridle.*



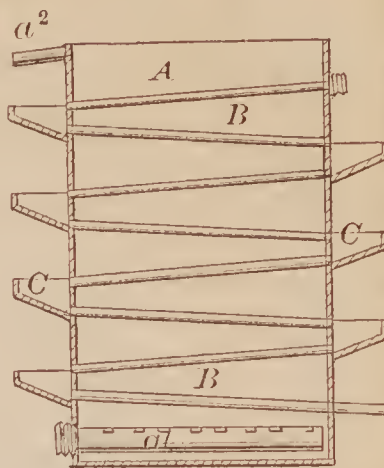
72731—P. H. Griffin—*For Cooling Beer.*



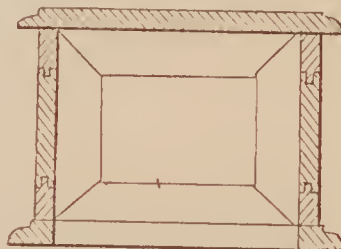
72737—D. W. Hutchinson—*Four-Wheeled Vehicle.*



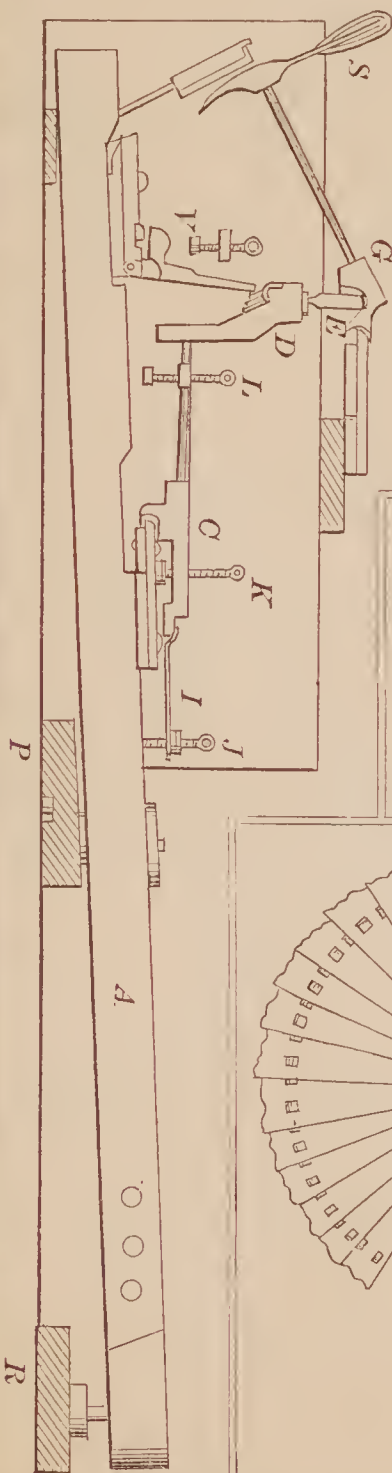
72733—H. Heimerle—*Beer Cooler.*



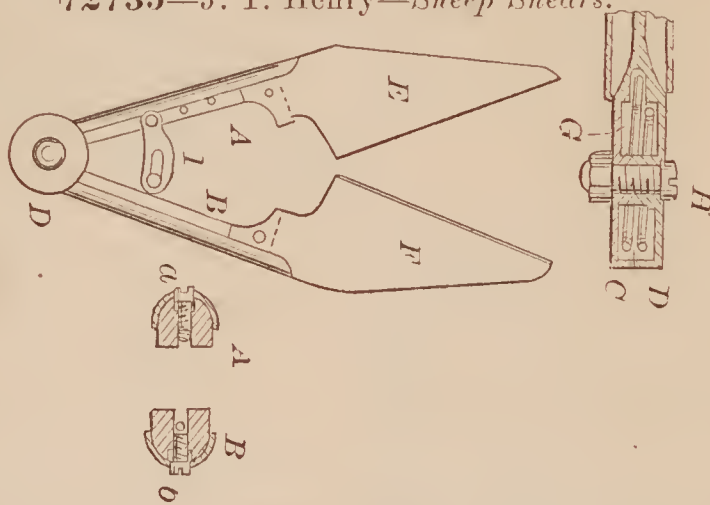
72739—J. Johnson—*Sewing Machine Case.*



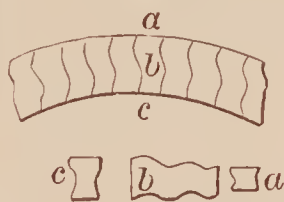
72738—A. B. Irving—*Piano Forte Action.*



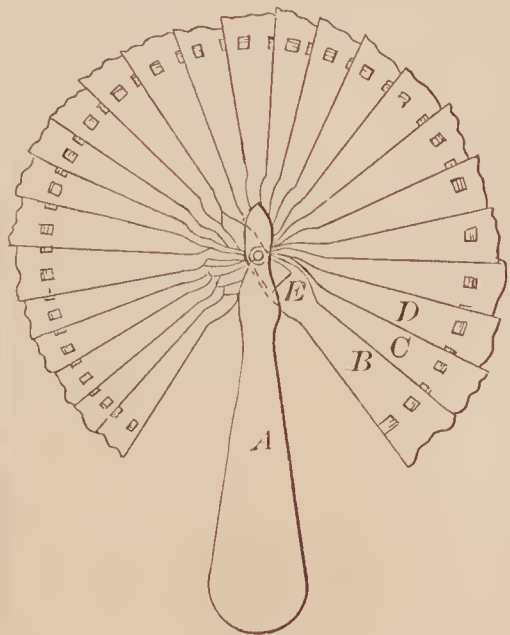
72735—J. T. Henry—*Sheep Shears.*



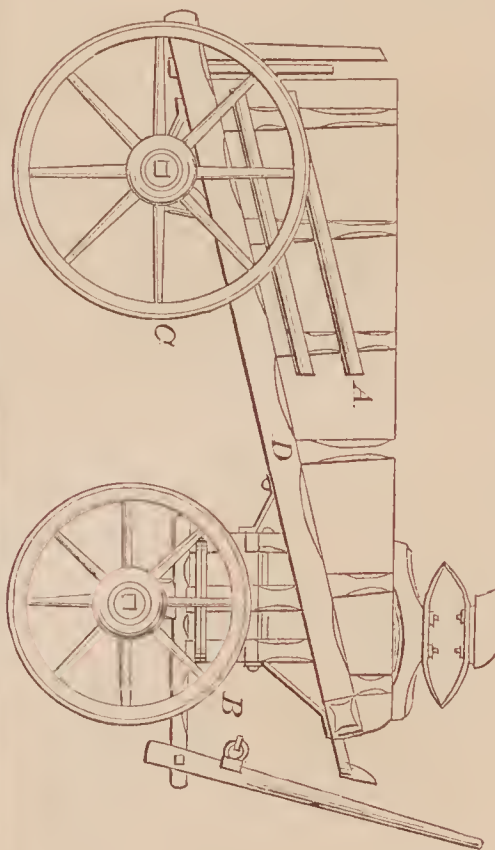
72734—E. Hennessey—*Brick.*

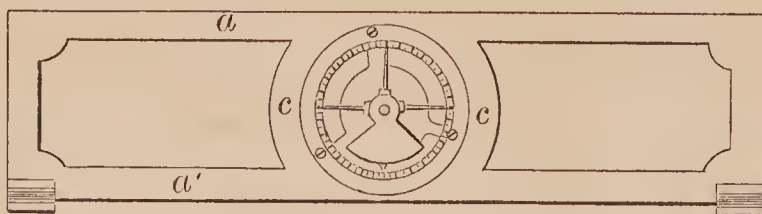
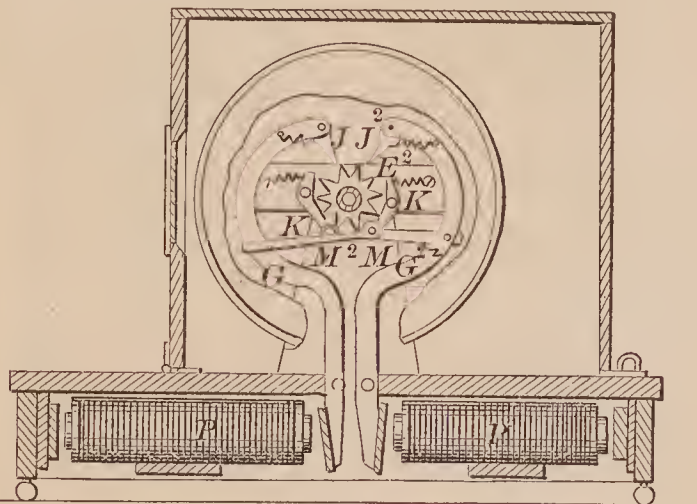
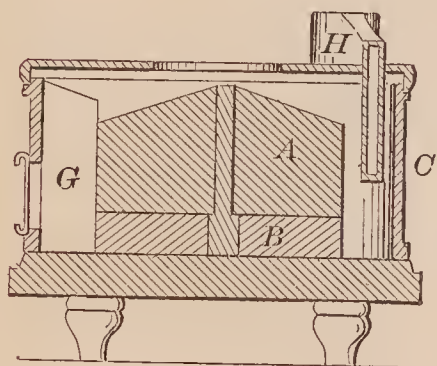
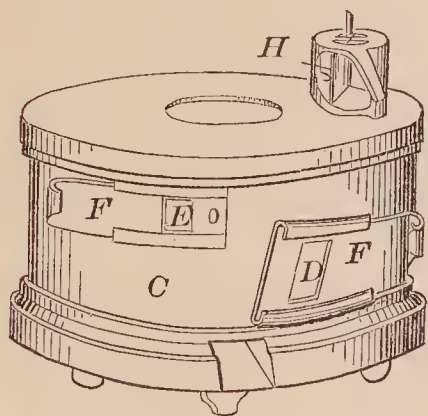
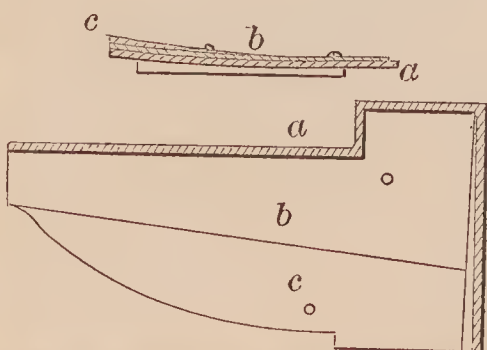
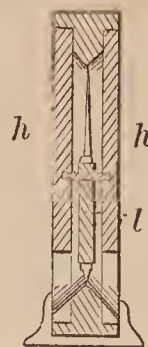
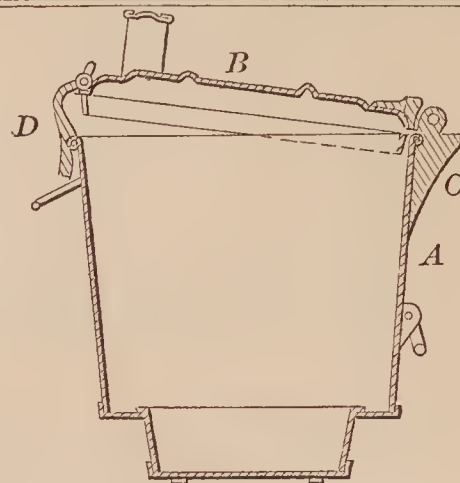
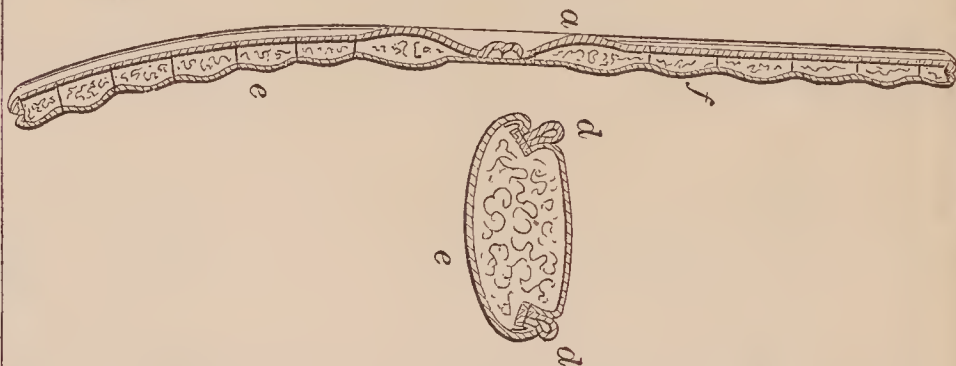
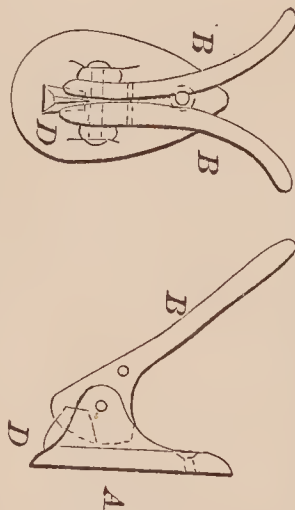
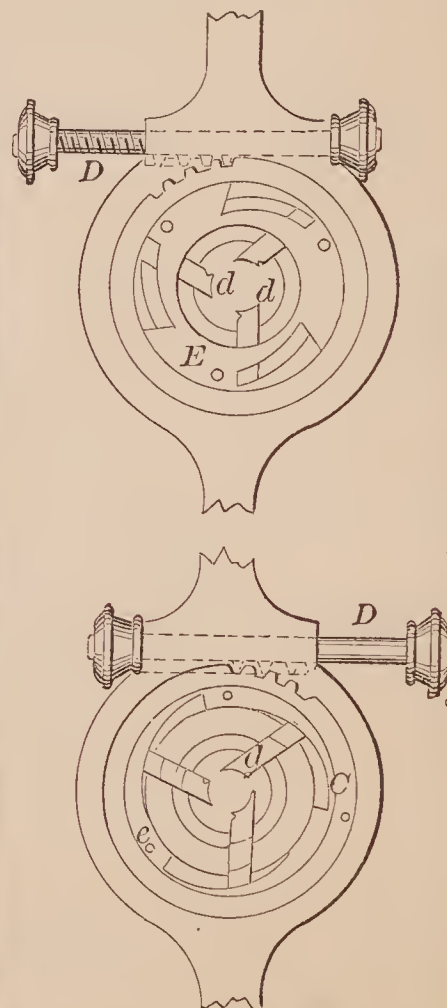


72732—T. W. Hawkins—*Fan.*

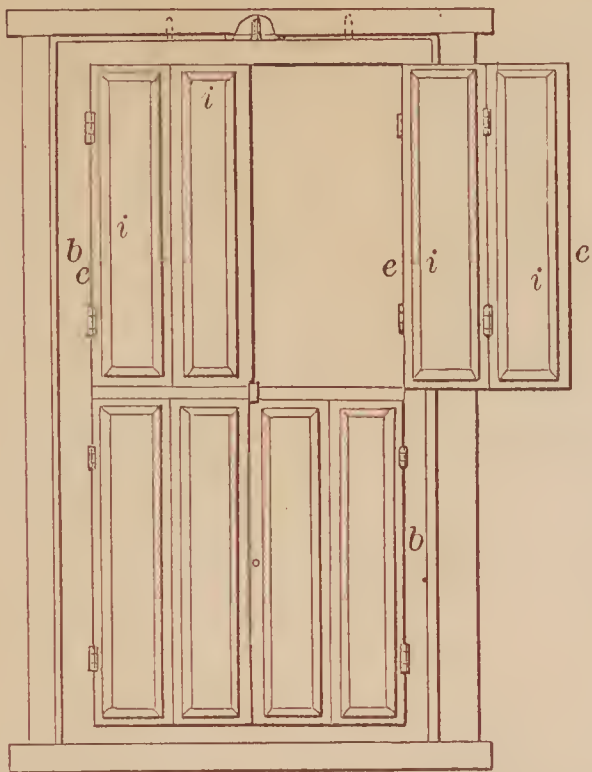


72736—G. W. Hoskin—*Wagon Body.*

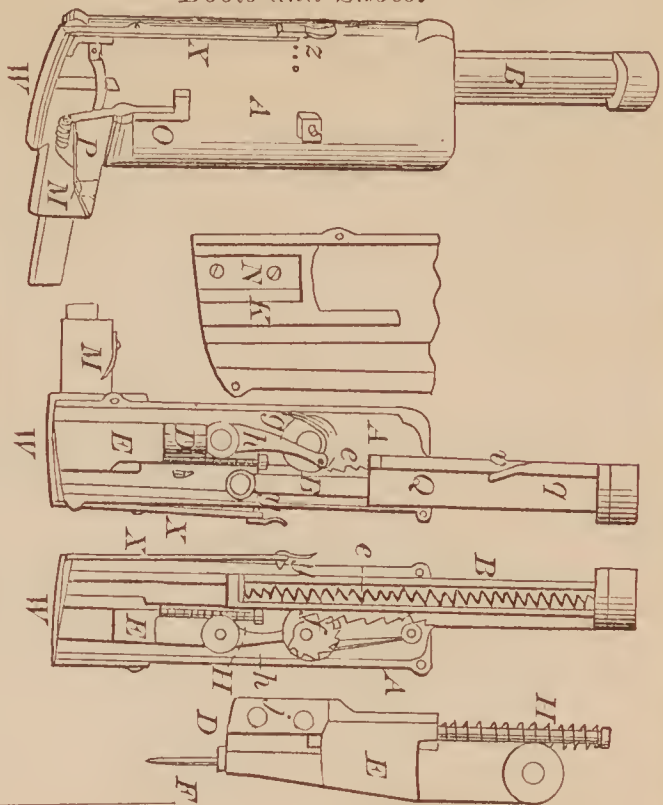


72740—J. L. L. Knox—*Clinometer and Level.*72742—S. S. Laws—*Electrical Indicator.*72744—J. Mallin—*Cooling Millstone and Curb.*72745—L. Matt—*Piano Forte Sound Board.*72741—R. Iansstrom—*Gas Burner Tip.*72746—H. Matthews—*Kettle.*72743—W. Leonard—*Harness Saddle.*72748—S. S. Meriam—*Whip Hanger.*72747—D. McArthur—*Die Stock for Cutting Screws.*

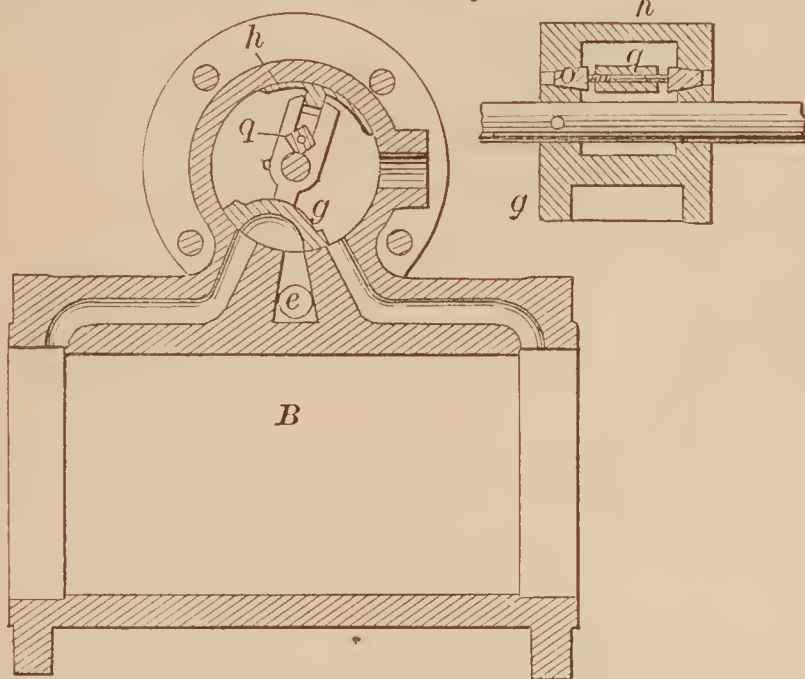
72749—P. Miller—Window Shutter.



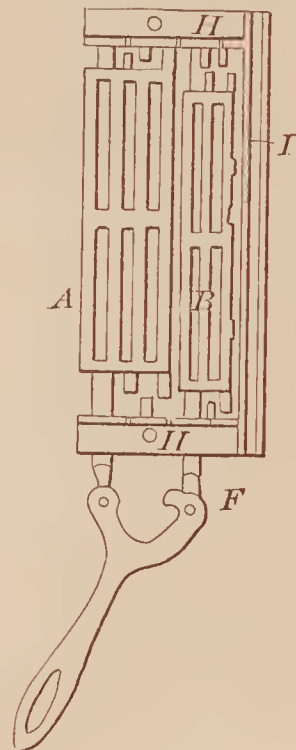
72753—D. D. Palmer—For Pegging Boots and Shoes.



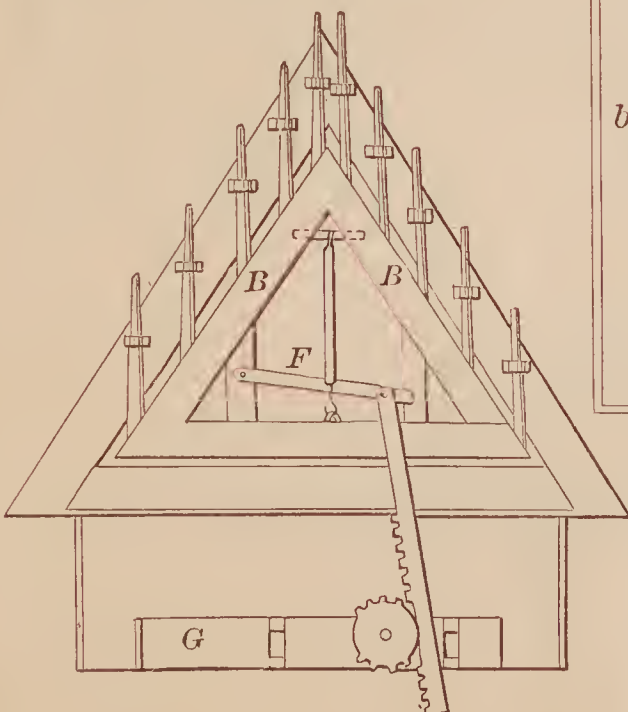
72750—J. F. Morse—Steam Engine Valve.



72754—D. E. Paris—Stove Grate.



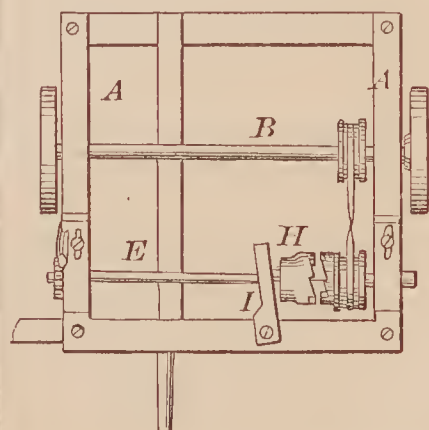
72752—W. J. Orr—Cow Catcher on Rail Cars.

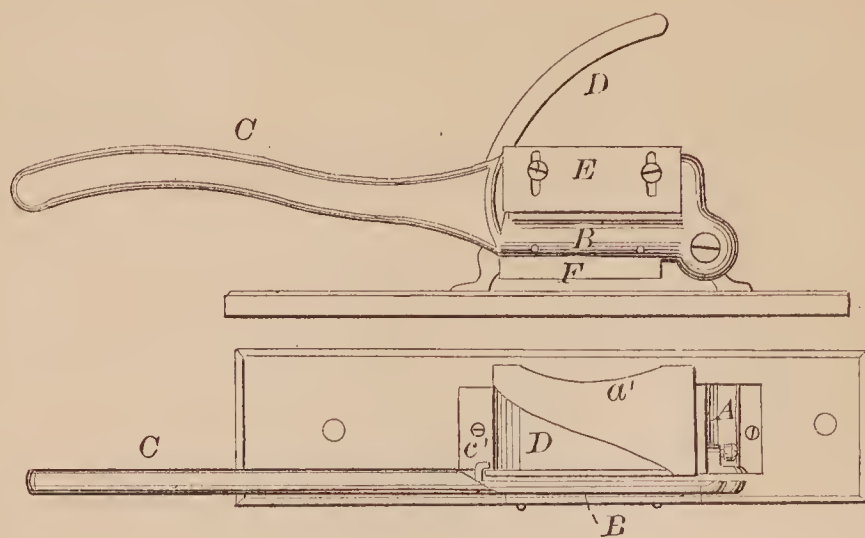
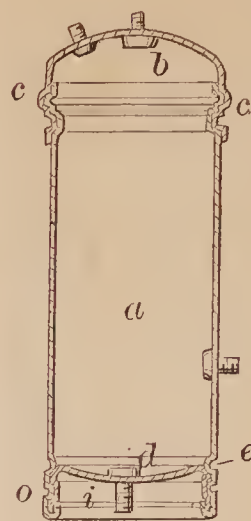
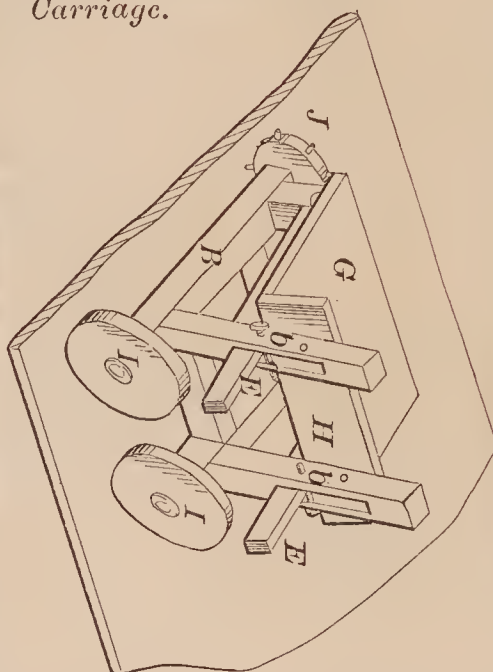
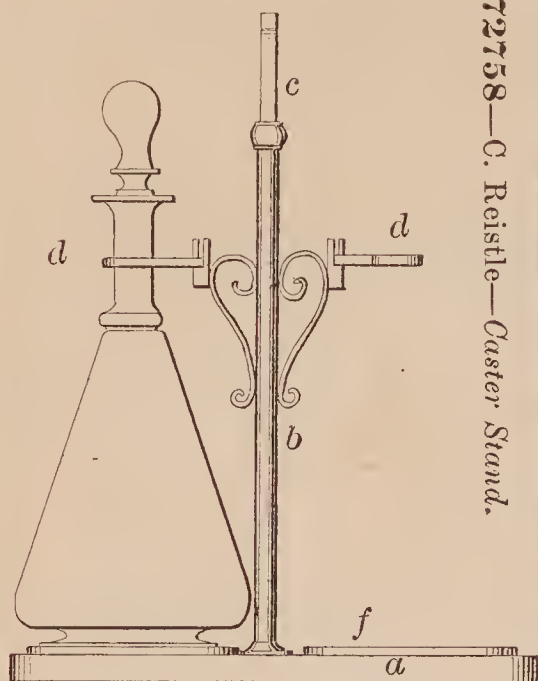
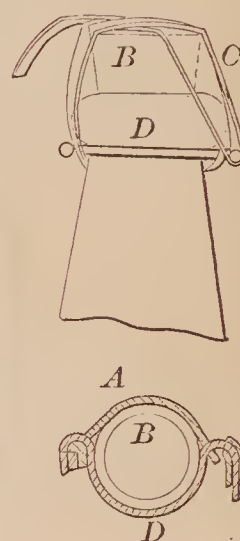
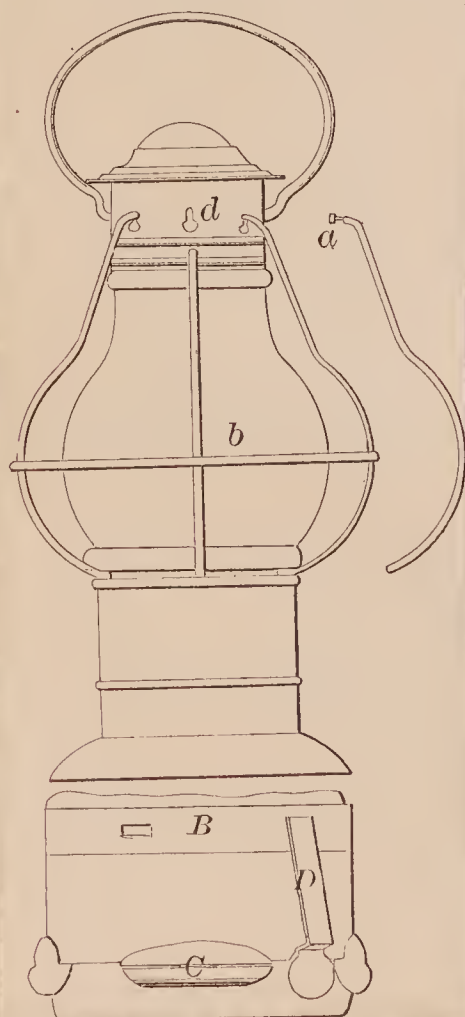
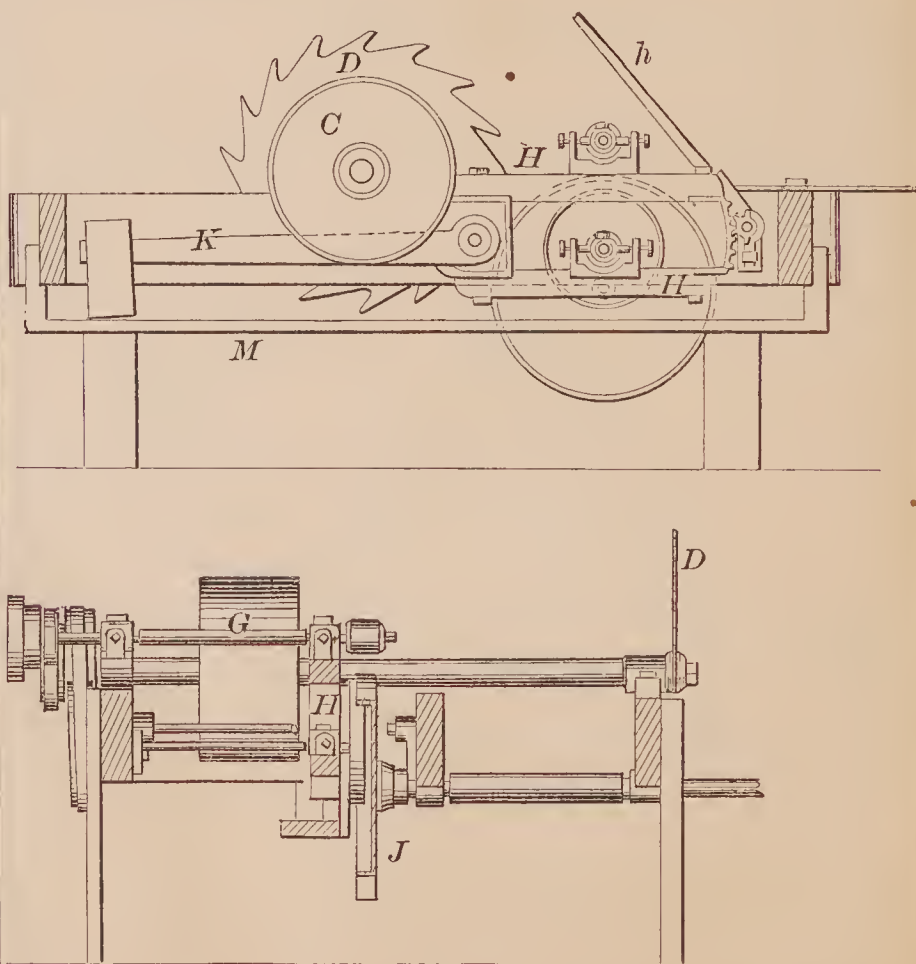


72751—P. H. Niles—Sewing Guide.

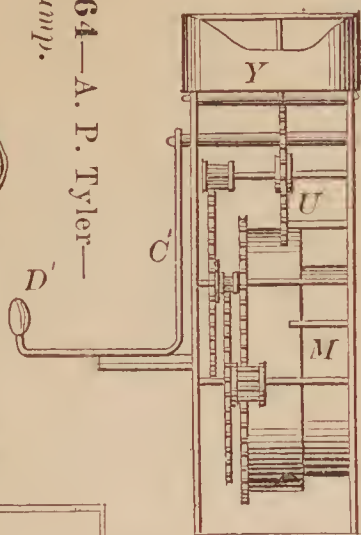
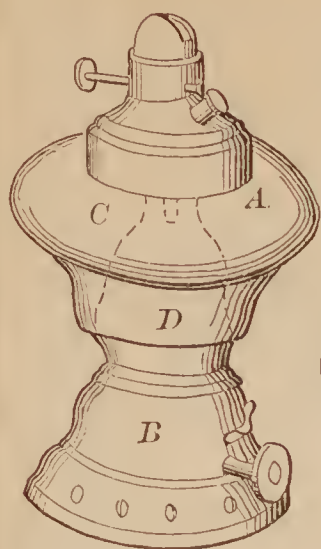


72756—T. E. Platt—Harvester.

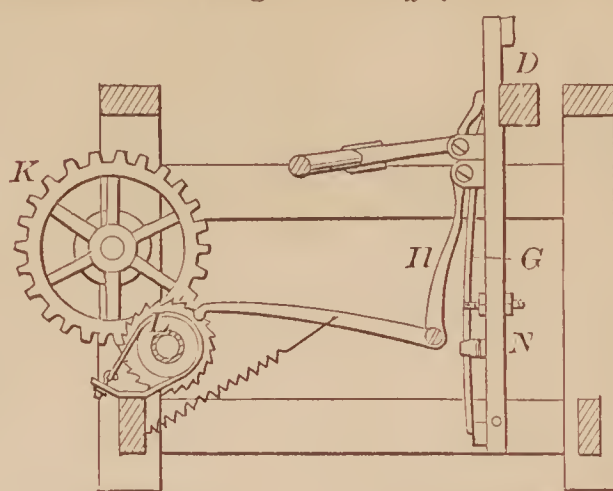


72757—A. J. Rayner—*Tobacco Cutter.*72760—H. Steeger—*Hot Water Boiler.*72762—C. Taft—*Shingle Carriage.*72758—C. Reistle—*Caster Stand.*72761—R. S. Stubbs—*Bottle Stopper Fastening.*72759—J. O. Smith—*Lantern.*72763—J. Todd—*Circular Saw Mill.*

72764—A. P. Tyler—
Lamp.



72769—E. Wright—*Let-off for Looms.*



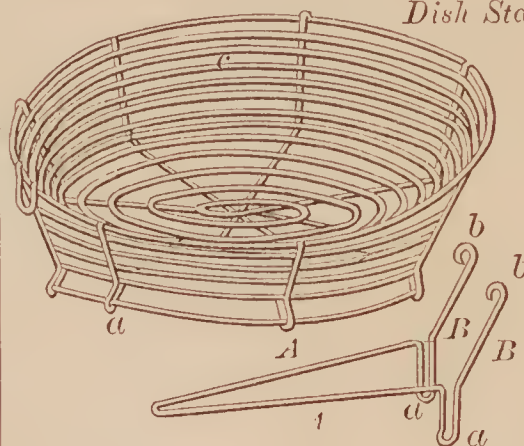
72766—F. Washburne—
Saw Frame Bolt.



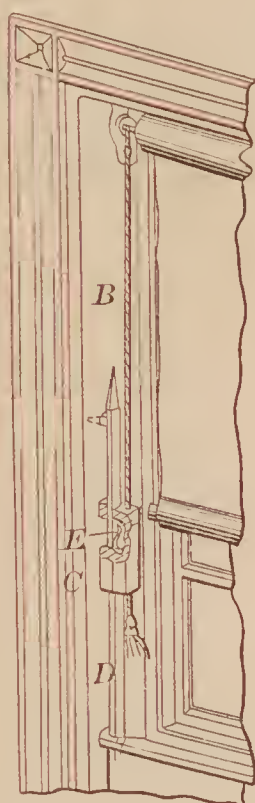
72765—E. N. Violet—
Window Sash Supporter.



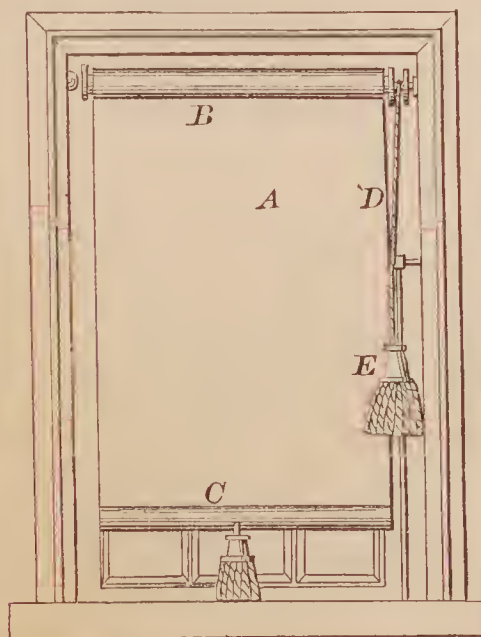
72770—Woods & Sherwood—*Wire Dish Stand.*



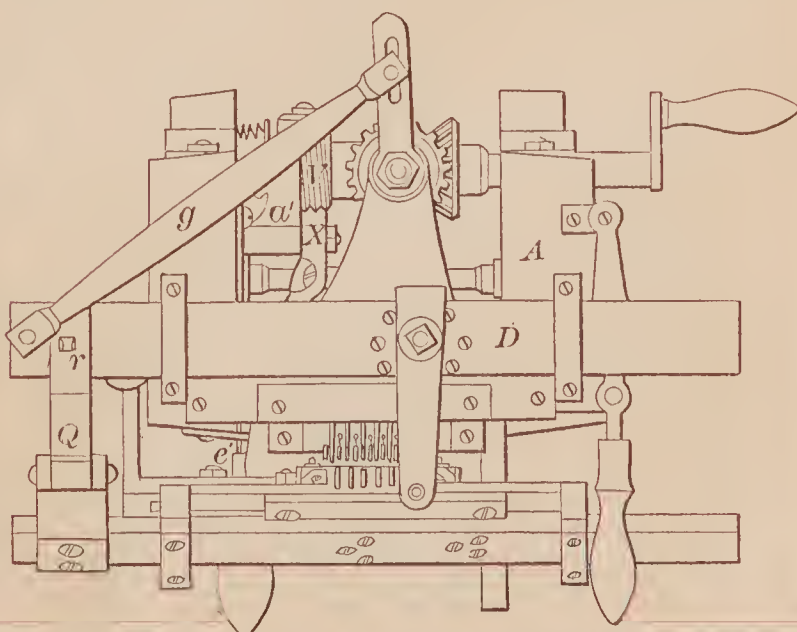
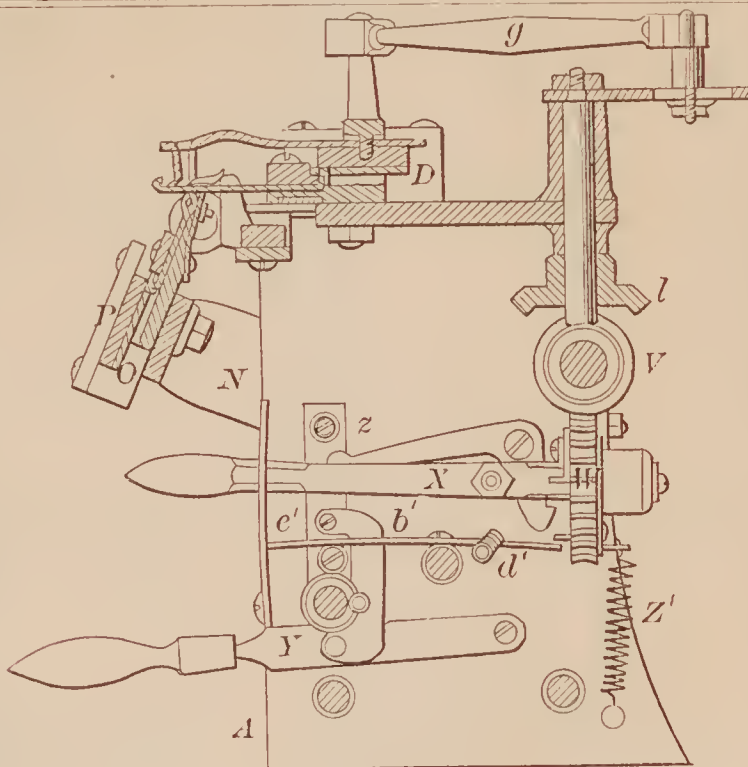
72767—Wocher & Geiger—*Curtain Fixture.*

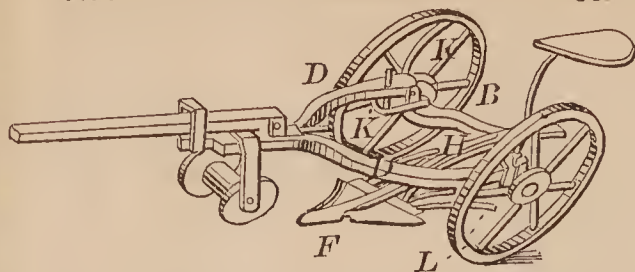
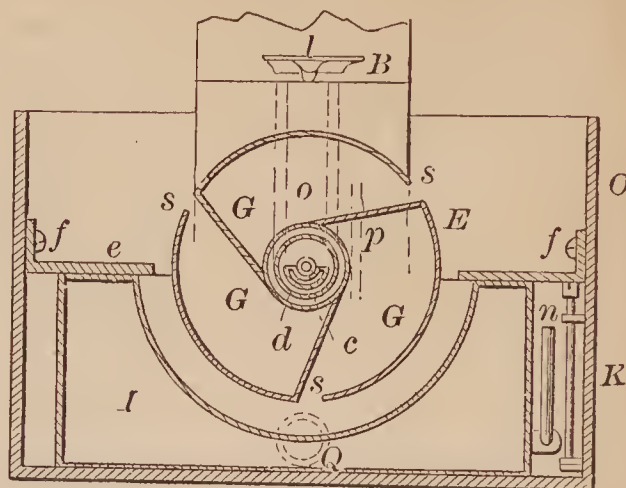
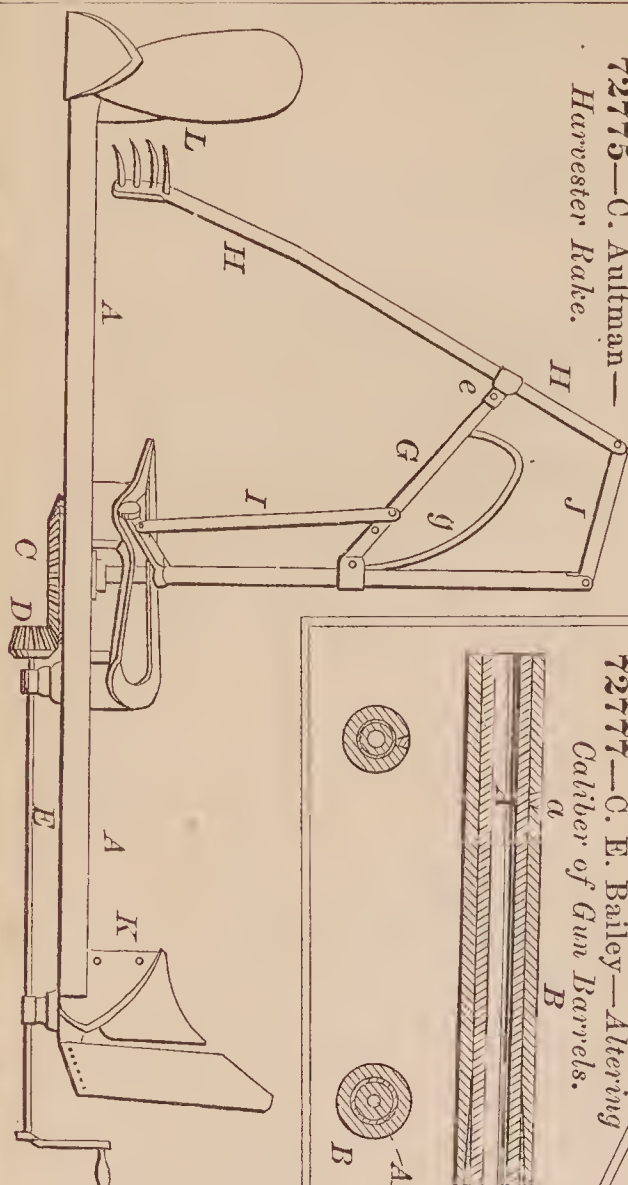
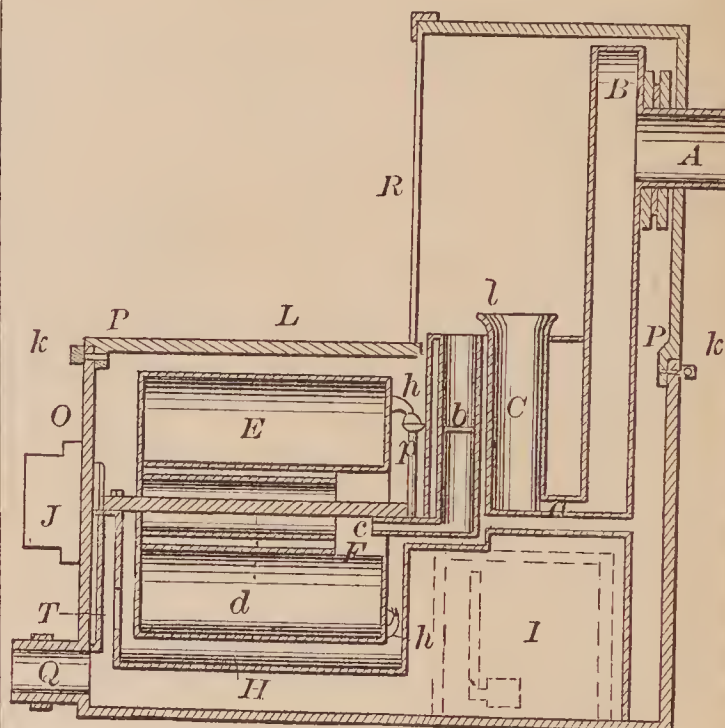
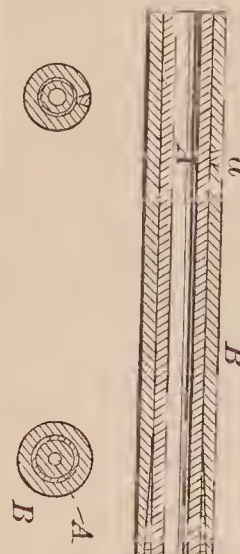
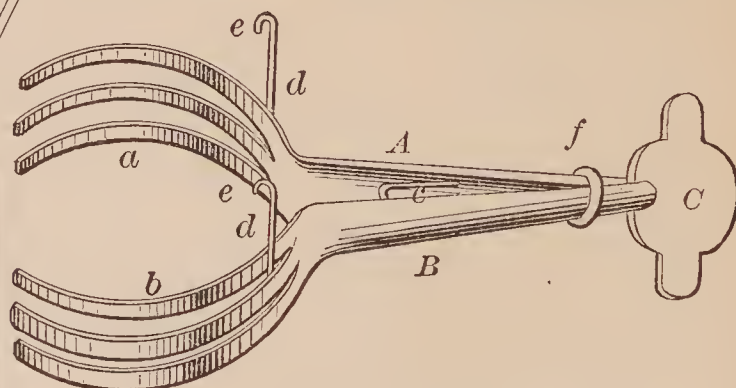
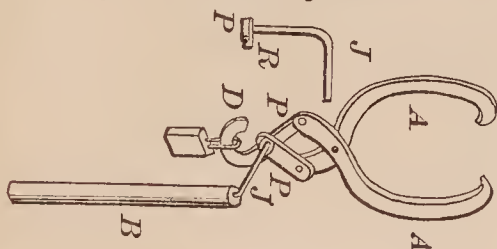
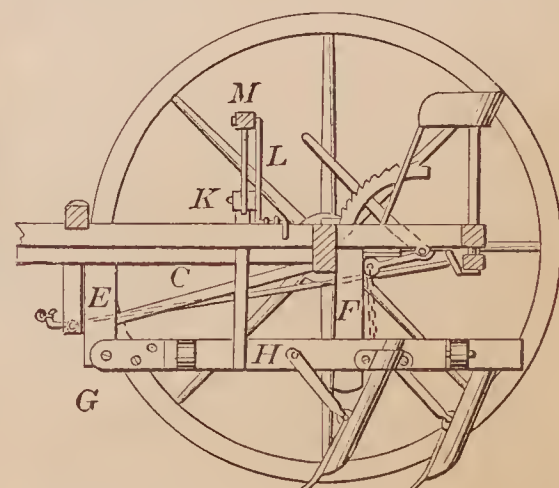
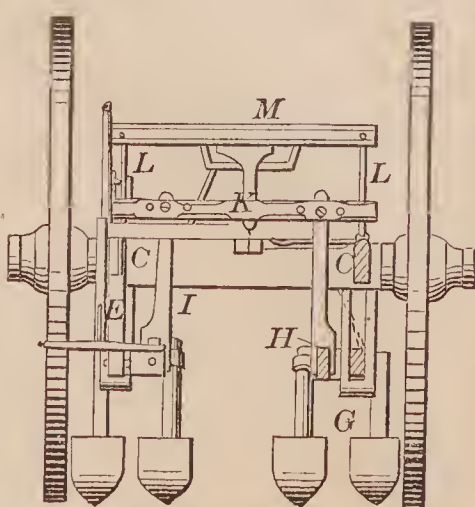
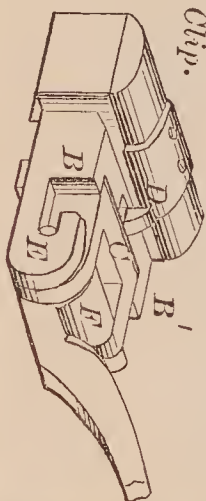


72768—Wocher & Geiger—
Curtain Fixture.

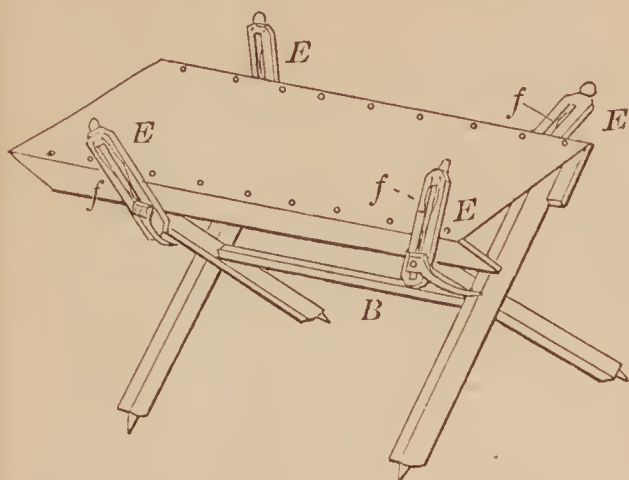


72771—W. Aikin—*Knitting Machine.*

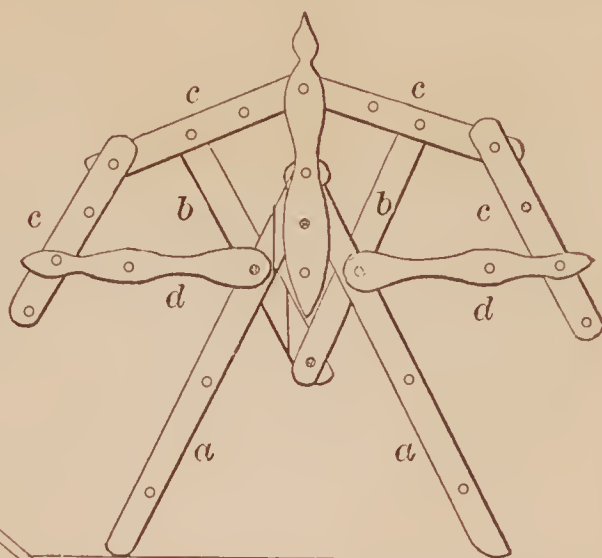


72773—P. Antonidus—*Potato Digger.*72774—M. Augenstein—*Spirit Meter.*72775—C. Aultman—*Harvester Rake.*72777—C. E. Bailey—*Altering Caliber of Gun Barrels.*72776—B. H. Badger—*For Holding Glass.*72778—D. B. Baker—*Clutch for Horse Hay Rakes.*72780—J. T. Baltimore—*Cultivator.*72779—L. G. M. Baker—*Carriage Clip.*

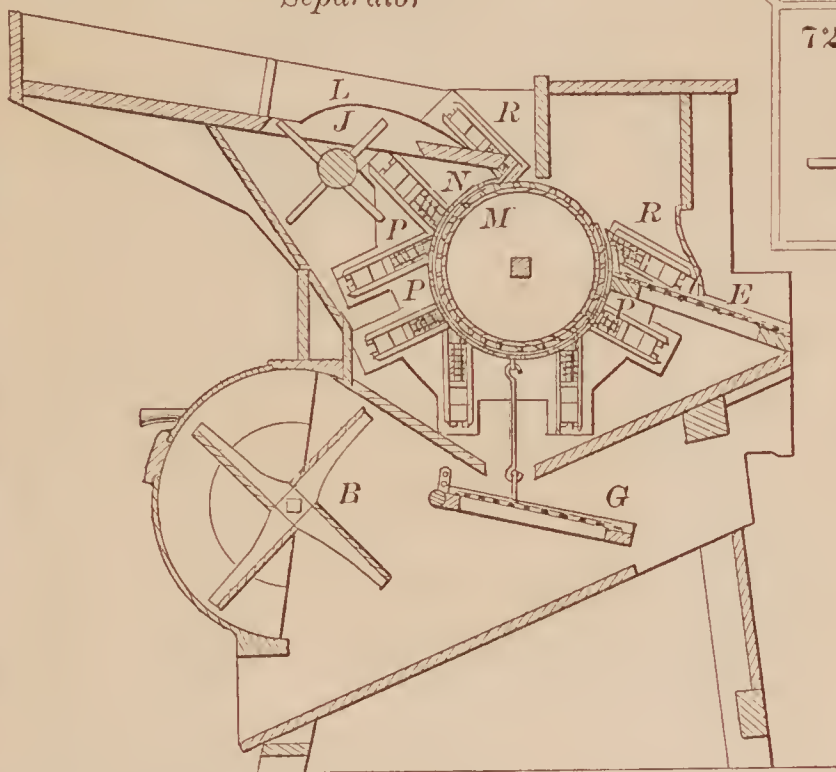
72781—H. Barr—*Sheep Shearing Table.*



72782—C. B. Bennett—*Clothes Dryer.*



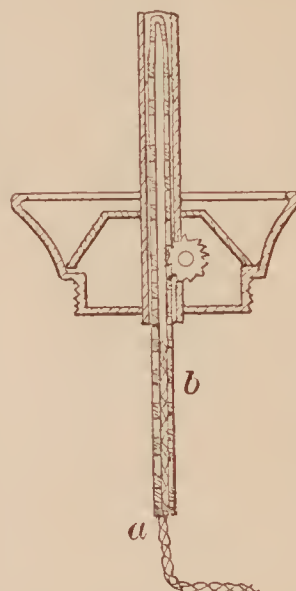
72783—J. Bernheisel, Sr.—*Corn Sheller and Separator.*



72784—Bisbee & Hearn—*Hasp and Hook.*



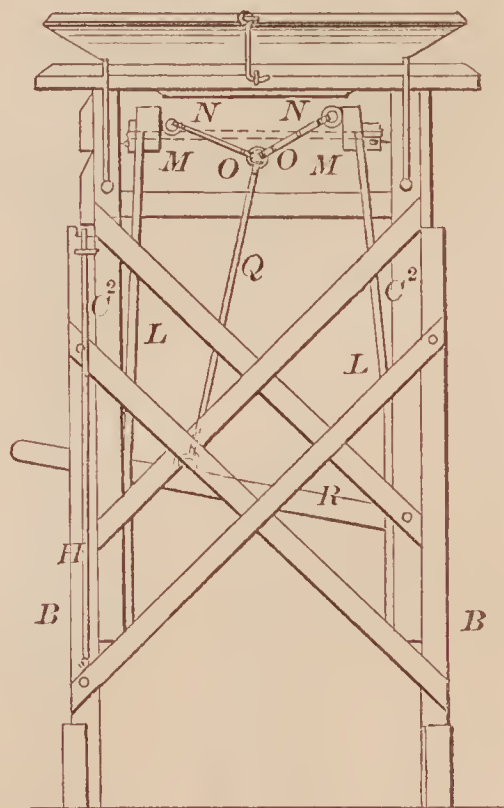
72785—F. A. Blaetterlein—*For Drawing Wicks through Burners.*



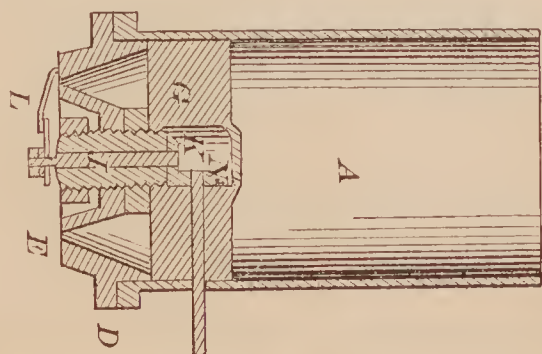
72786—Blakeslee & Smith—*Burglar Alarm.*

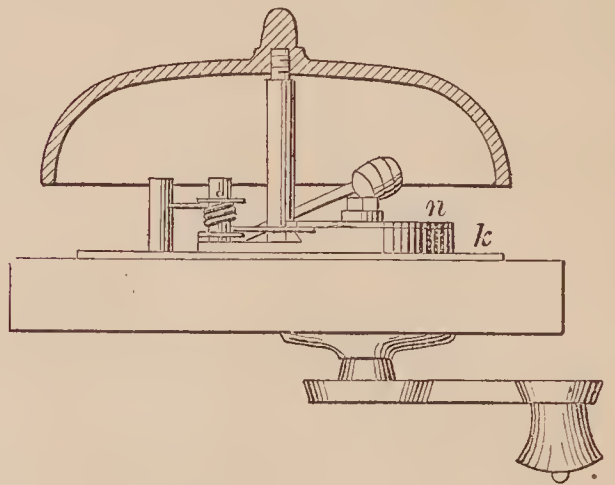
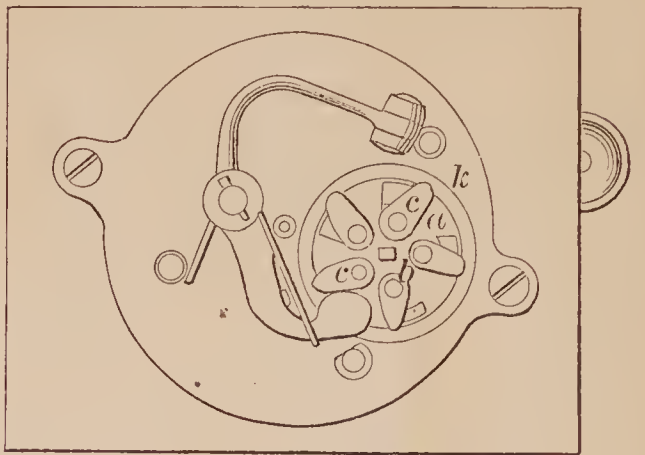
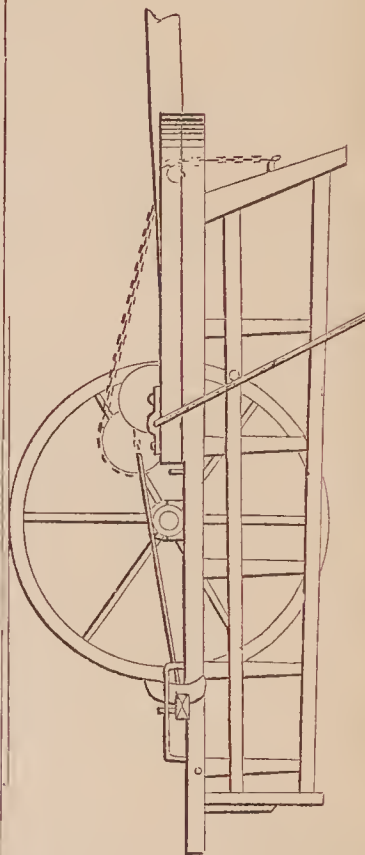
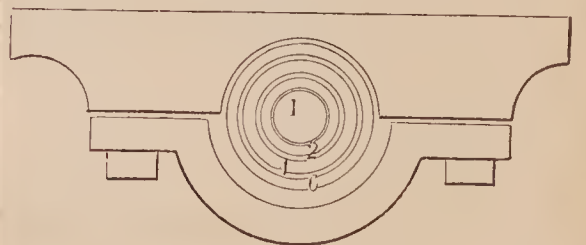
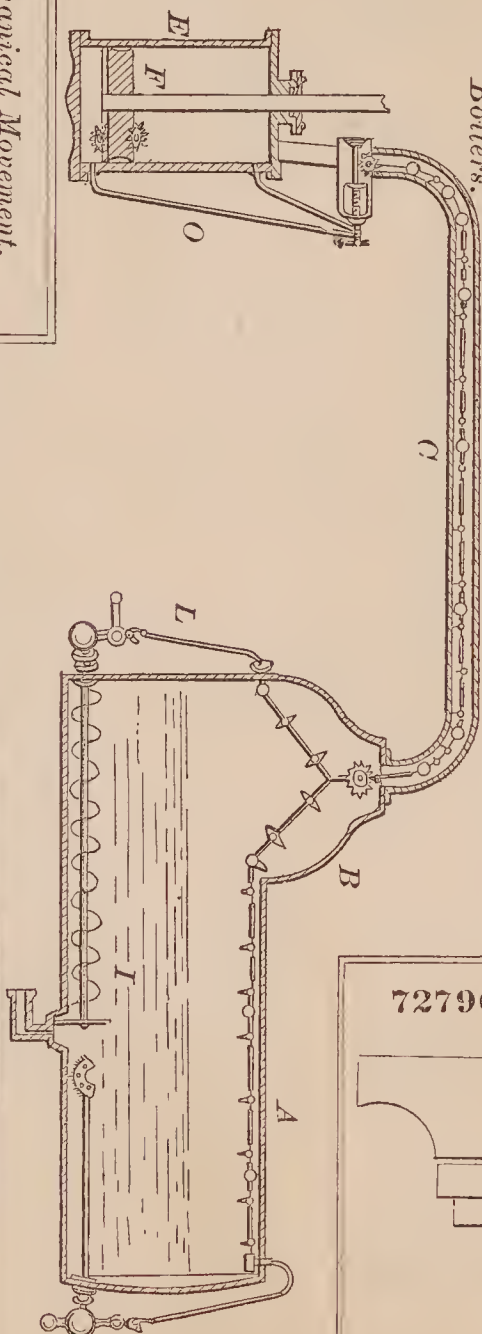
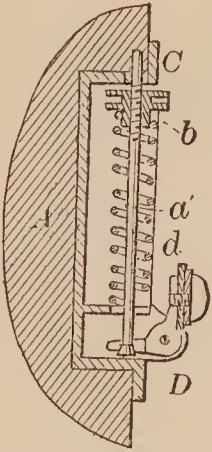
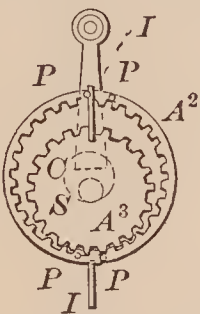
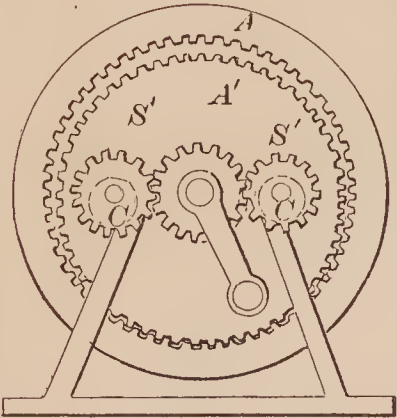
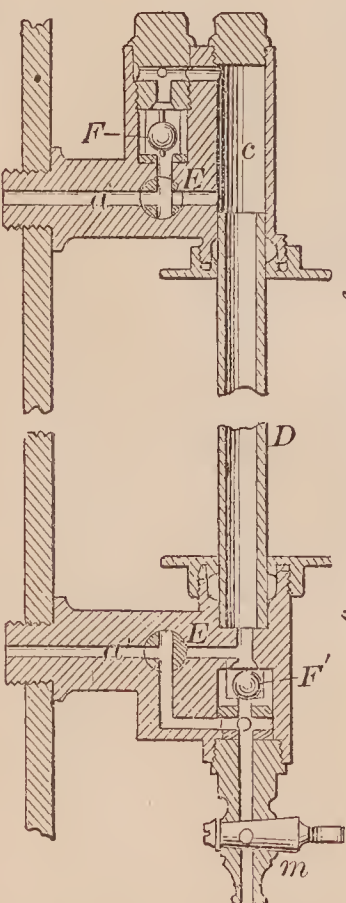


72788—C. D. Brainerd—*Bag Holder.*

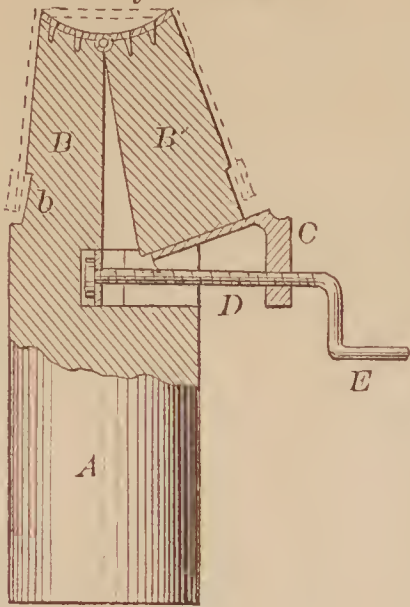


72787—J. Blank—*Sewer Pipe Machine.*

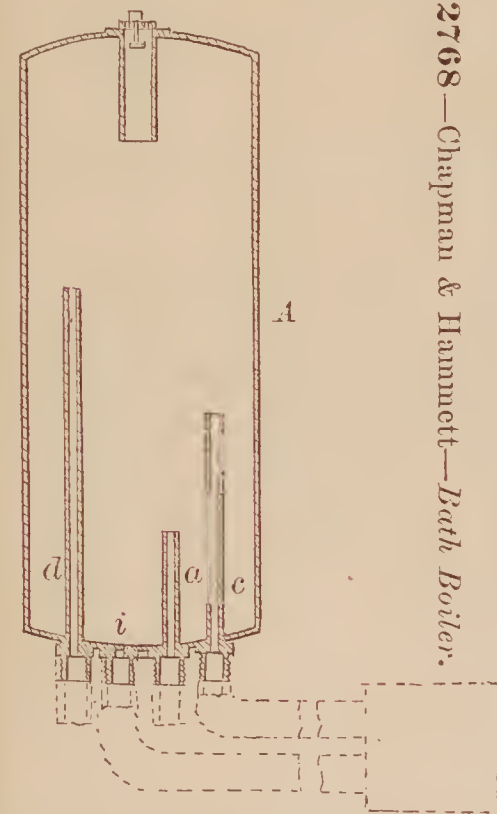
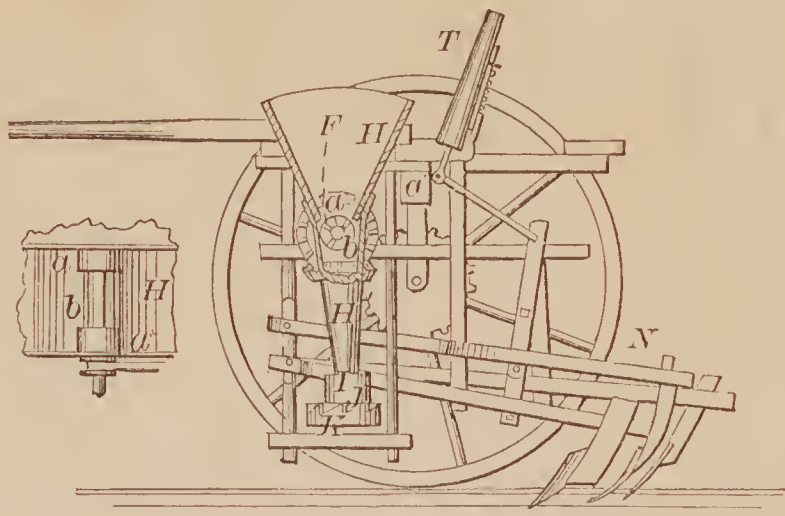


72791—A. T. Brooks—*Door Bell*.72795—J. W. Cahoon—*Cart*.72796—J. H. Carkeet—*Axle and Journal Box*.72794—S. G. Cabell—*Preventing Incrustation of Steam Boilers*.72790—G. B. Brayton—*Making Eyelets*.72789—A. F. H. Braun—*Truss*.72792—A. W. Browne—*Mechanical Movement*.72793—N. H. Bundy—*Boiler Water Gauge*.

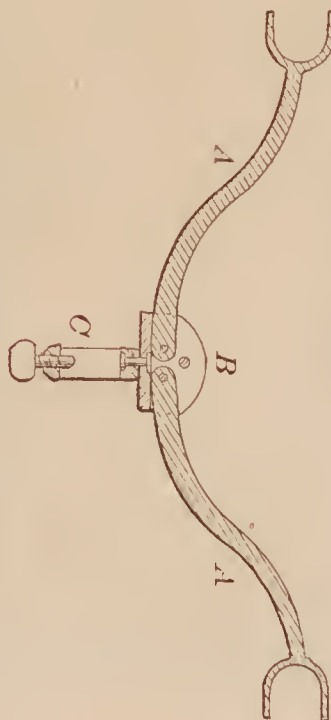
72797—H. Carpenter—*Form Block for Baskets.*



72799—C. Churchill—*Cultivator and Seeding Machine.*

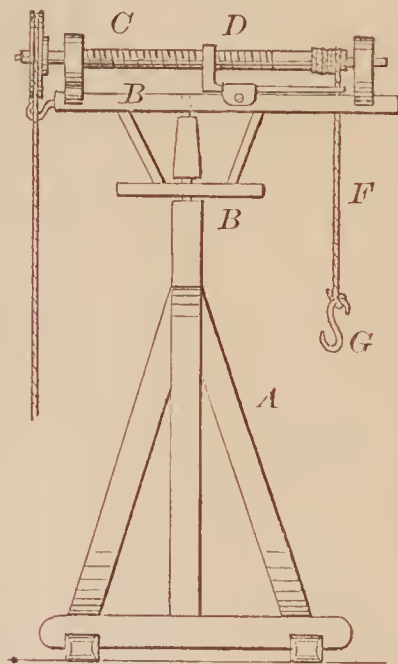


72768—Chapman & Hammett—*Bath Boiler.*

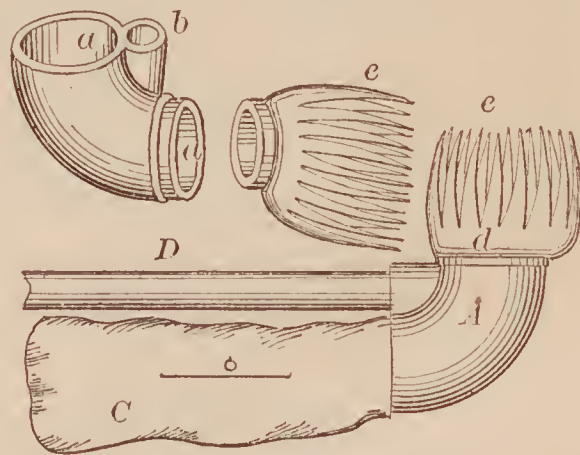


72800—E. M. Coffin—*Swifts.*

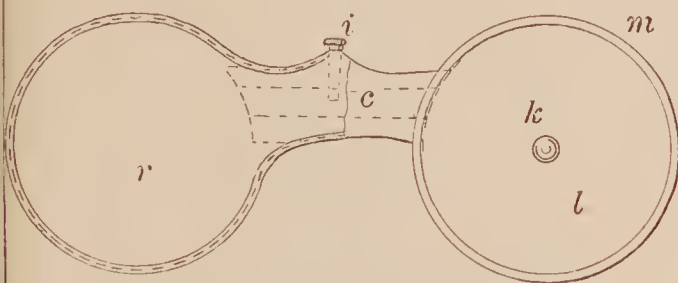
72801—J. S. Coffman—*Rotary Crane.*



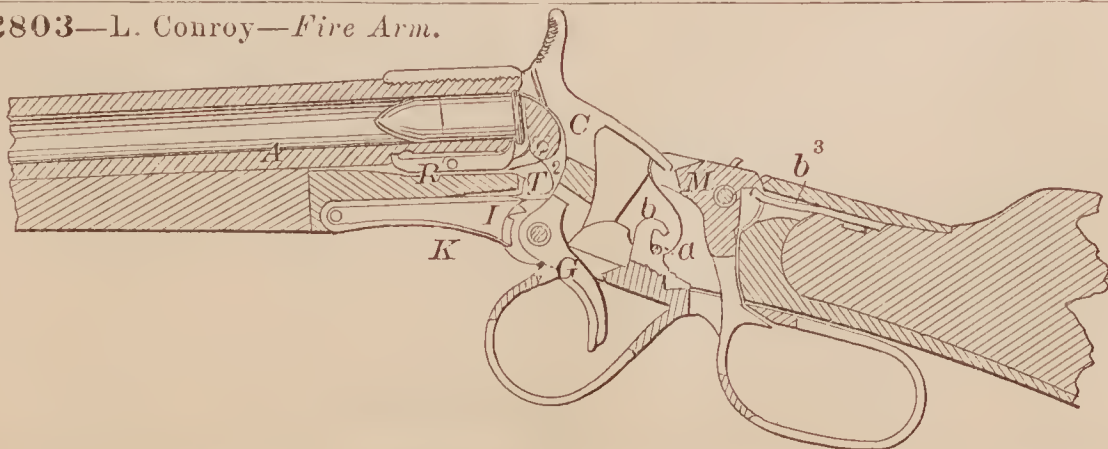
72804—P. & S. Conner—*Fruit Picker.*

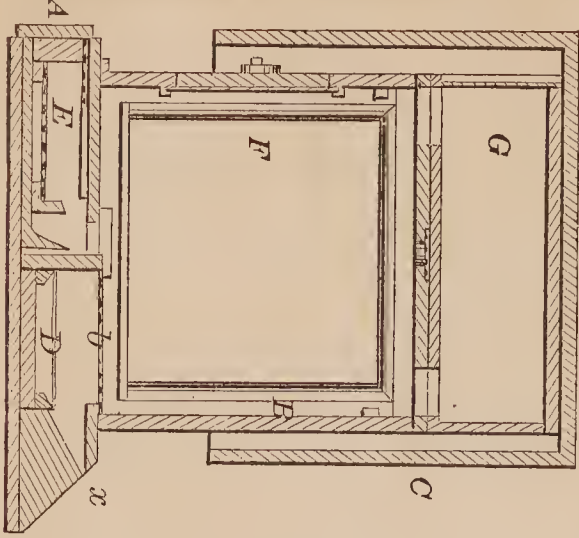
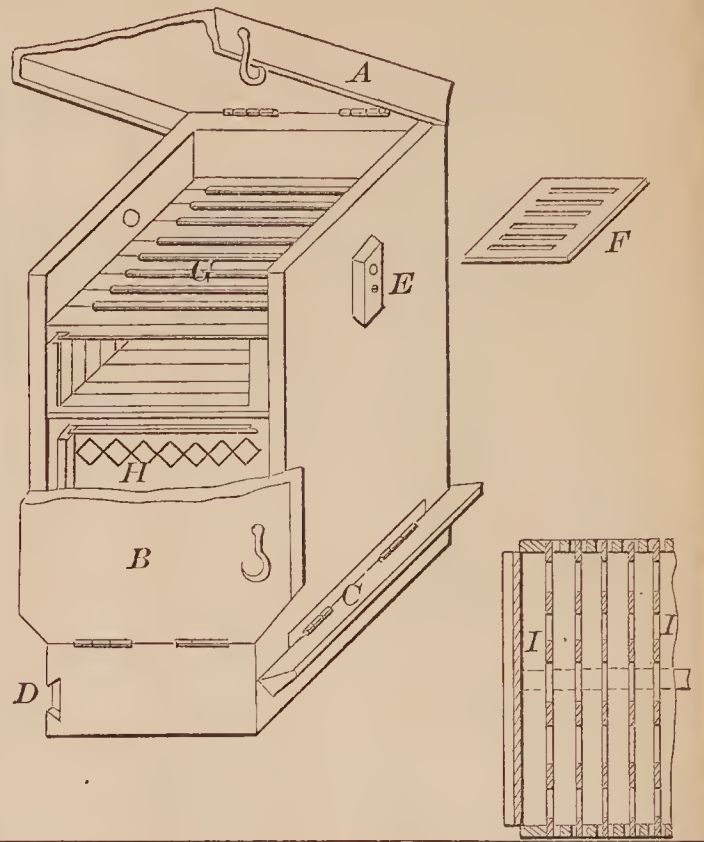
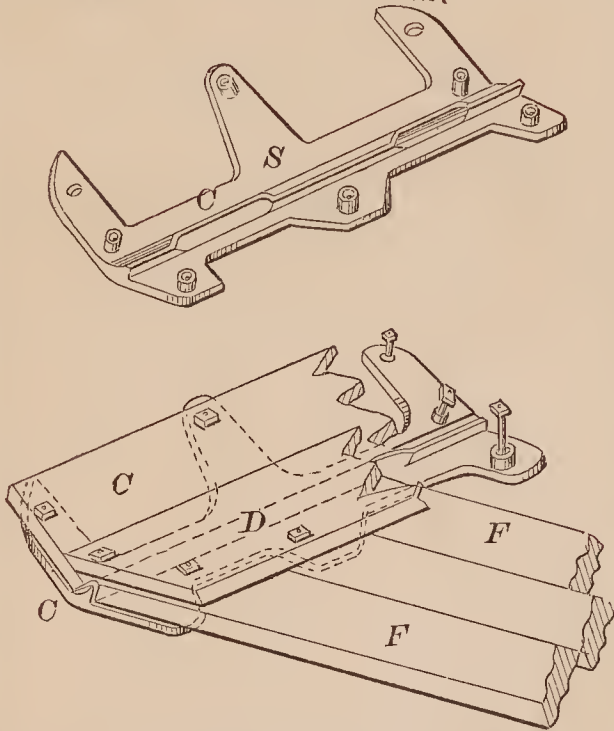
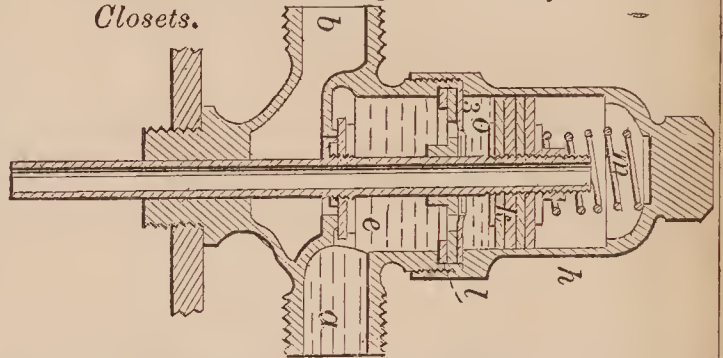
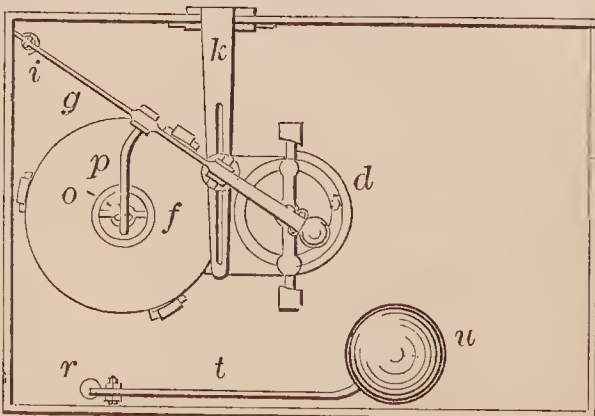
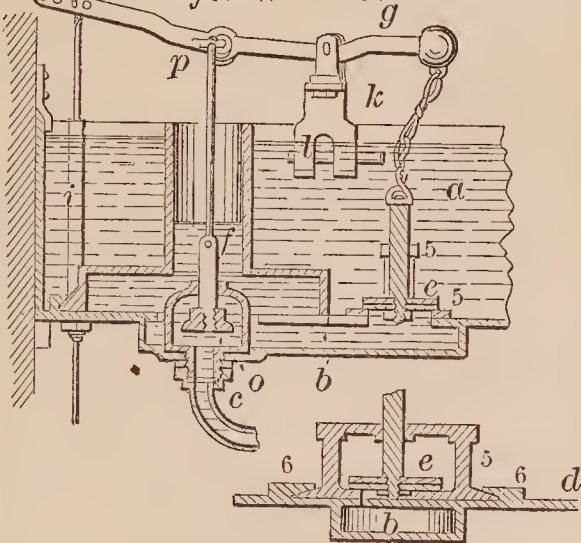
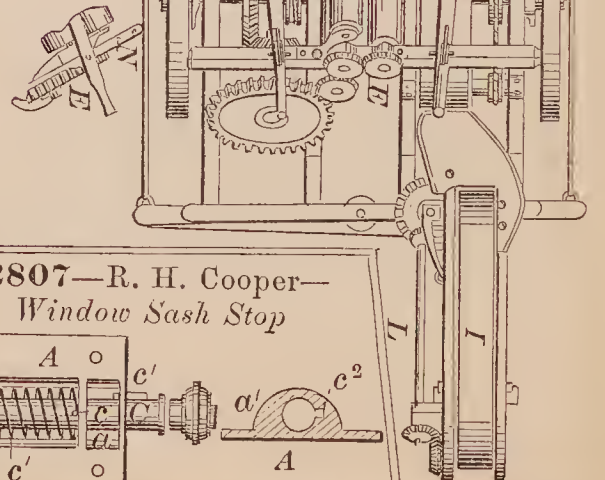
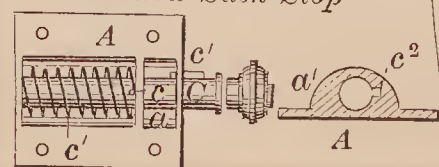


72802—R. Collins—*Breast Pad.*

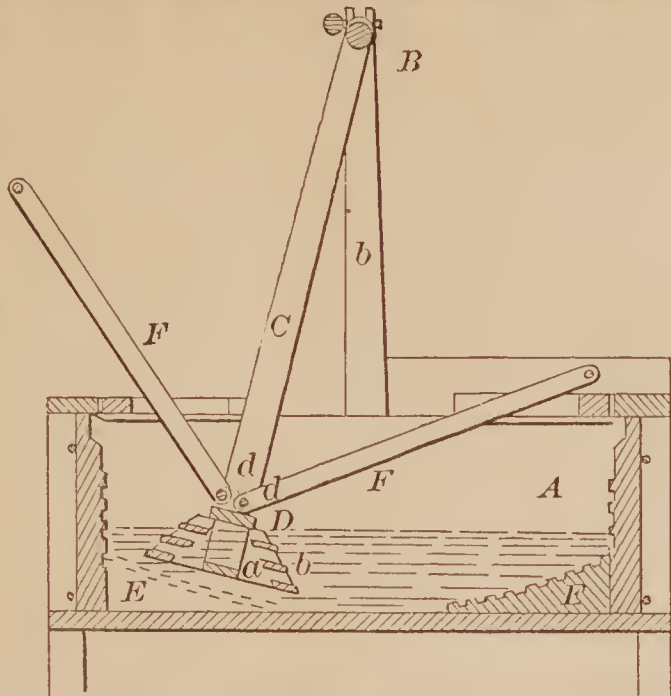


72803—L. Conroy—*Fire Arm.*

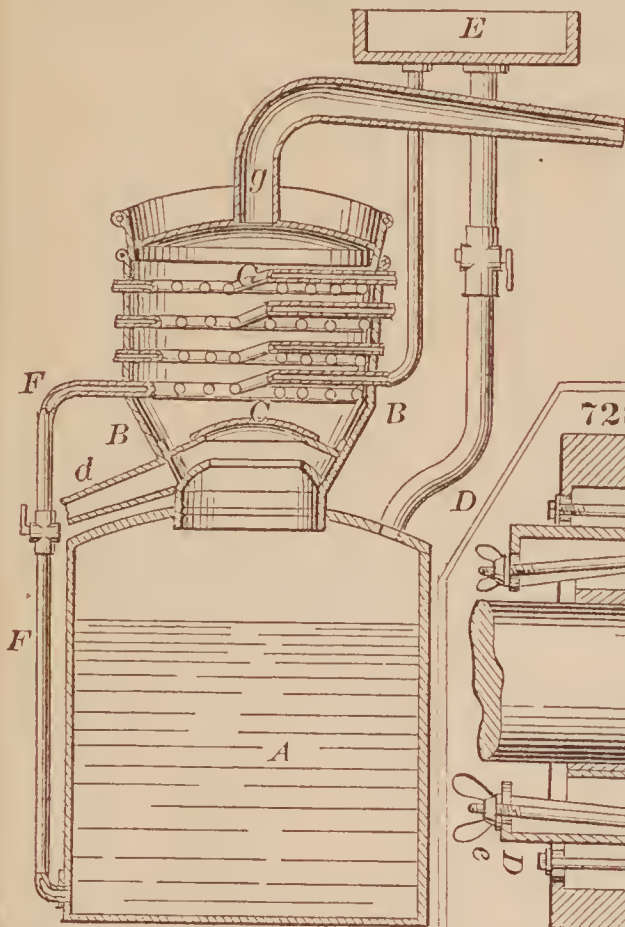


72805—G. E. Conwell—*Beehive.*72808—W. Courtney—*Beehive.*72806—T. V. Cook—*Truck.*72809—H. H. Craigie—*Valve for Water Closets.*72810—H. H. Craigie—*Water Supply for Water Closets.*72811—C. W. Crandall—*Corn Harvester.*72807—R. H. Cooper—*Window Sash Stop*

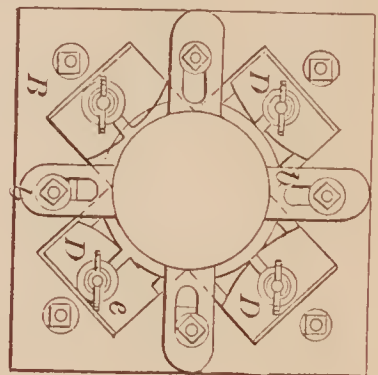
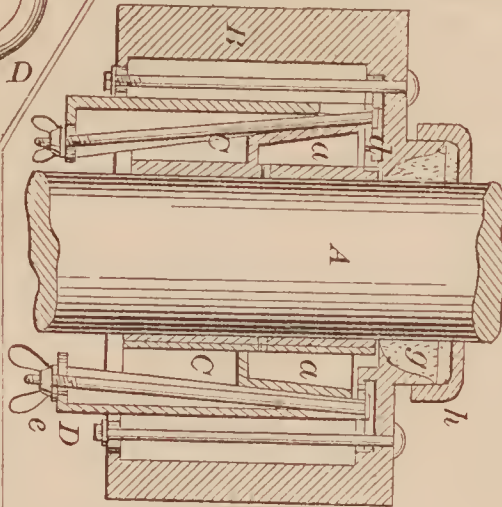
72819—E. W. Dixon—Washing Machine.



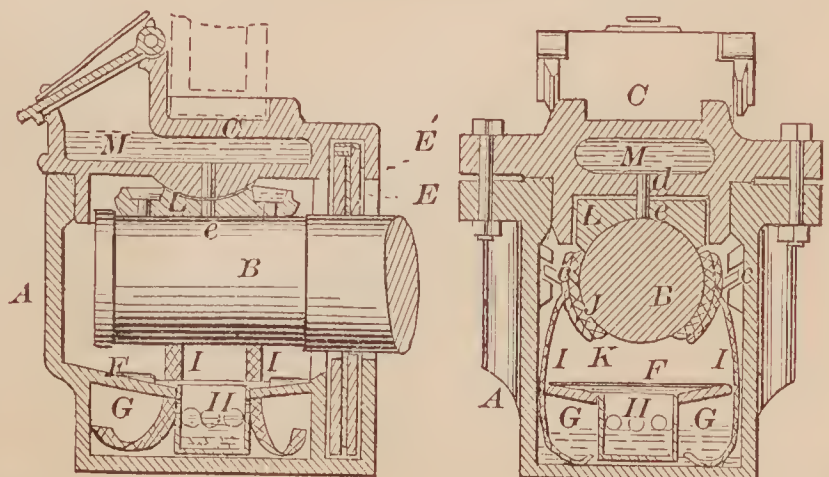
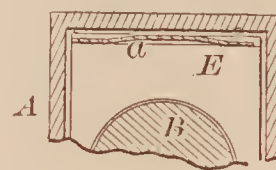
72816—H. G. Dayton—Spirit Still.



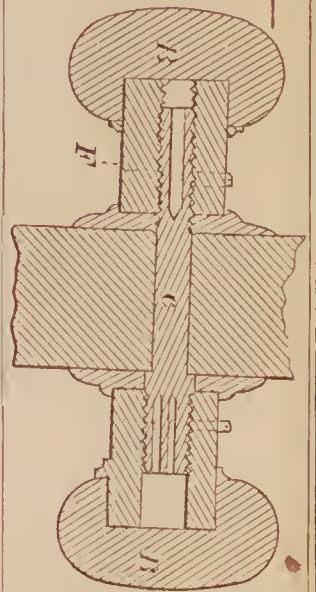
72812—C. Custer—Mill Stone Bush.



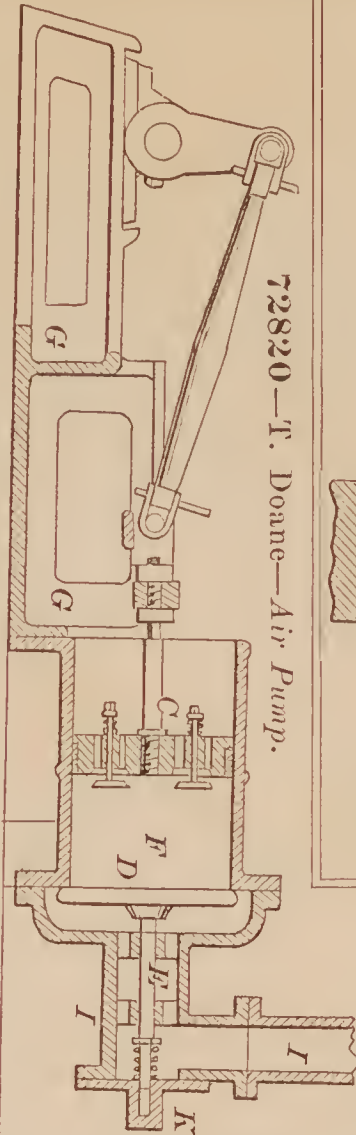
72821—L. A. Dochez—Axle Box.



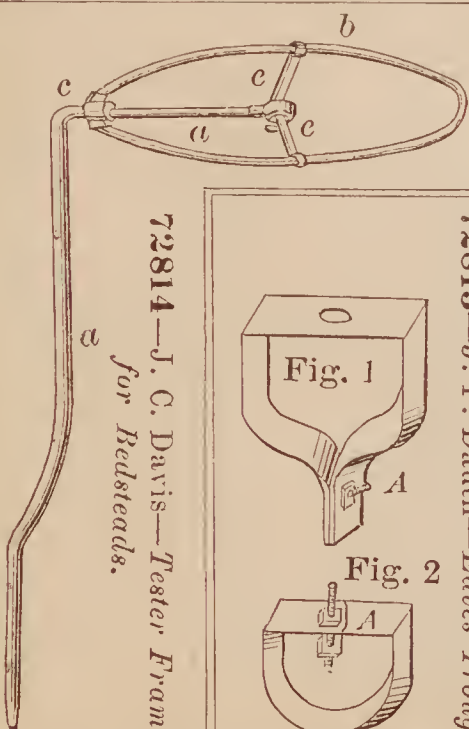
72815—A. Dawes—Spindle Knob.



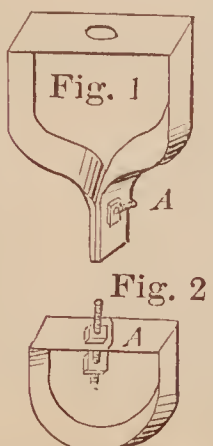
72820—T. Doane—Air Pump.

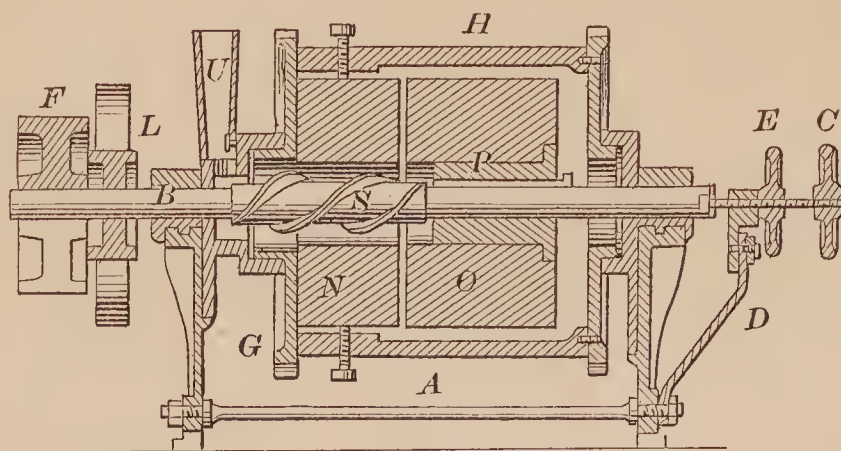
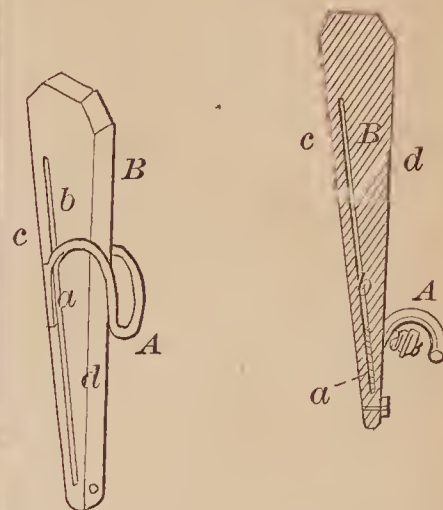
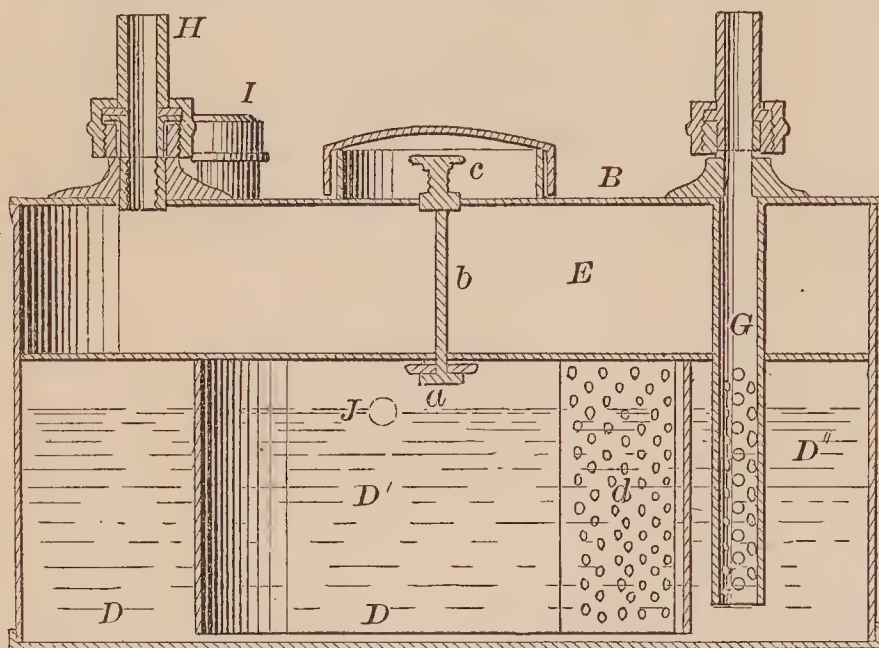
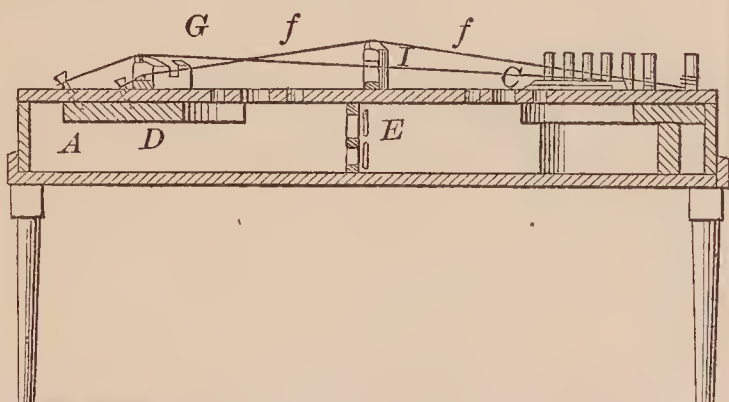
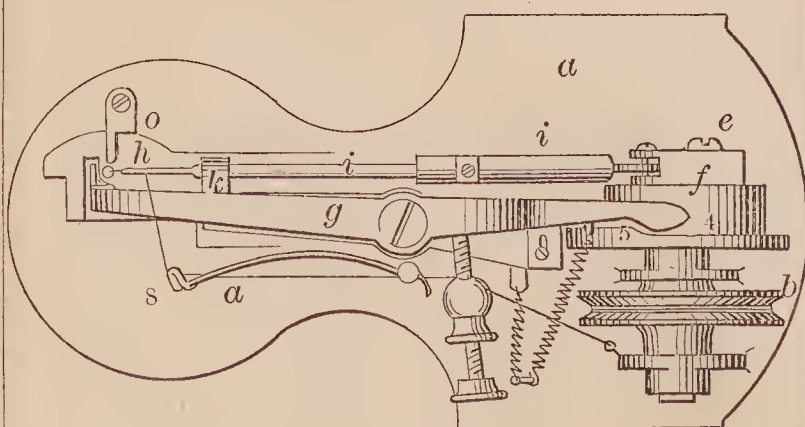
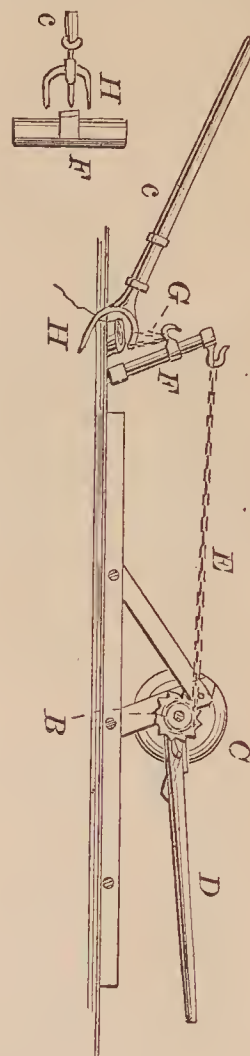
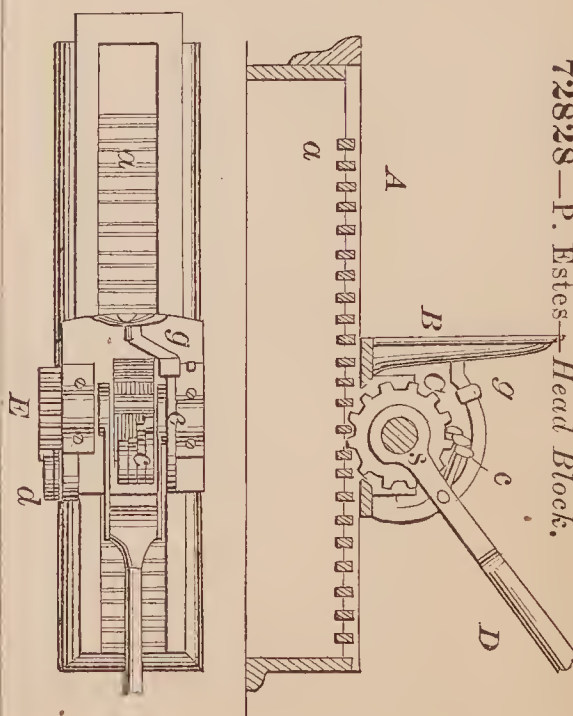


72814—J. C. Davis—Tester Frame for Bedsteads.

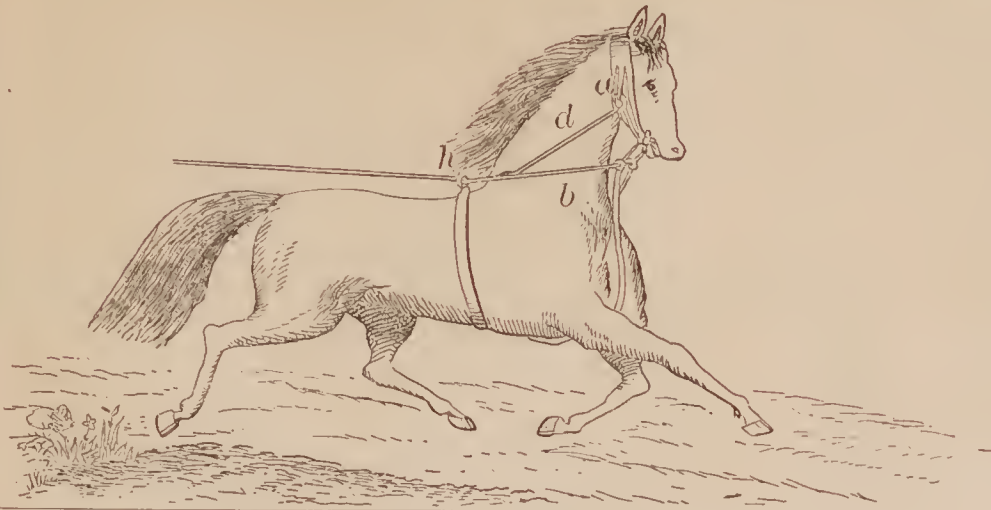


72813—J. P. Dauth—Eaves Trough.



72822—L. Dodson—*Portable Mill.*72823—W. M. Doty—*Clothes Pin.*72825—Earseman & Gray—*For Carburetting Coal Gas.*72824—E. Durand—*Dulcimer.*72829—J. Fanning—*Sewing Machine.*72826—J. Elliott—*Stump Extractor.*72828—P. Estes—*Head Block.*

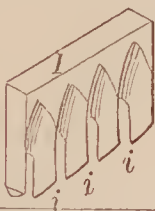
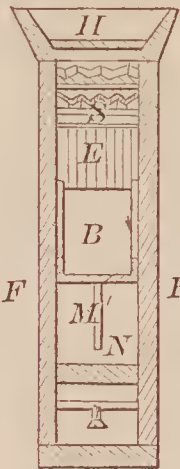
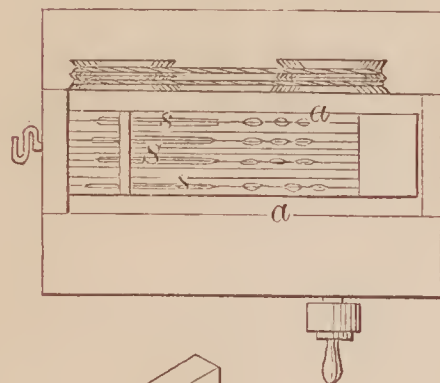
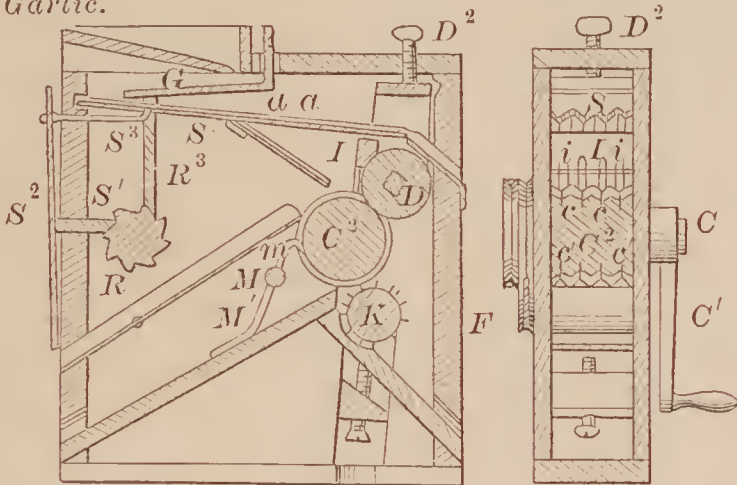
72831—E. R. Ferry—Check and Driving Rein.



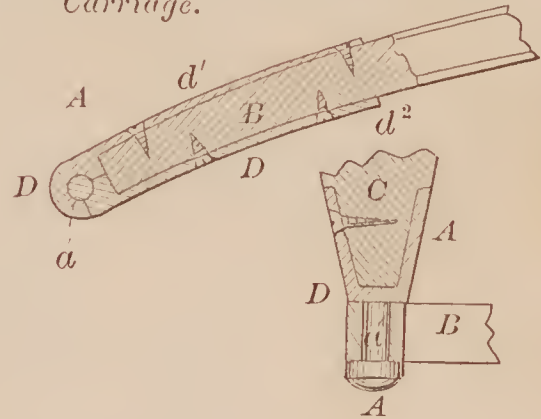
72832—C. Fillmore—Trace Buckle.



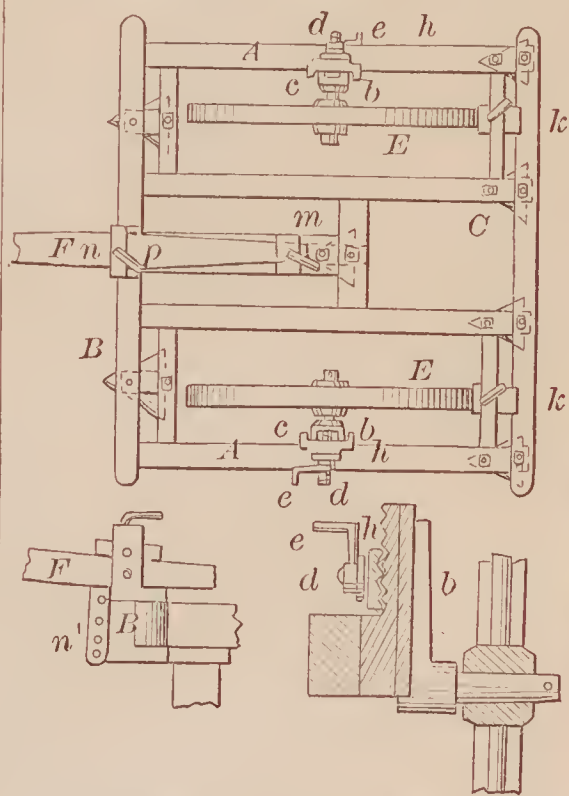
72834—S. Gantz—For Separating Wheat from Garlic.



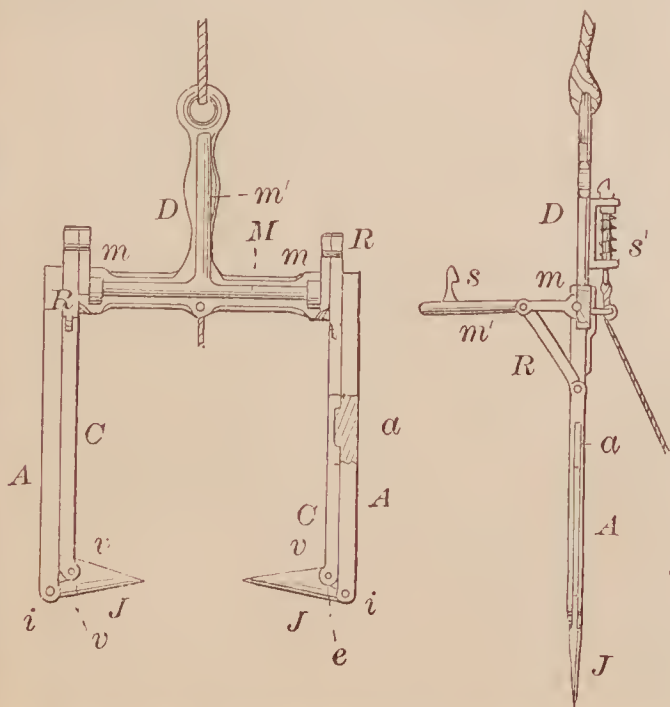
72833—A. D. Fowler—Children's Carriage.



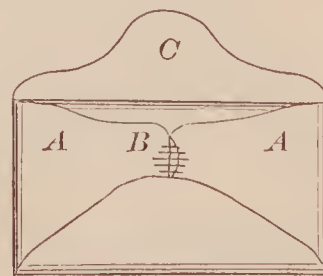
72835—R. Garter—Cultivator.



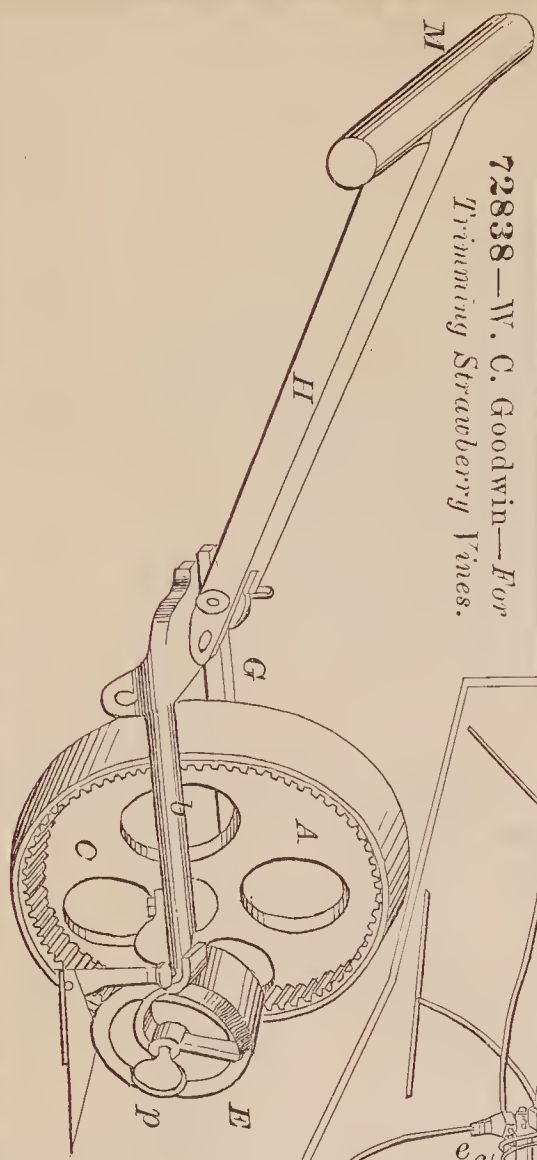
72837—J. Gilmore—Horse Hay Fork.



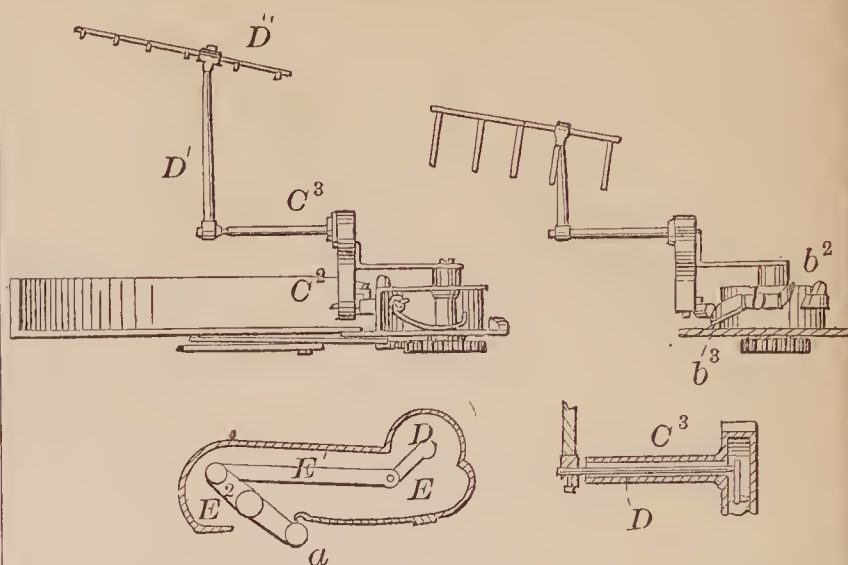
72836—J. C. Gaston—Envelope.



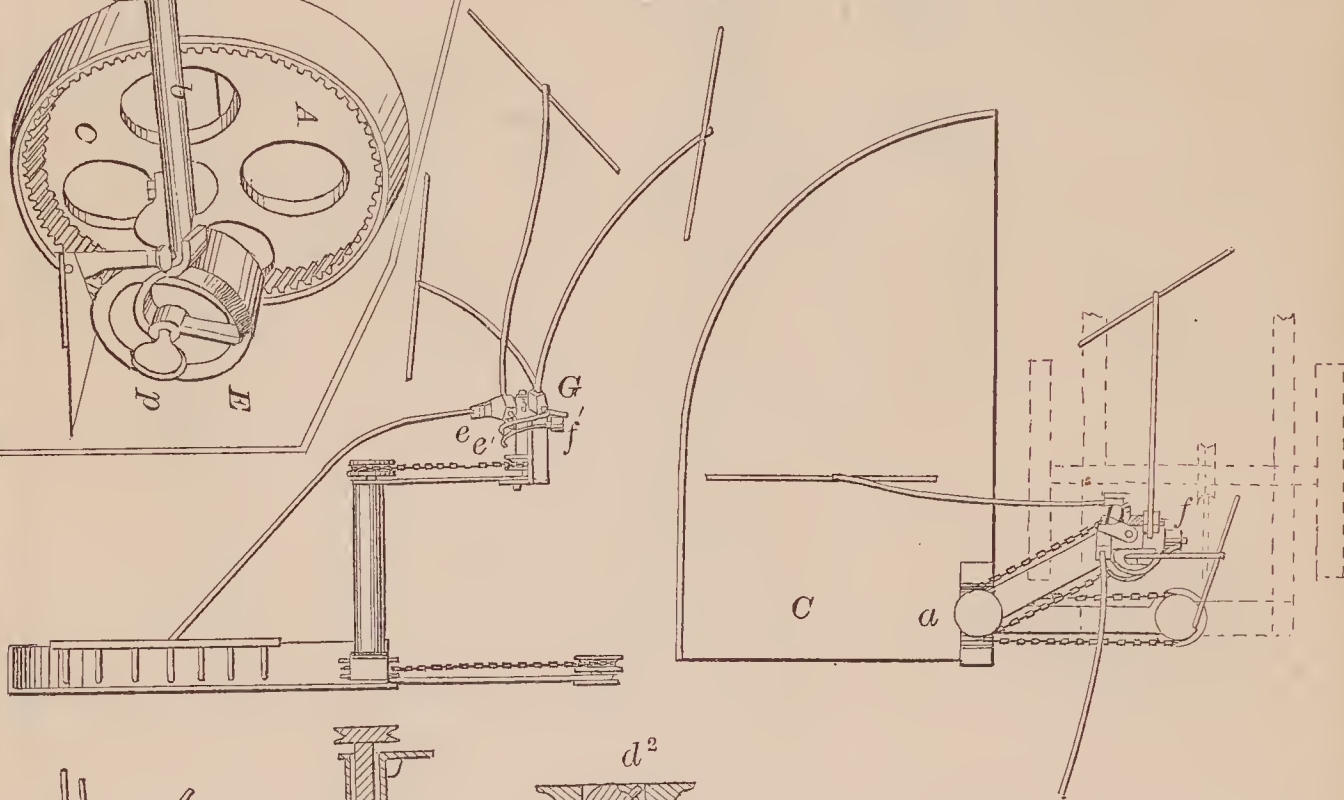
72838—W. F. Goodwin—For
Trimming Strawberry Vines.



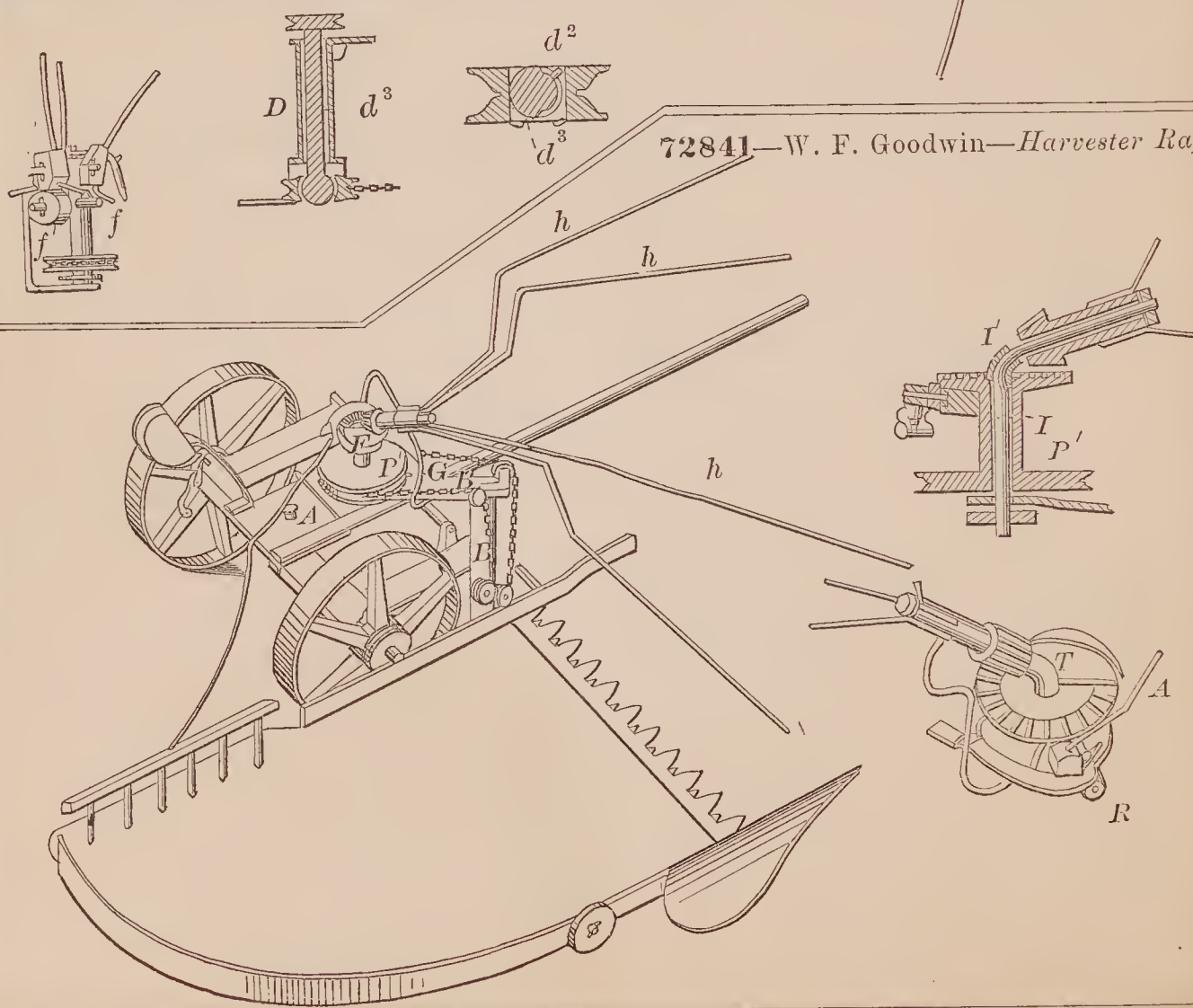
72840—W. F. Goodwin—Harvester Rake.



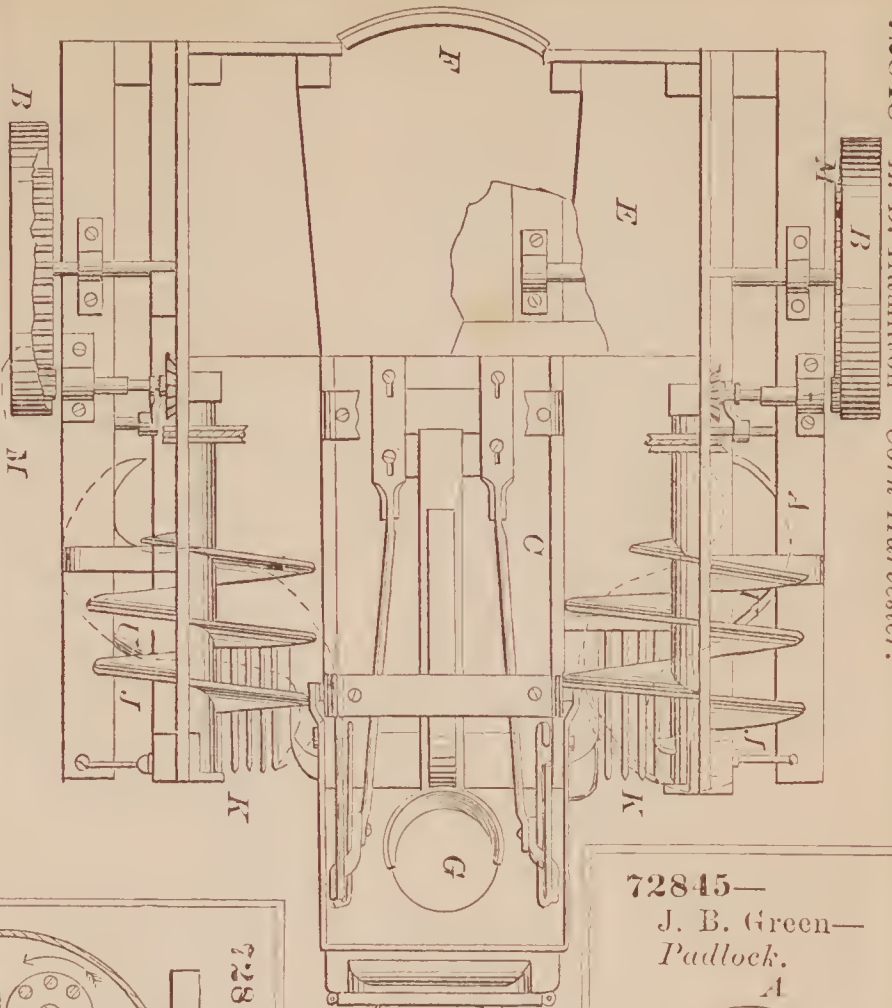
72839—W. F. Goodwin—Harvester Rake.



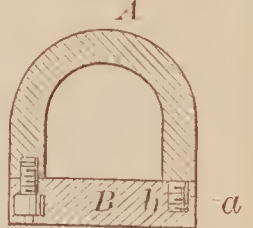
72841—W. F. Goodwin—Harvester Rake.



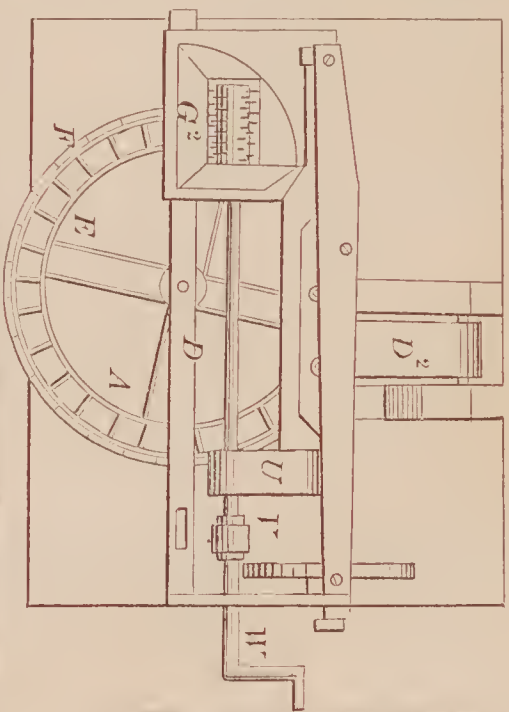
72818--J. B. Hamilton--*Corn Harvester.*



72845--
J. B. Green--
Padlock.



72817--E. Hall--*Peat and Brick Machine.*



72846--R. K. Gwathmey--*Cotton Ginning Machine.*

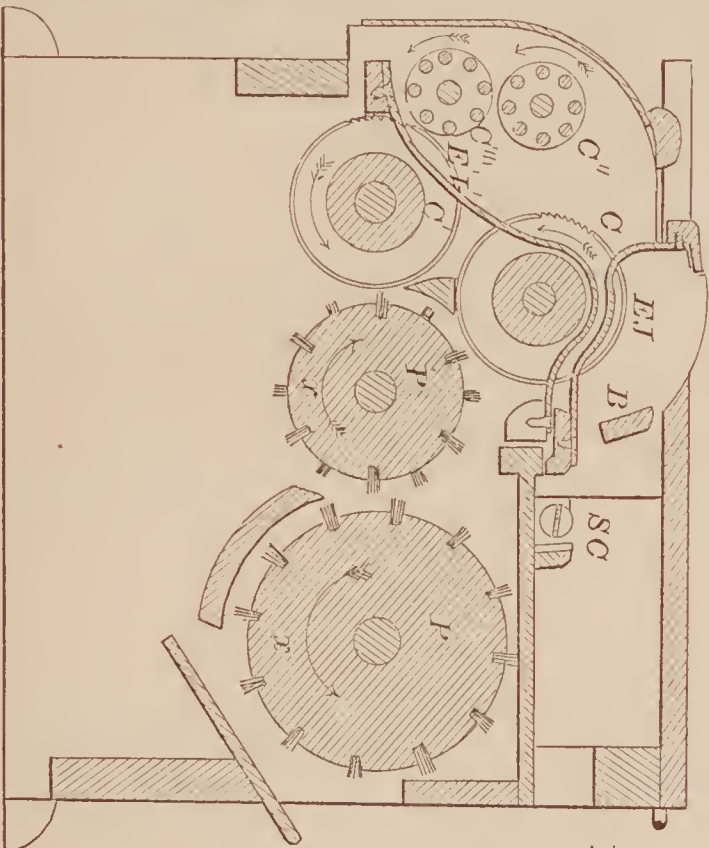


Fig. 1

72812--W. F. Goodwin--*Mechanical Movement.*

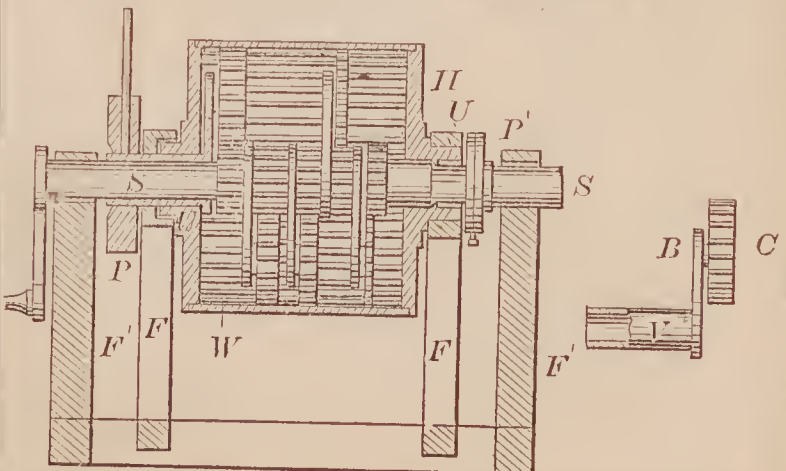
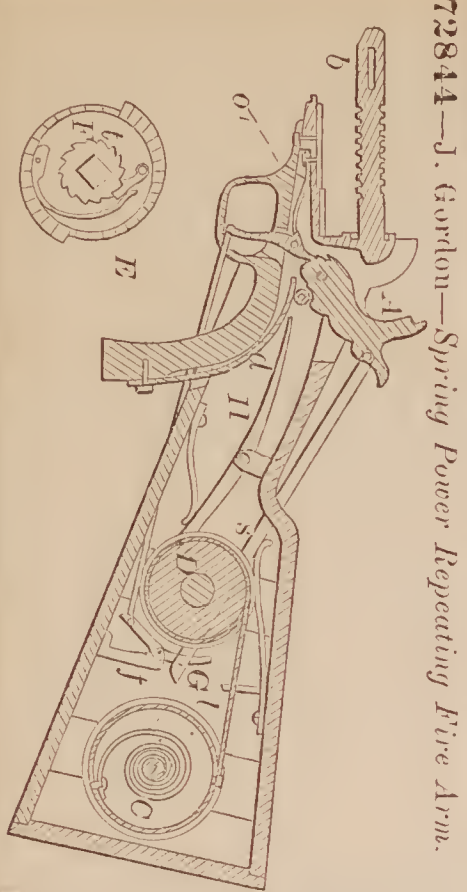
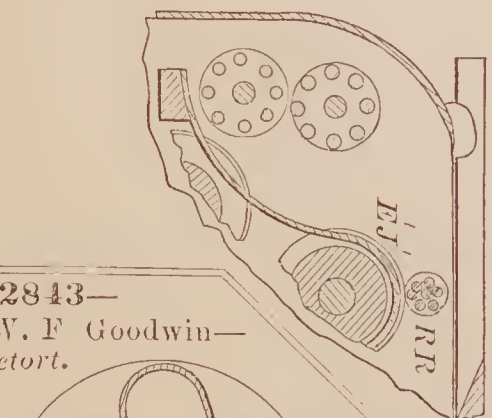


Fig. 3

72843--
W. F. Goodwin--
Retort.



72844--J. Gordon--*Spring Power Repeating Fire Arm.*

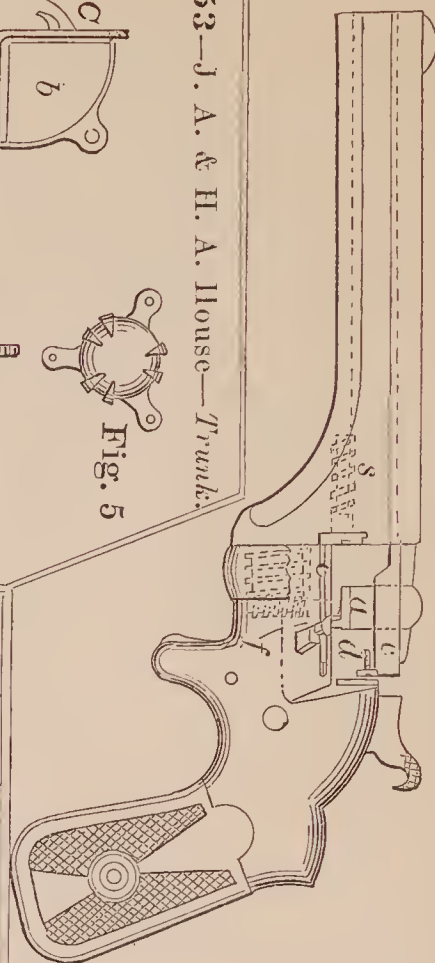
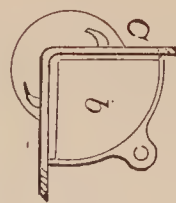
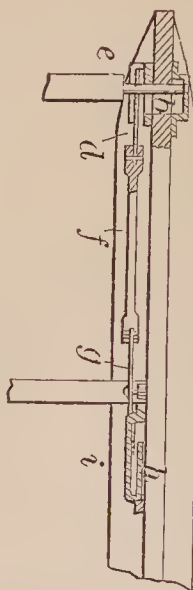
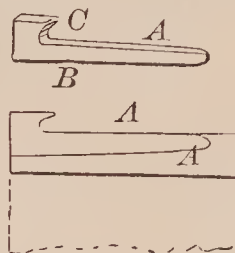
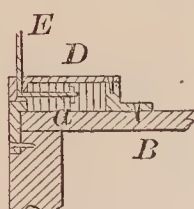
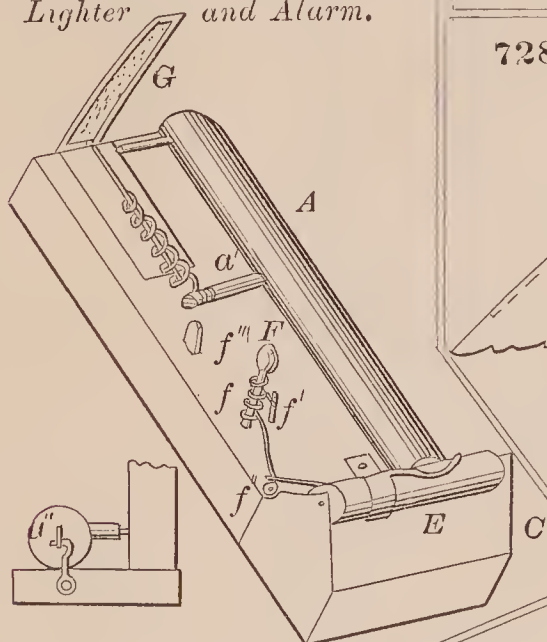
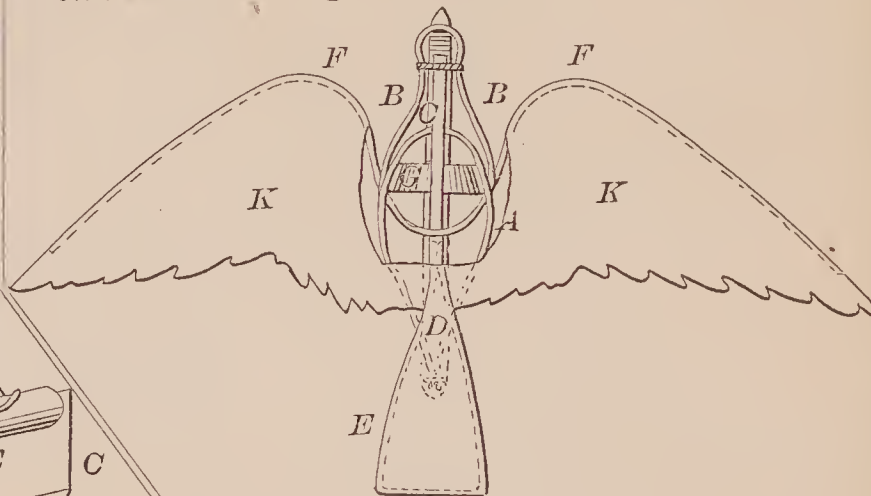
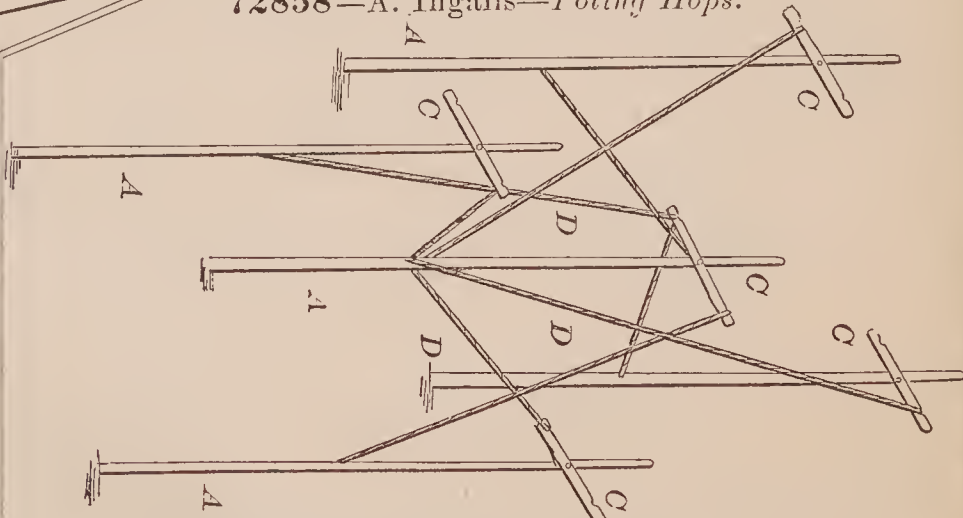
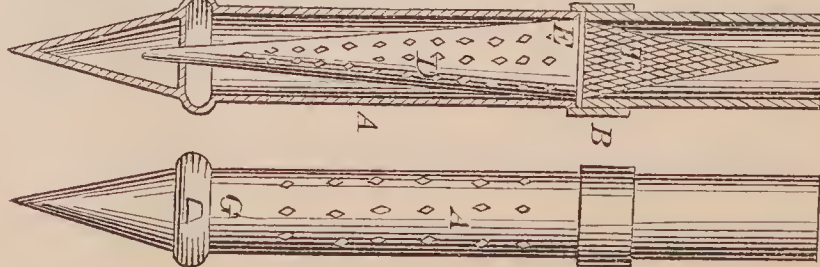
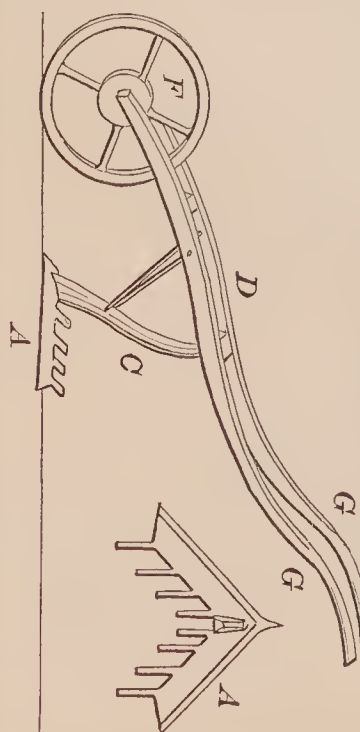
72849—H. Hammond—*Cartridge Ejector.*72853—J. A. & H. A. House—*Trunk.*

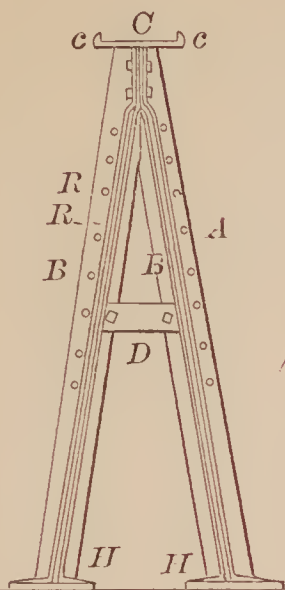
Fig. 4



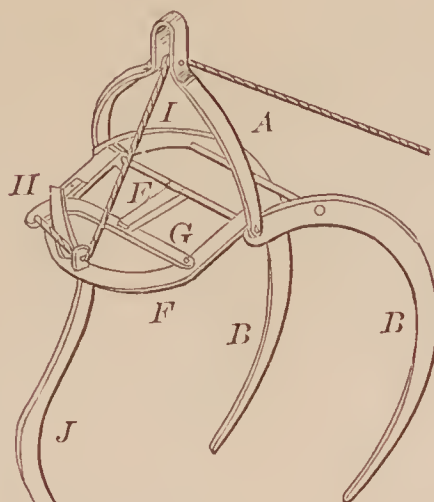
Fig. 5

72851—J. L. Heffron—*Sled Brake.*72856—D. S. Humphrey—*Fence and Trellis Hook.*72850—P. H. Hardy—*Sash Adjuster.*72854—T. N. Howell—*Lighter and Alarm.*72855—E. J. Hughes—*Kite.*72858—A. Ingalls—*Poling Hops.*72857—W. B. Hutchinson—*Well Tube.*72852—G. H. Hess—*Weeding Machine.*

72859—A. B. Ives—*Metallic Column.*



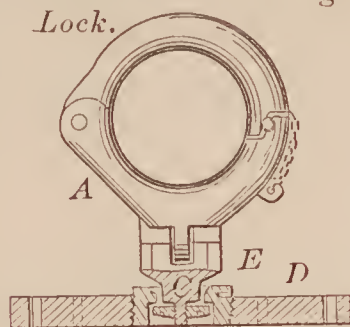
72860—R. V. Jones—*Horse Hay Fork.*



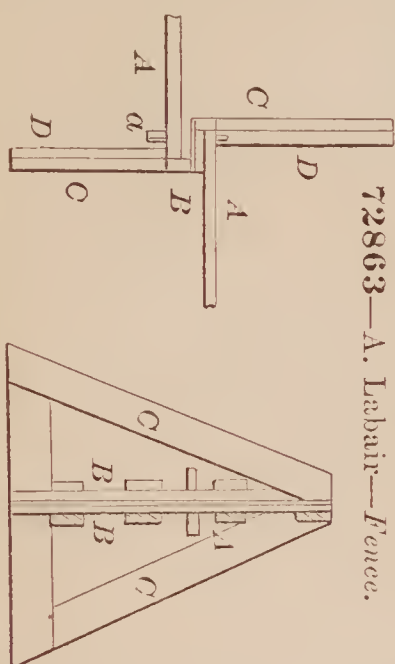
72861—J. Katzenberg—*Car Brake.*



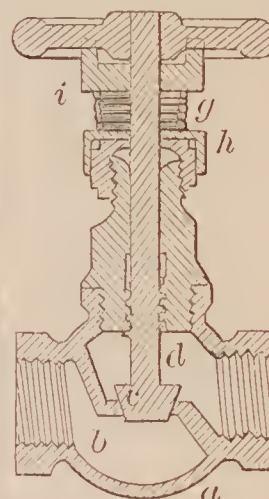
72865—M. A. Lanagan—*Lock.*



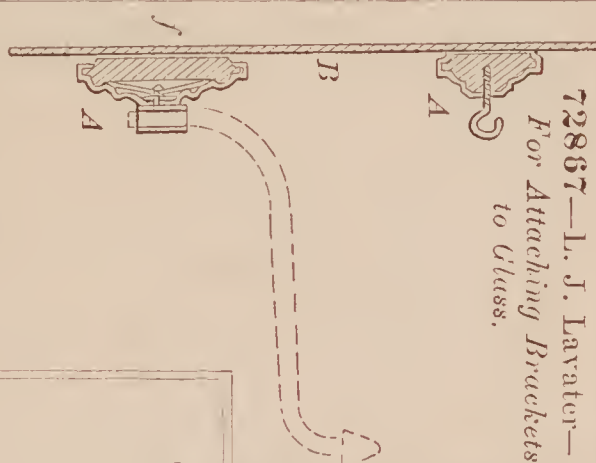
72863—A. Labair—*Fence.*



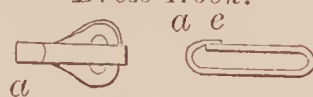
72868—L. Leigh—*Globe Valve.*



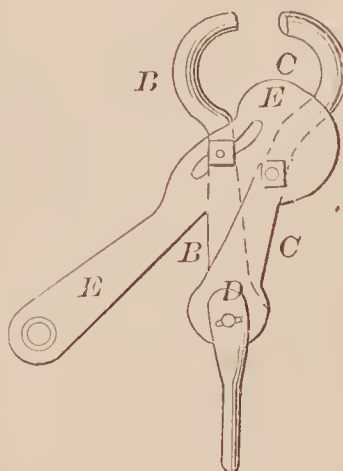
72867—L. J. Lavater—*For Attaching Brackets to Glass.*



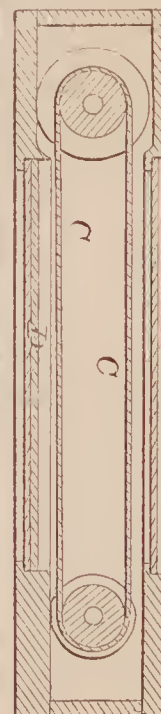
72862—M. A. Keilig—*Dress Hook.*



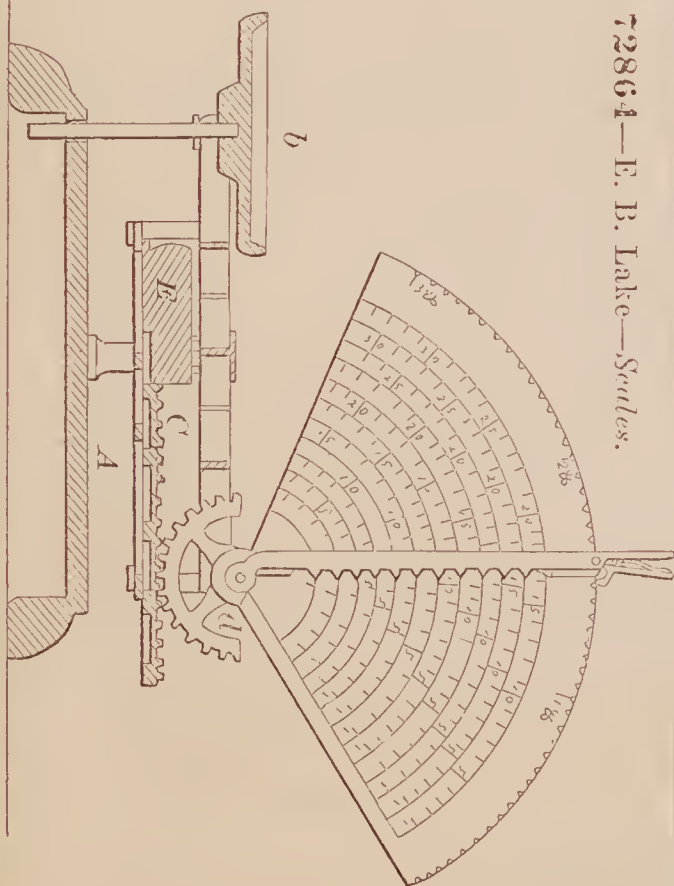
72866—M. A. Lanagan—*Boat Detaching Apparatus.*

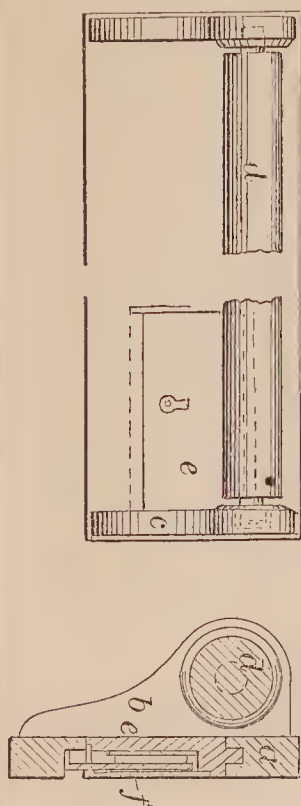
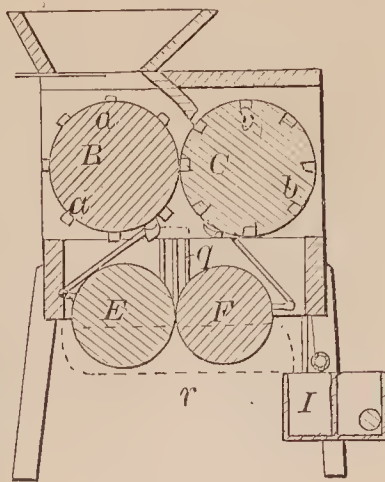
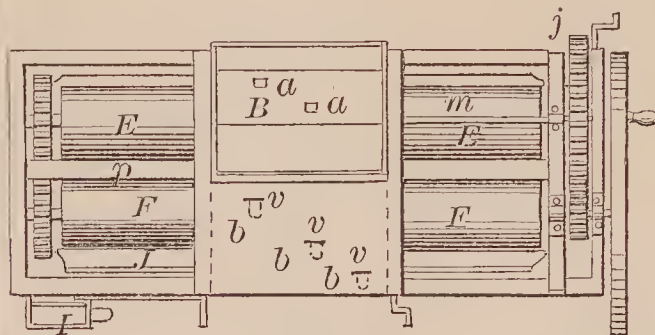
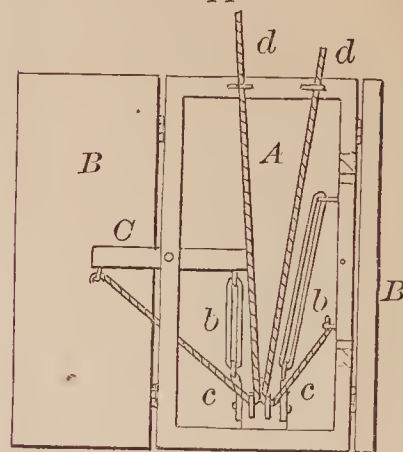
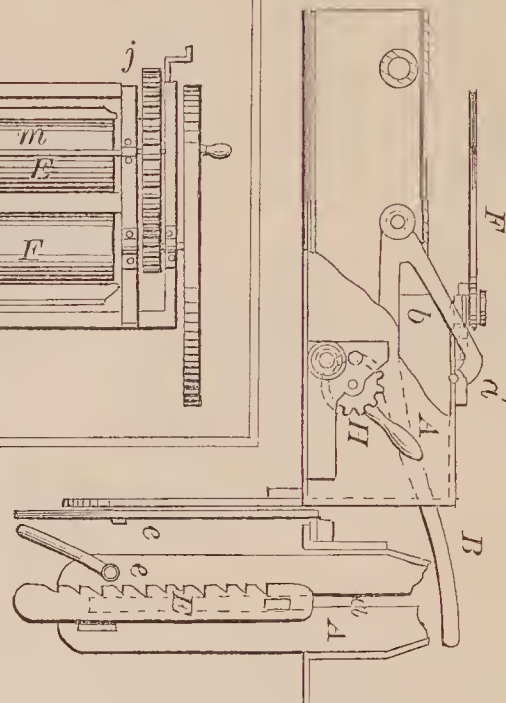
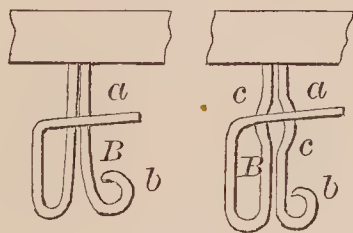
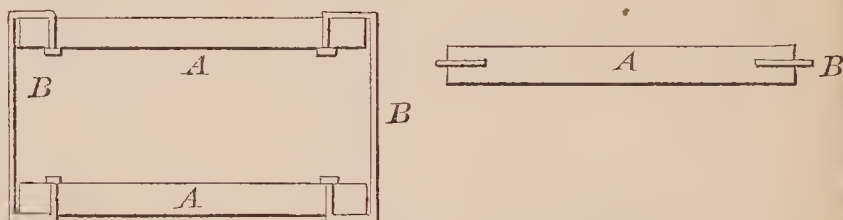
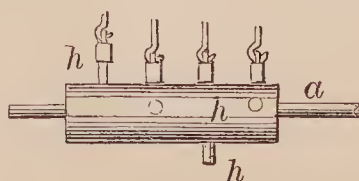
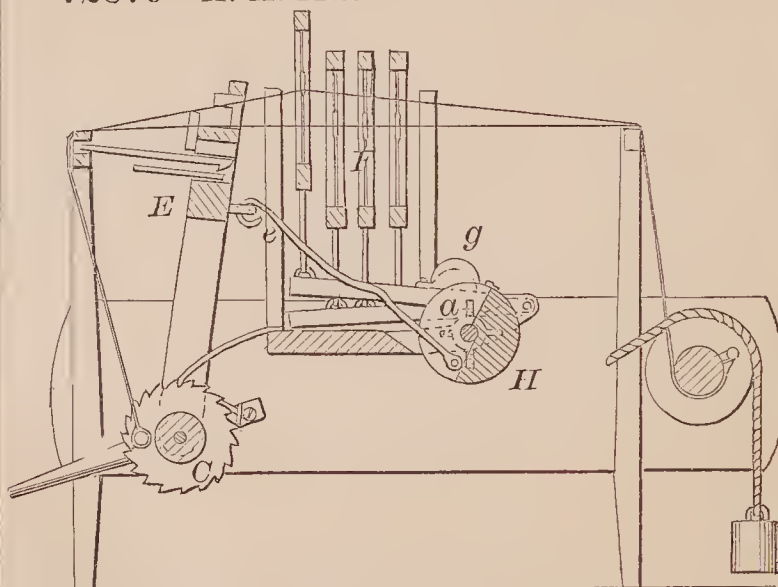
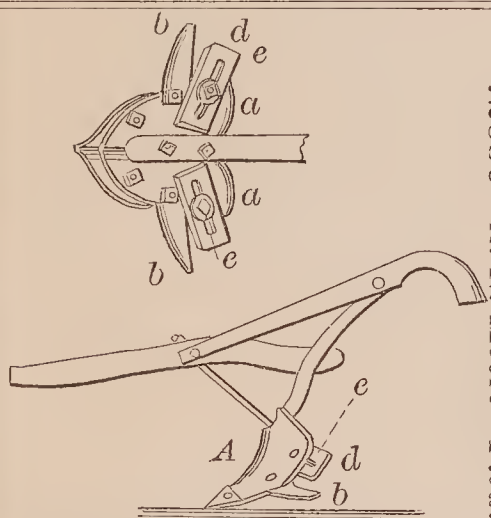
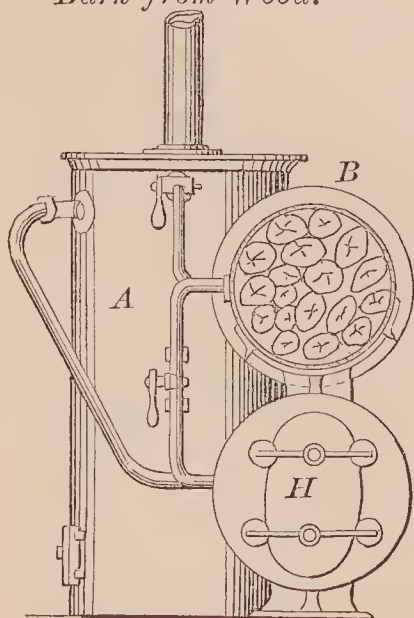


72869—C. Lewando—*Illuminated Sign.*

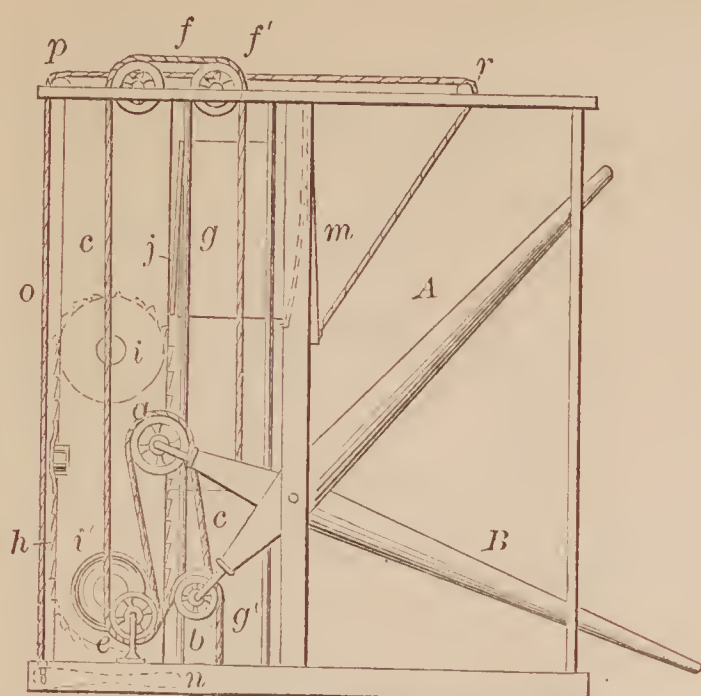
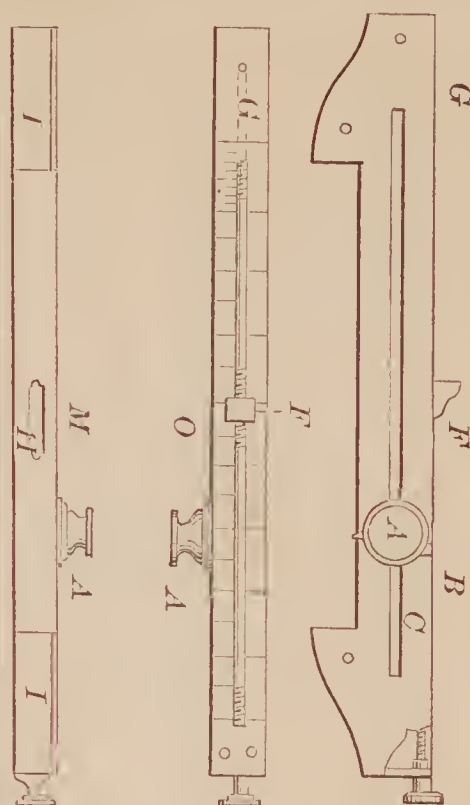


72864—E. B. Lake—*Scales.*

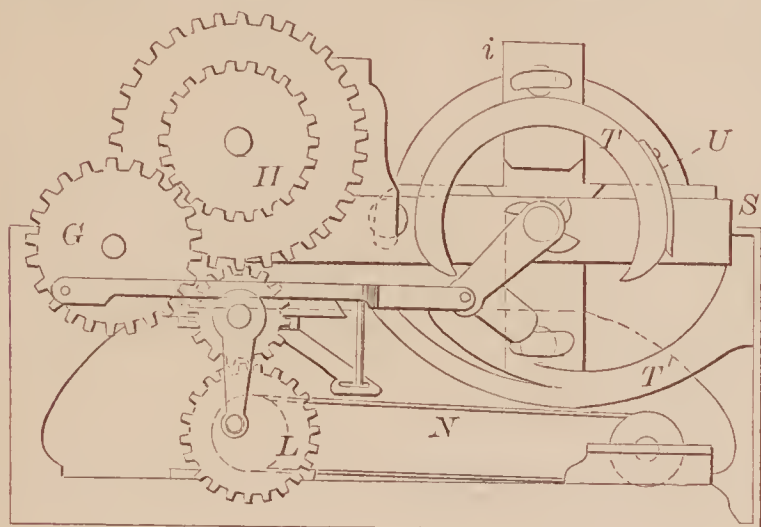
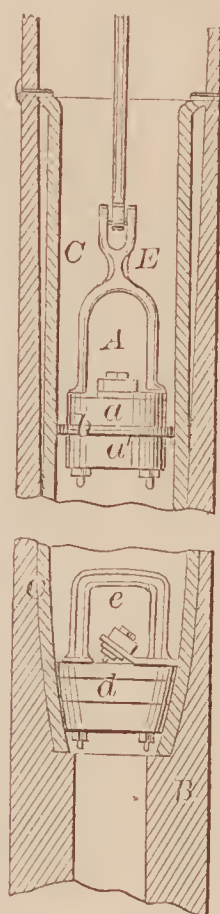


72870—W. H. Lewis—*Novel Roller.*72872—W. Lucas—*For Making Cider.*72871—N Long—*Table Leaves Support.*72874—W. Malick—*Bending Device.*72875—J. A. Marshall—*Whip Rack*72876—C. B. Martin—*Shingle Band.*72879—H. H. Mitchell—*Hand Loom.*72880—A. N. Moore—*Plow.*72873—J. Maitre—*Separating Bark from Wood.*

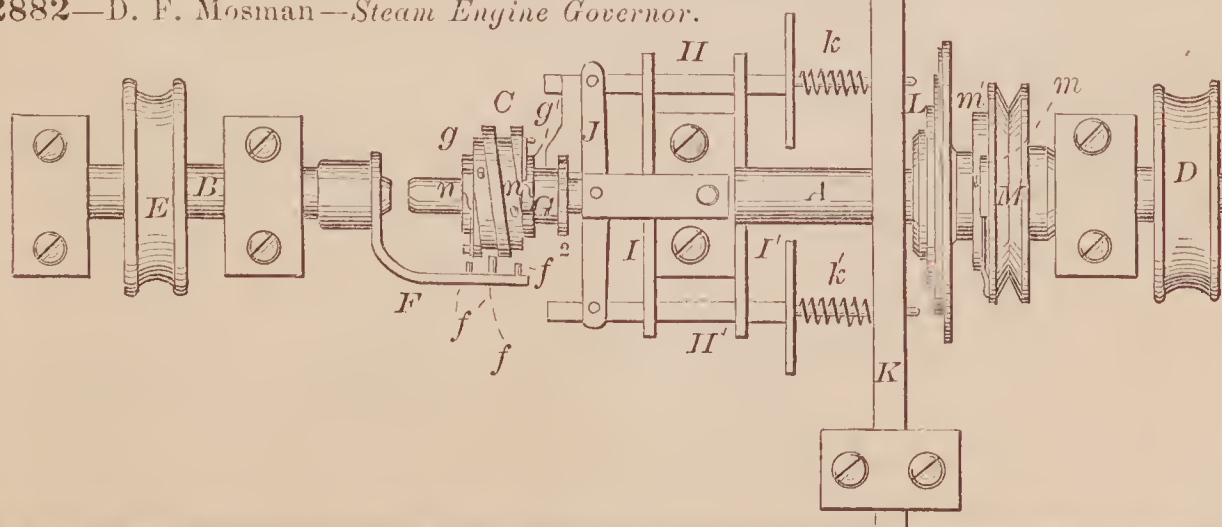
72881—D. Morrison—*Carriage Motor.*

72885—J. Nester—*Scribe Hook for Weather Boarding.*

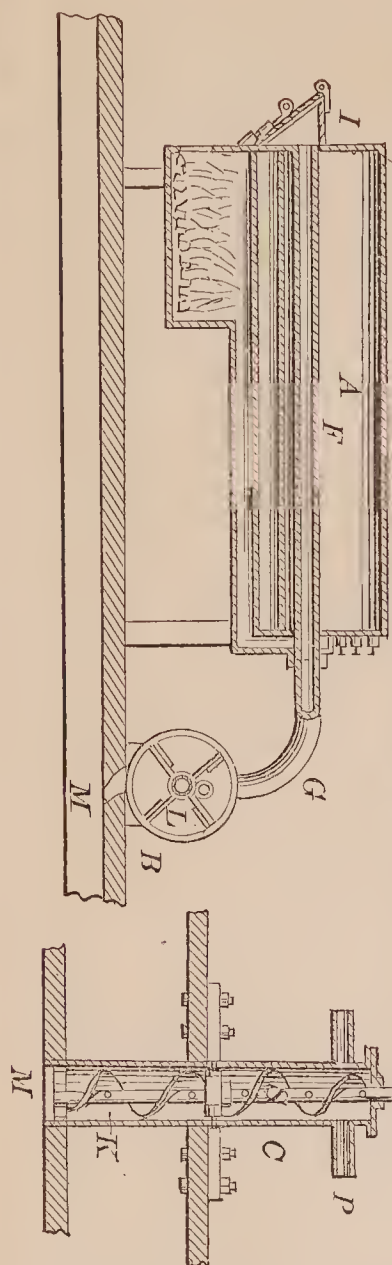
72883—M C. Motch—*Rotary Brick Machine.*

72884—B. H. Naves—*Pump Piston.*

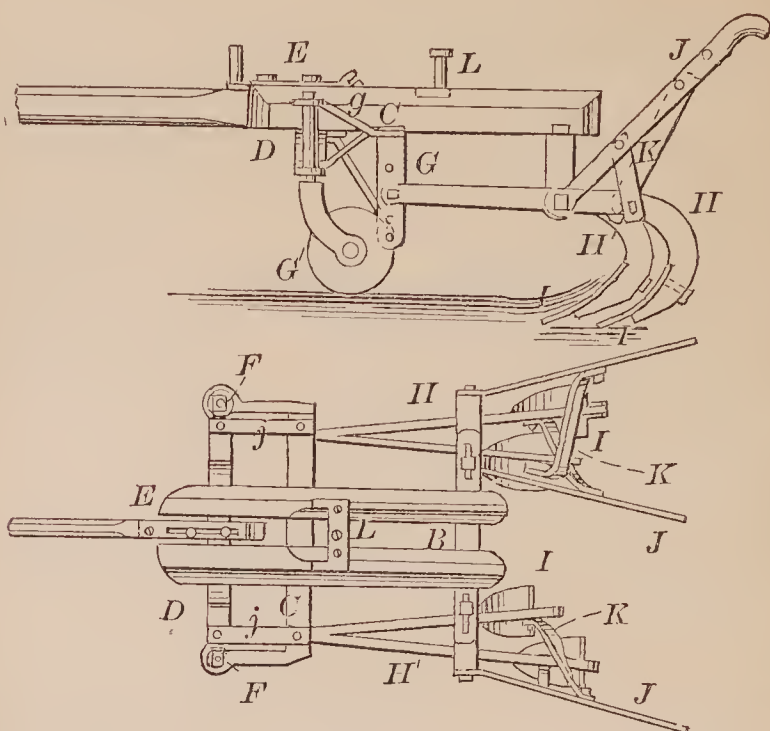
72882—D. F. Mosman—*Steam Engine Governor.*



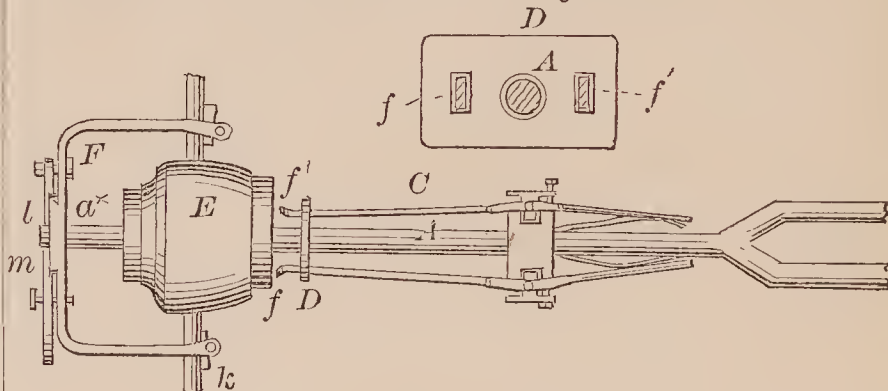
72886—W. H. Nobles—Smoke Extinguisher for Boilers.



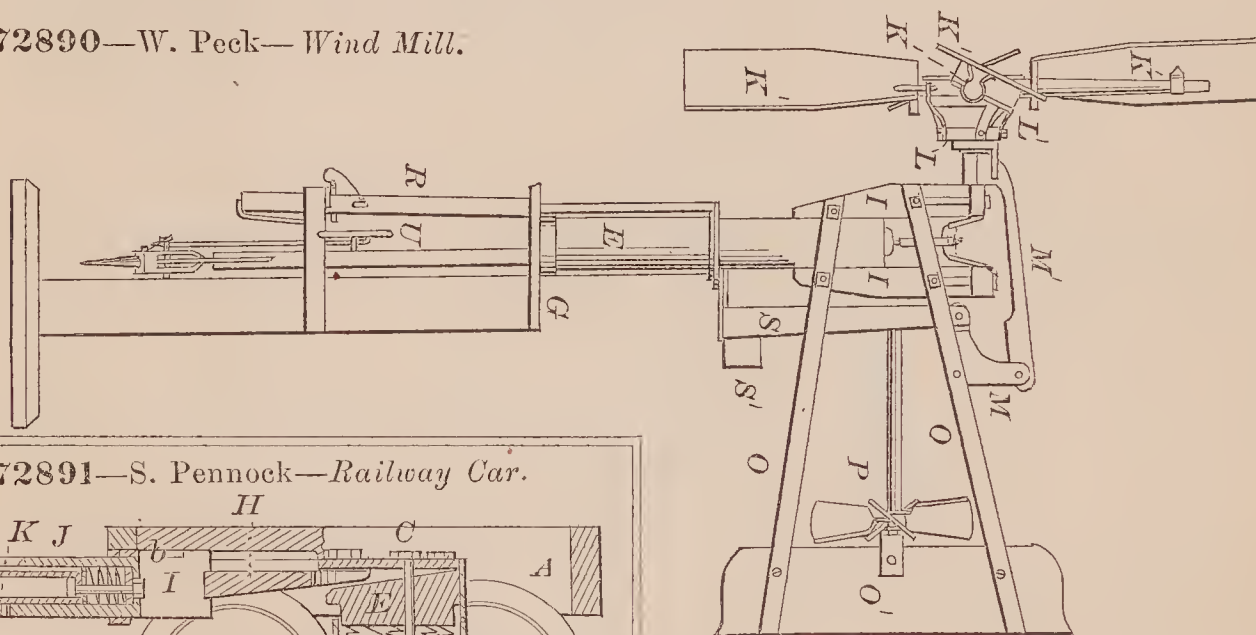
72889—S. J. Peabody—Cultivator.



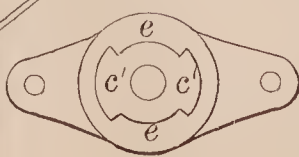
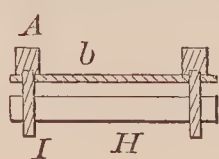
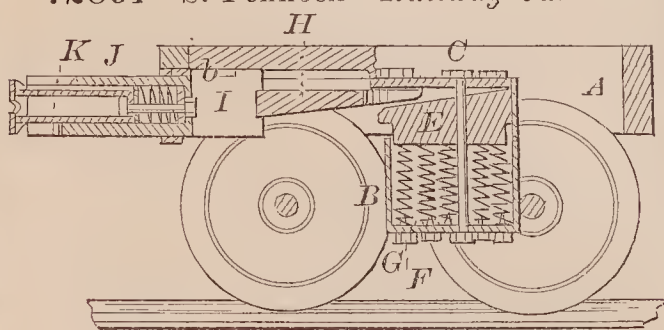
72887—D. J. Owen—For Boring Hubs.



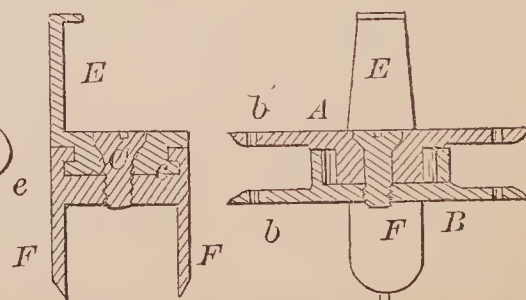
72890—W. Peck—Wind Mill.



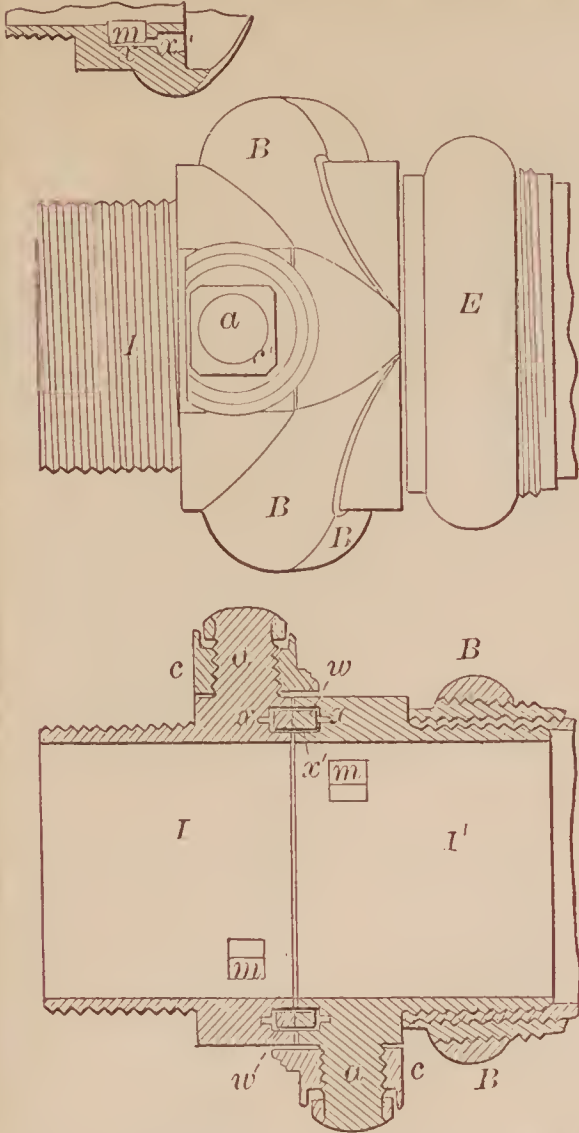
72891—S. Pennock—Railway Car.



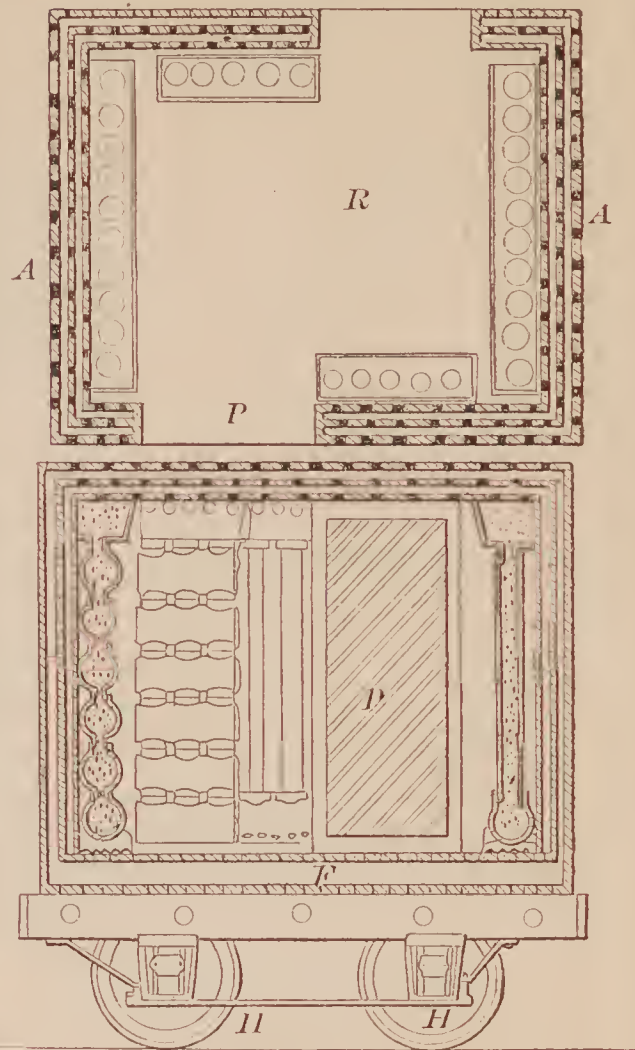
72888—M. J. Palmer—Whiffletree Coupling.



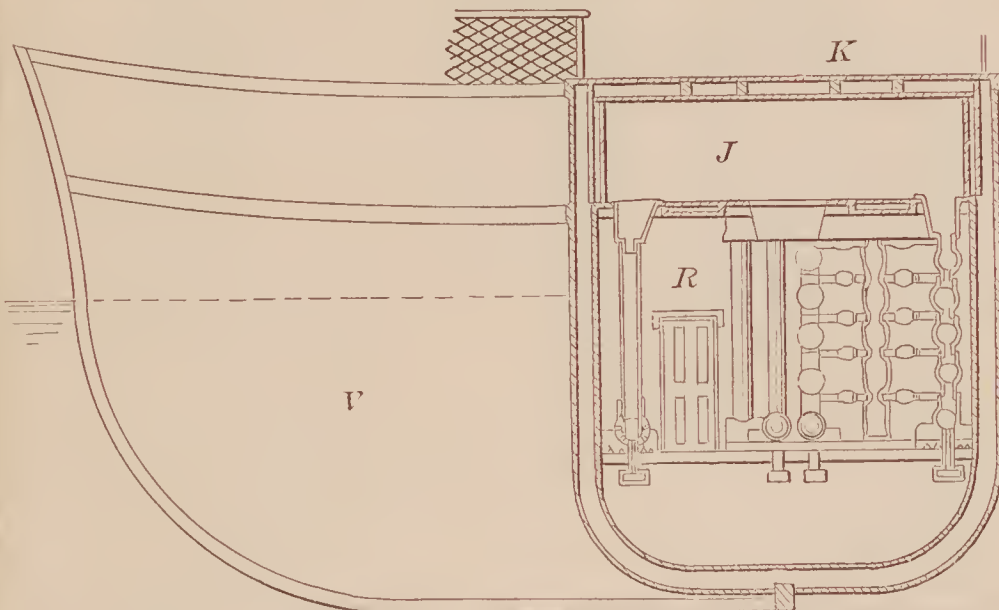
72892—Perkins & Hovey—*Hose Coupling.*



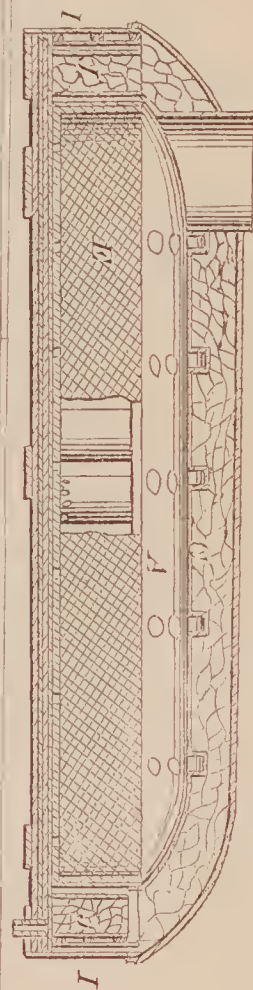
72895—C. F. Pike—*Railroad Car for Preserving and Transporting Meats, &c.*



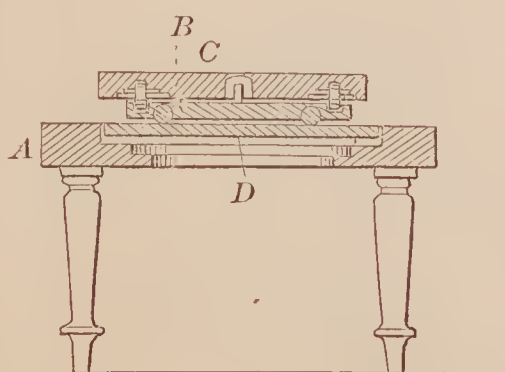
72894—C. F. Pike—*Preserving Perishable Articles.*



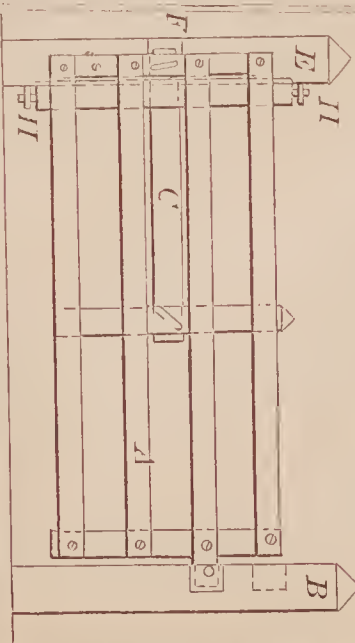
72893—C. F. Pike—*Corpse Preserver.*

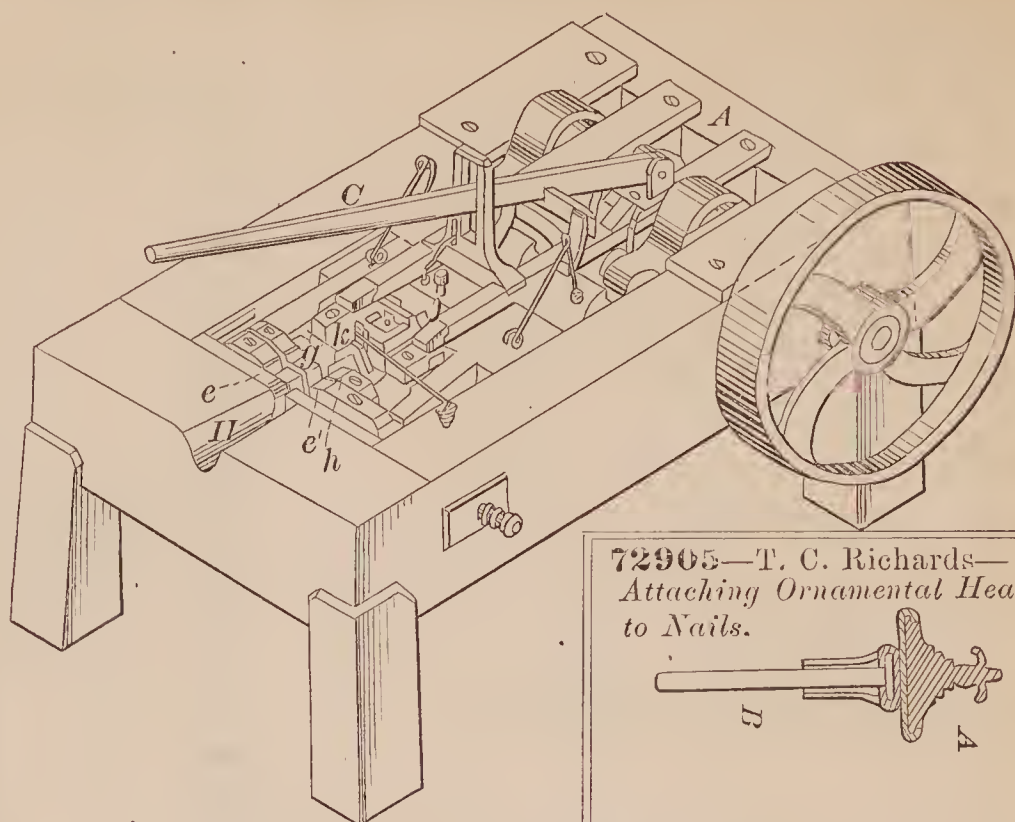
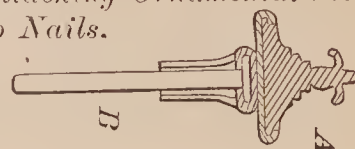
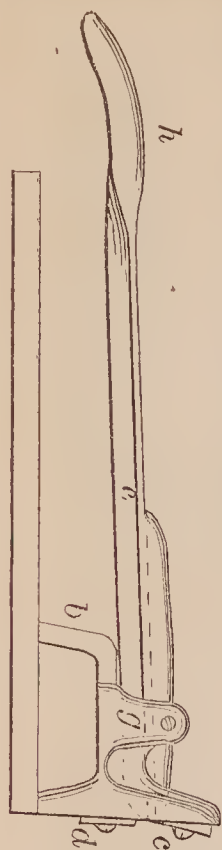
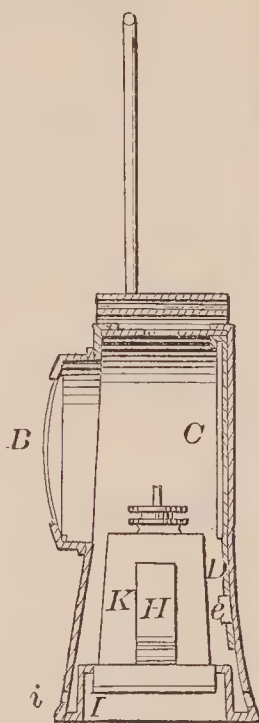
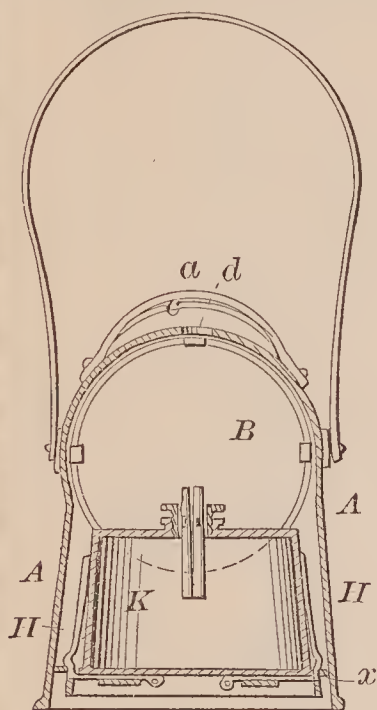
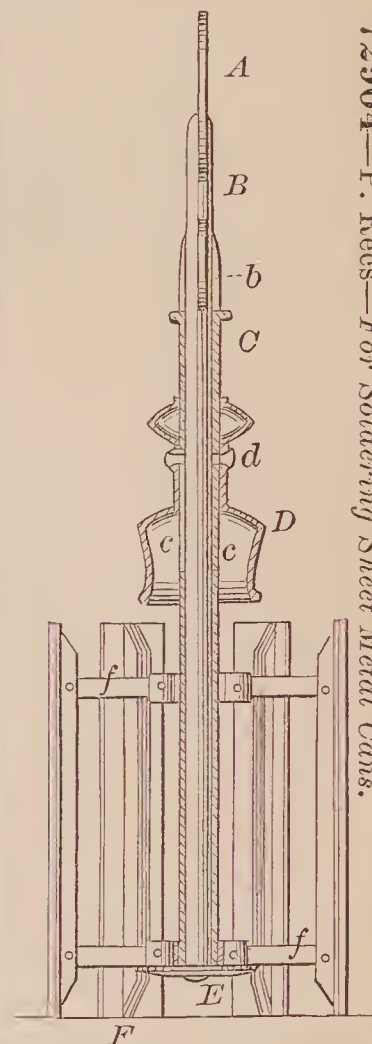
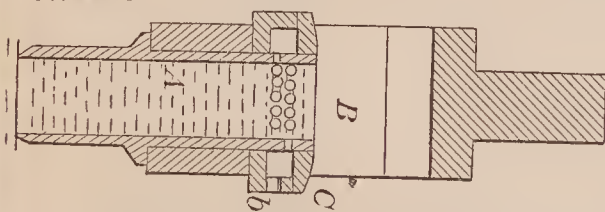
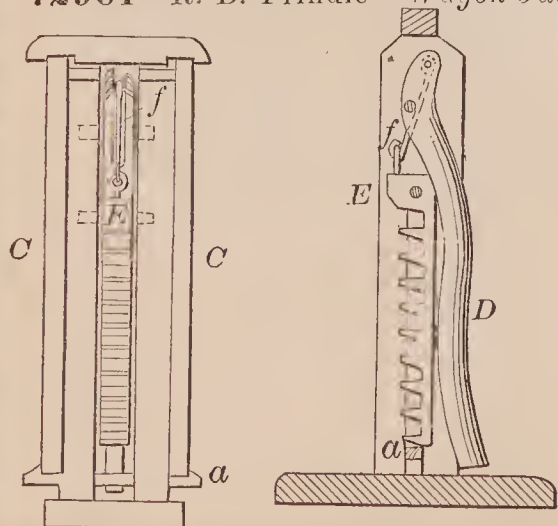
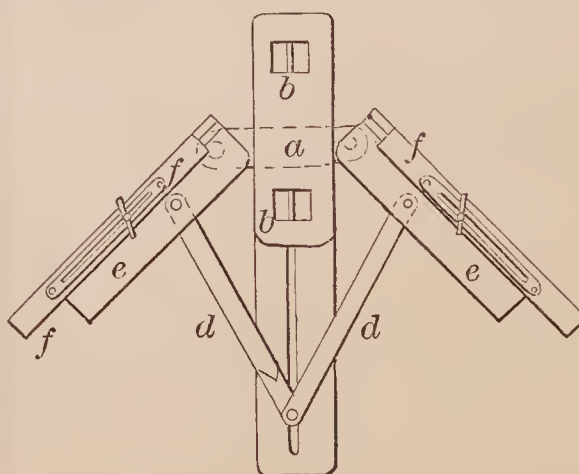


72896—M. Pirz—*Dining Table.*

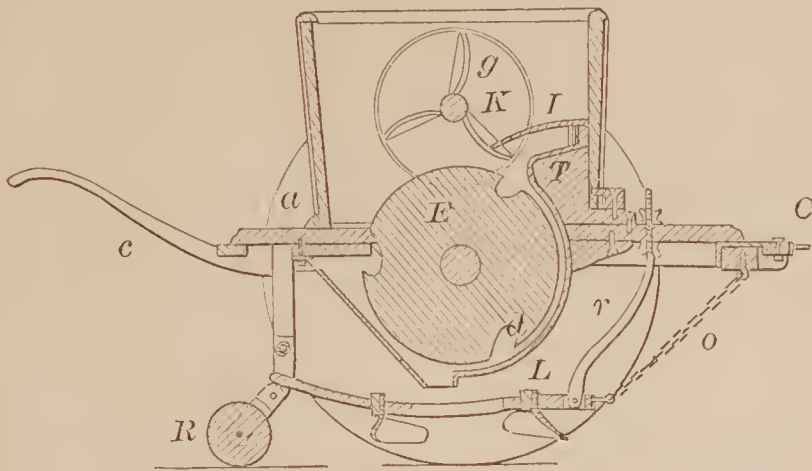


72897—C. H. Platt—*Gate.*

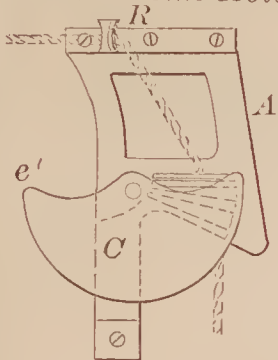


72899—F. B. Prindle—*For Heading Bolts.*72905—T. C. Richards—*Attaching Ornamental Heads to Nails.*72898—F. L. Pratt—*Tobacco Cutter.*72900—Prindle & Wellfare—*Lantern.*72902—E. D. Pritchard—*Railroad Rail.*72904—P. Rees—*For Soldering Sheet Metal Cans.*72903—R. Rathbone—*Gun Wad Punch.*72901—R. B. Prindle—*Wagon Jack.*72906—J. W. Richardson—*Mitre Box.*

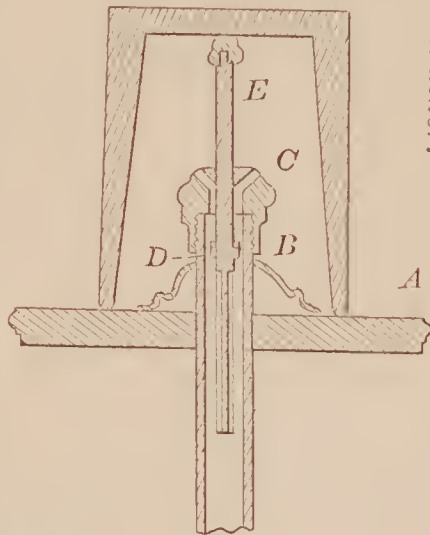
72907—O. Richardson—*Cotton Seed Planter.*



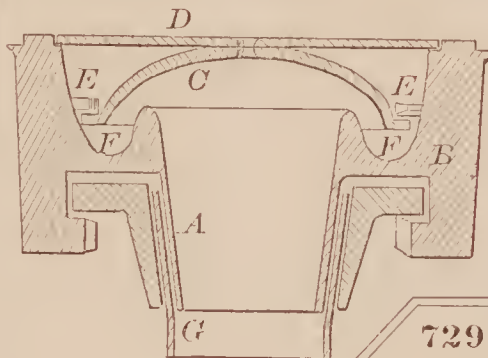
72908—P. Riordan—
Clothes Line Holder.



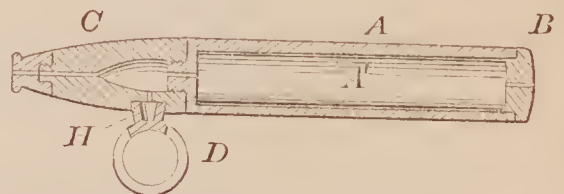
72911—E. W. Russell—*Tumbler*.
Nesher.



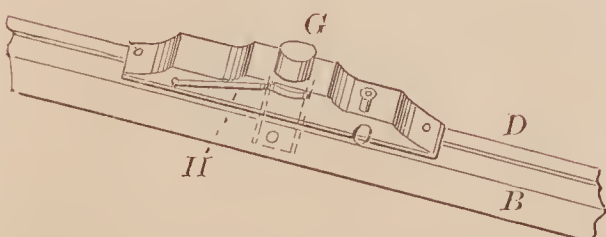
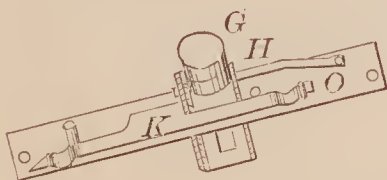
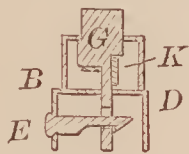
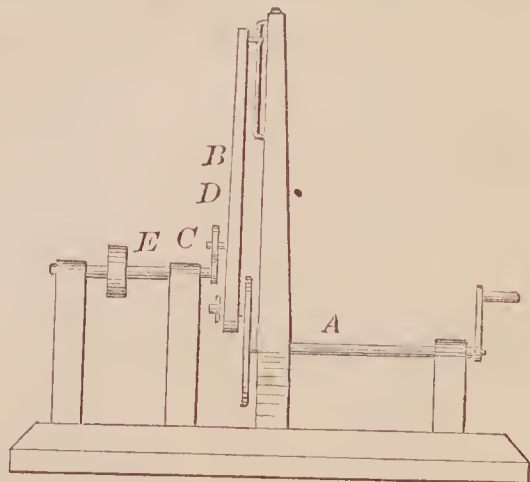
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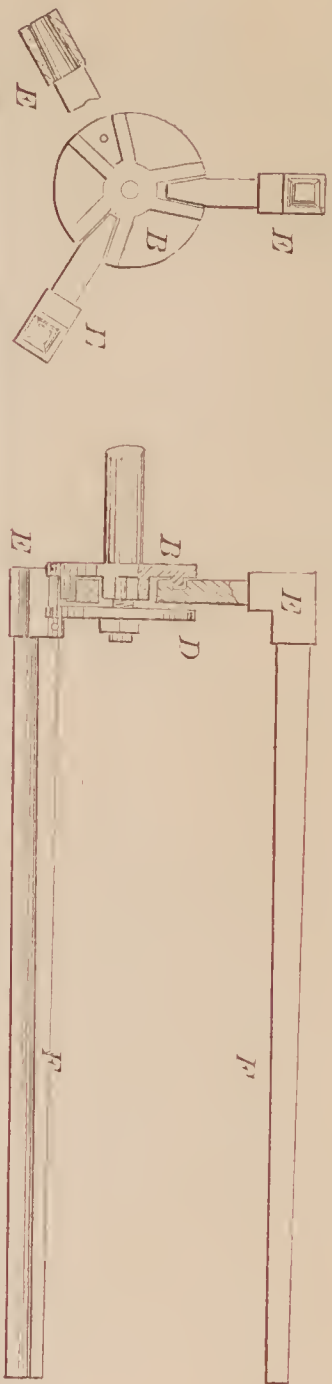
72912—E. Schlichting—*Cigar Pipe.*



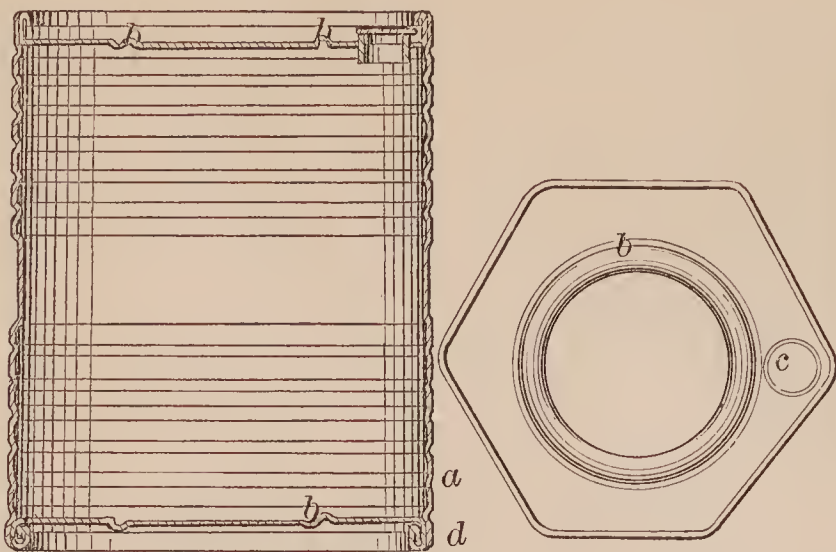
72914—C. H. Schubert—*Lock for
Traveling Bags.*

72915—J. M. Scott—*Mechanical Movement.*

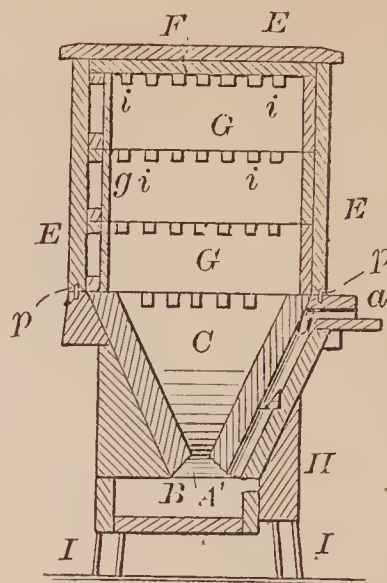
72910—W. F. Rundell—Harvester Reel.



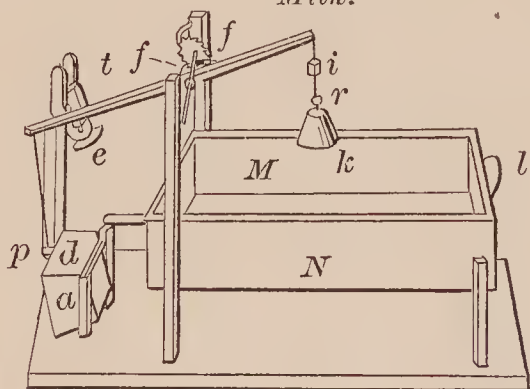
72916—O. Scott—Gunpowder Canister.



72918—L. & A. M. Shafer—Beehive.



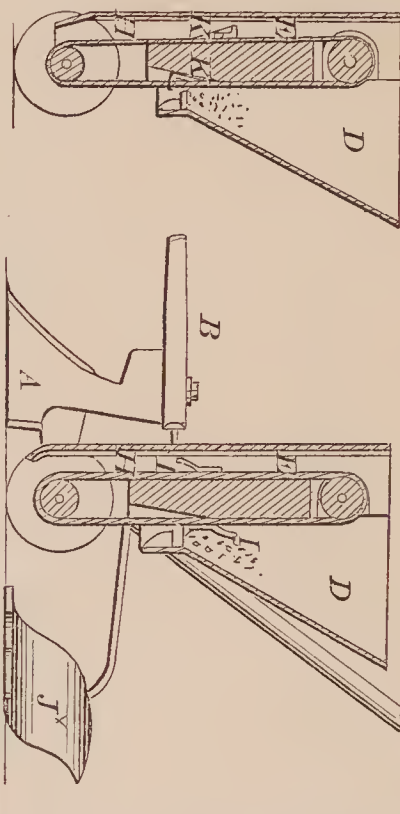
72920—C. L. Sheldon—For Cooling Milk.



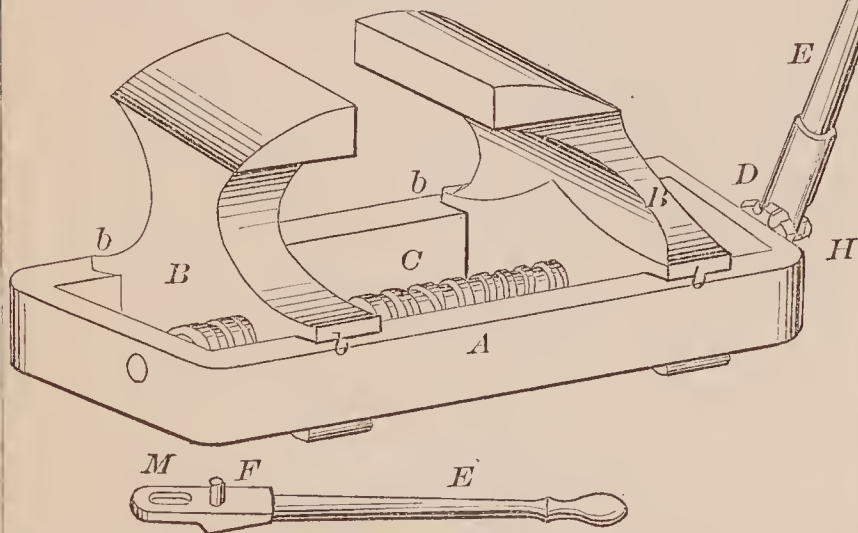
72917—J. Sennett—Heddle for Looms.



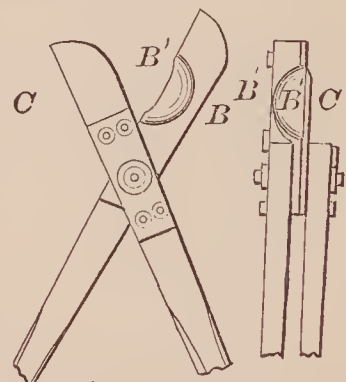
72922—S. Shetter—Plow, Potato Planter and Seeder.



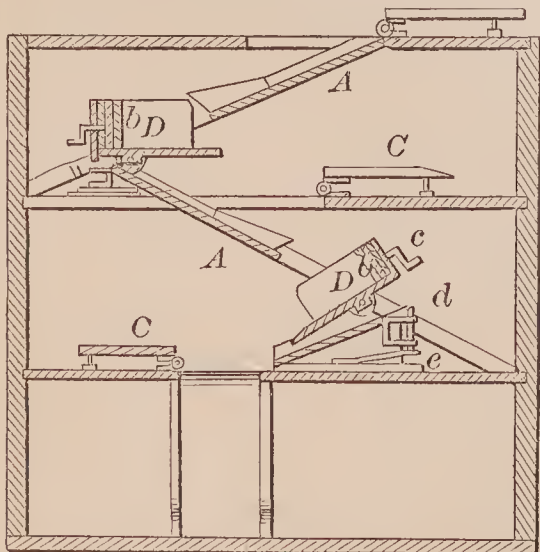
72921—P. Shellenbock—Vise.



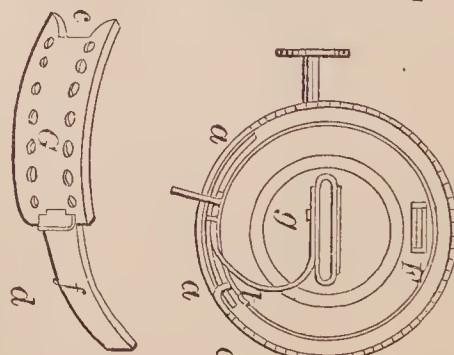
72923—J. Sill—Pruning Shears.



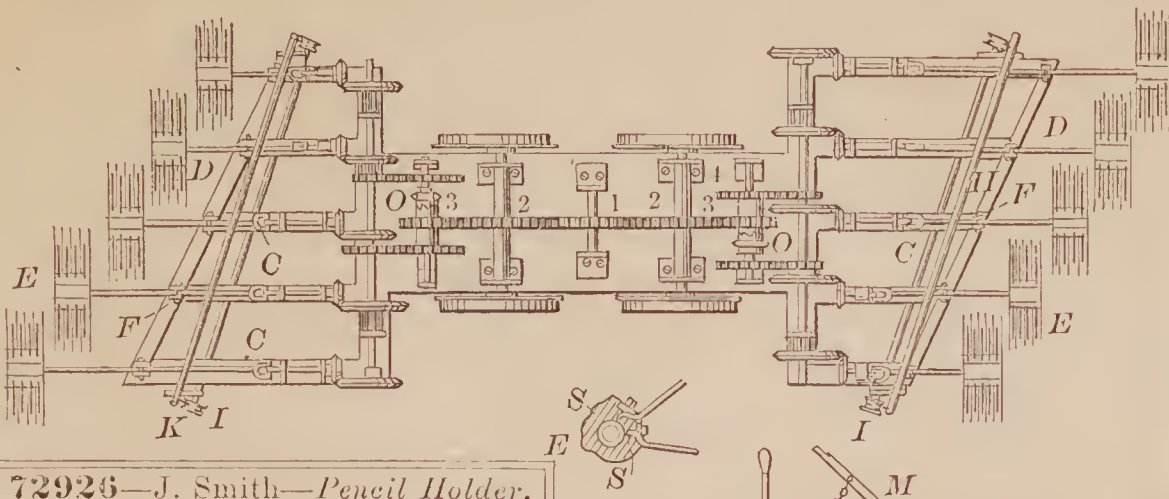
72924—J. D. Sinclair—For Delivering Goods.



72925—G. Smith—Lamp Burner.



72928—W. W. Smith—*Snow Sweeper.*



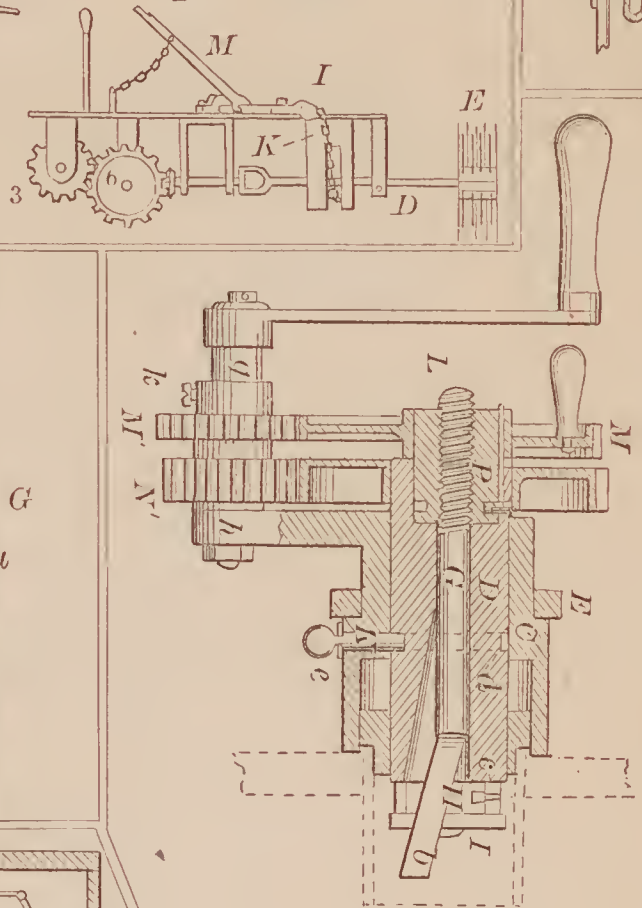
72926—J. Smith—*Pencil Holder.*



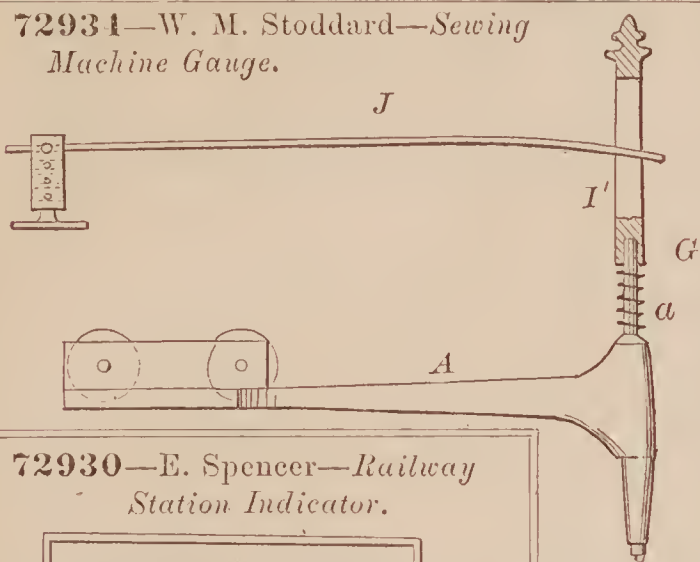
72929—Somers & Alwood—*Button.*



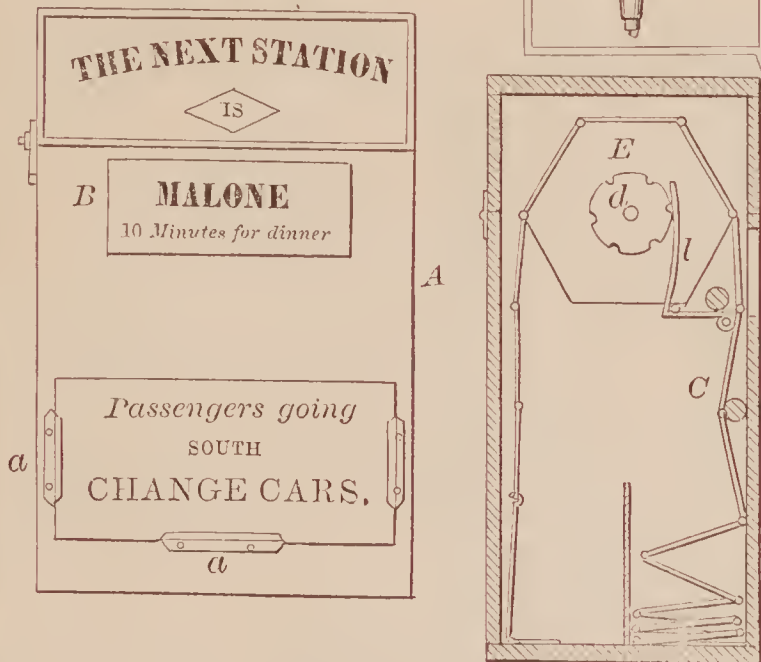
72927—W. B. Smith—*Boiler Tube Cutter.*



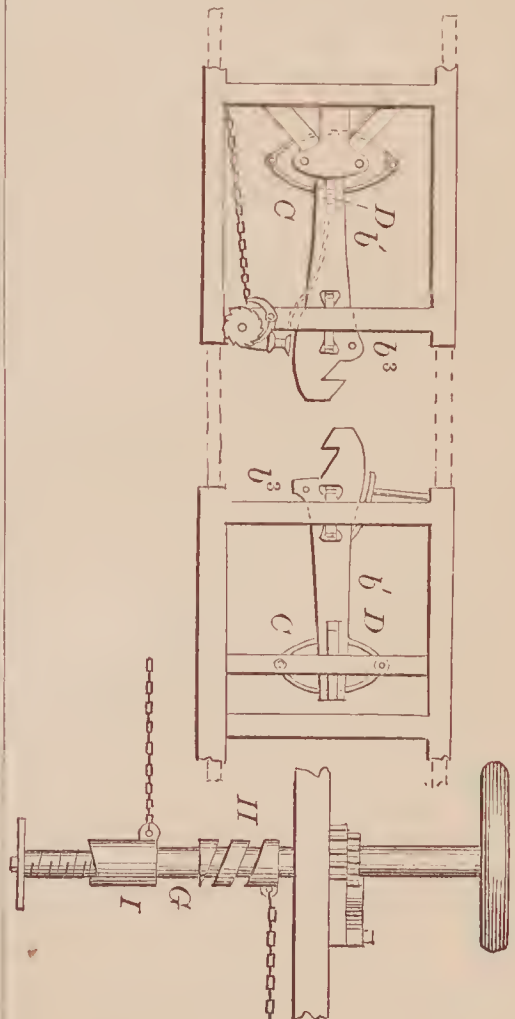
72934—W. M. Stoddard—*Sewing Machine Gauge.*



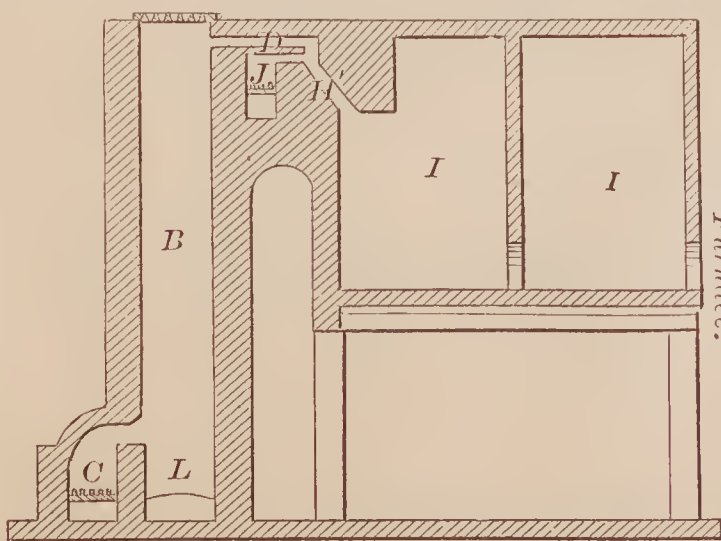
72930—E. Spencer—*Railway Station Indicator.*



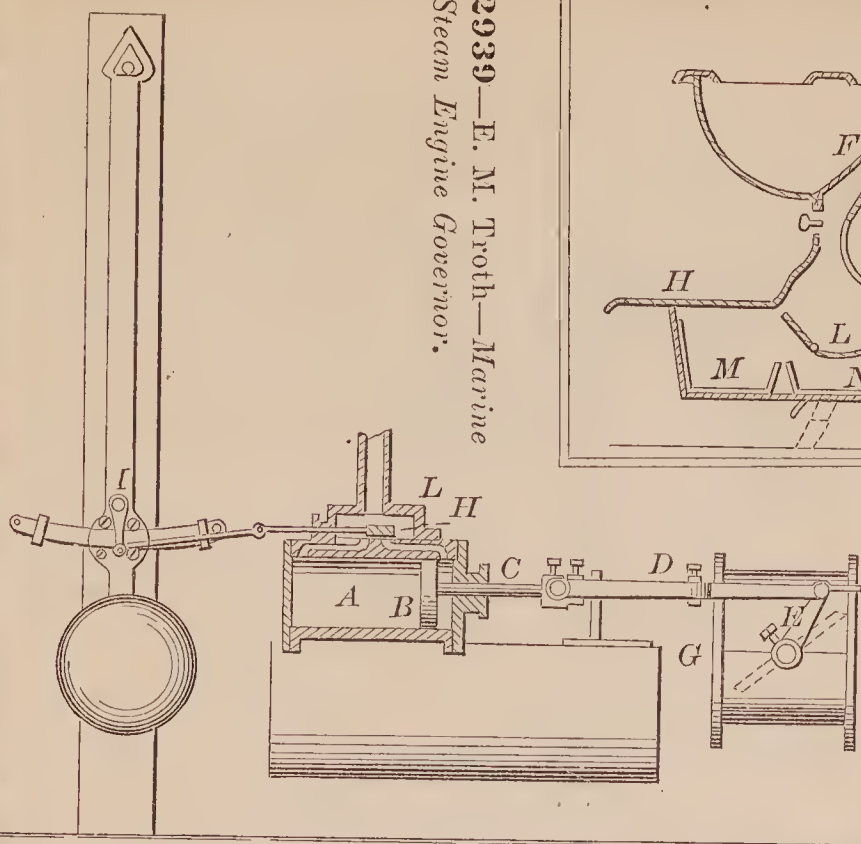
72933—J. T. Stokes—*Car Coupling.*



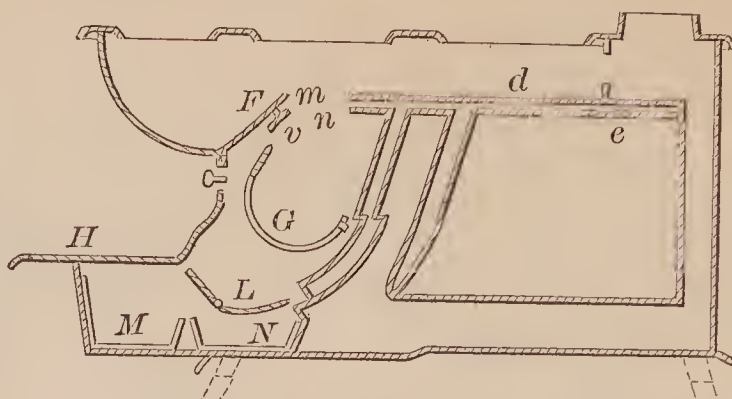
72931—C. Steinfeld—*Ore Roasting Furnace.*



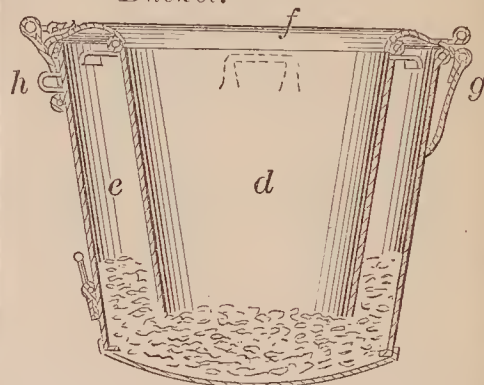
72939—E. M. Troth—*Marine
Steam Engine Governor.*



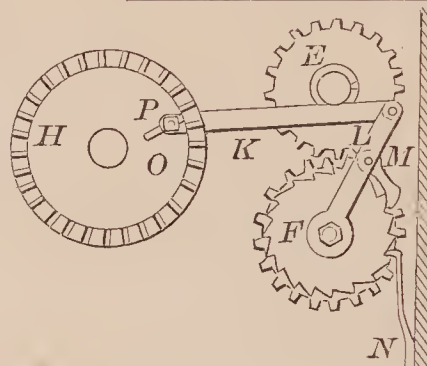
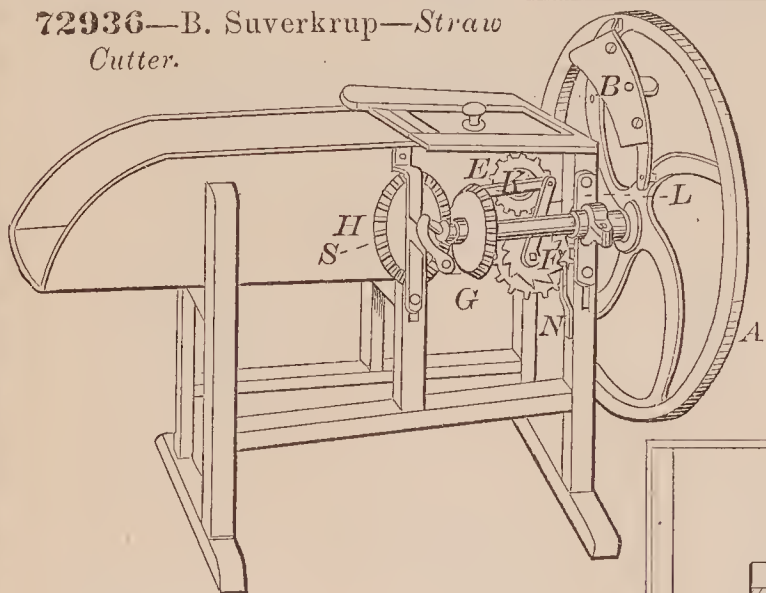
72938—W. B. Treadwell—*Cooking Stove.*



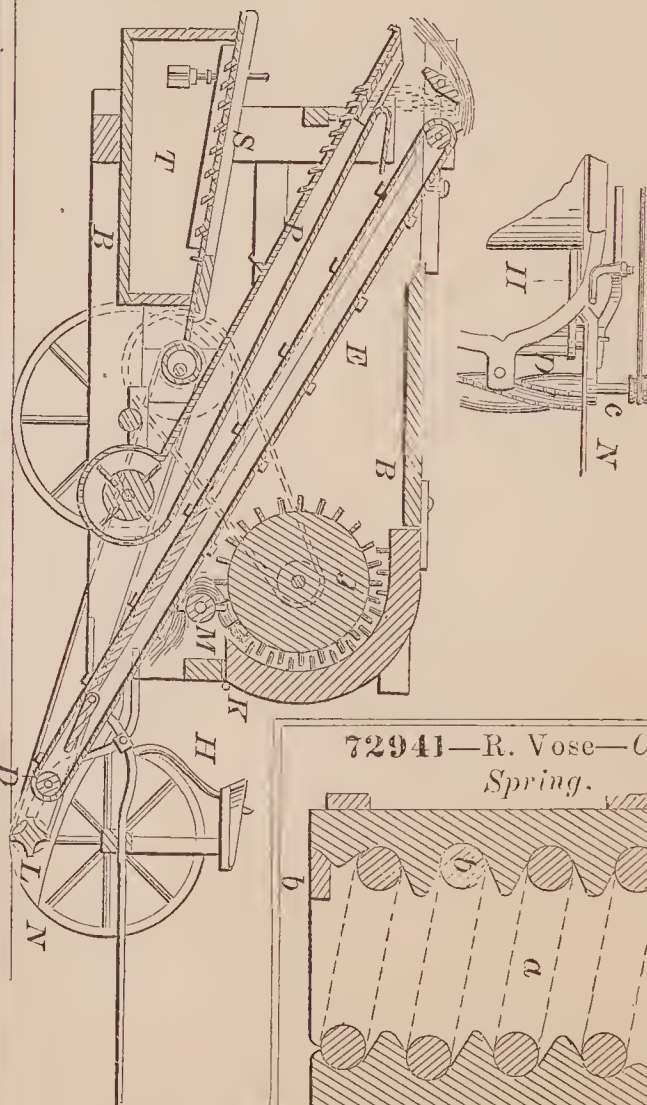
72935—R. C. Sturges—*Feed
Bucket.*



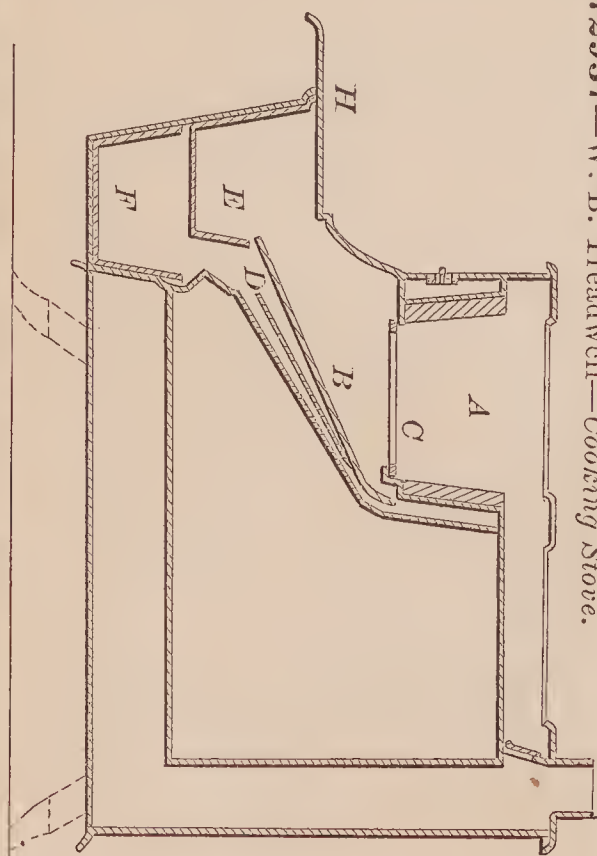
72936—B. Suverkrup—*Straw
Cutter.*



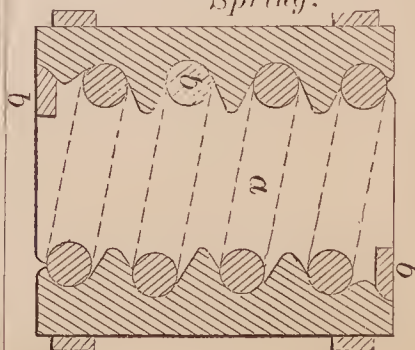
72940—A. W. Tucker—*Threshing Machine.*



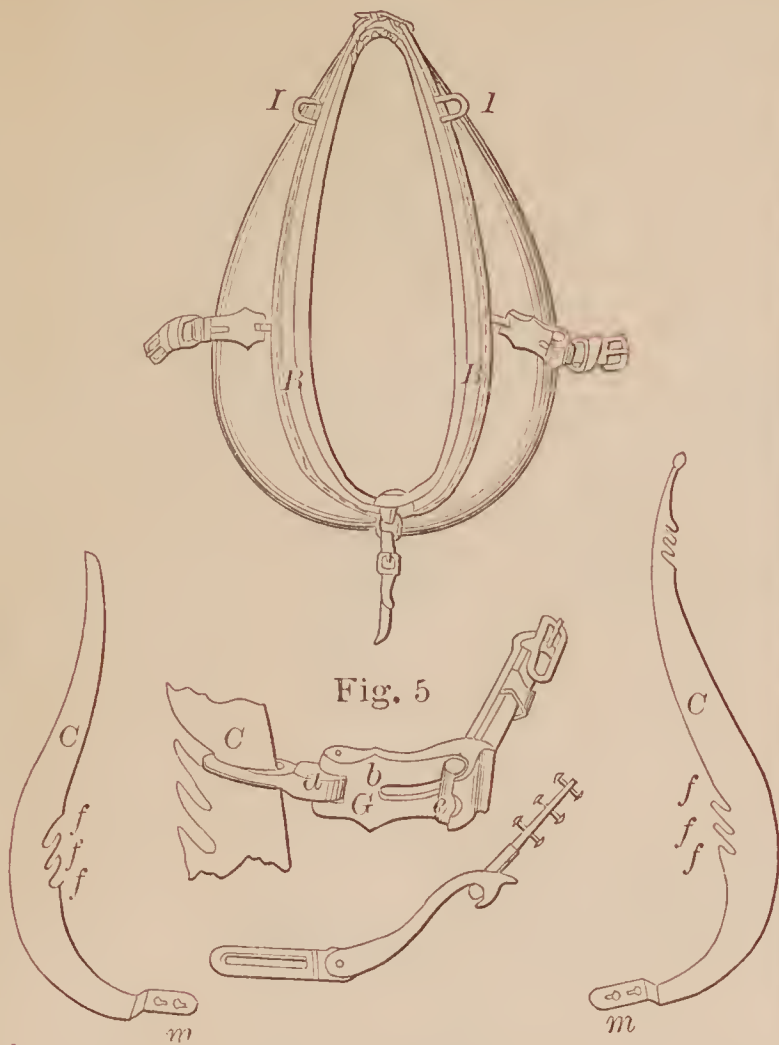
72937—W. B. Treadwell—*Cooking Stove.*



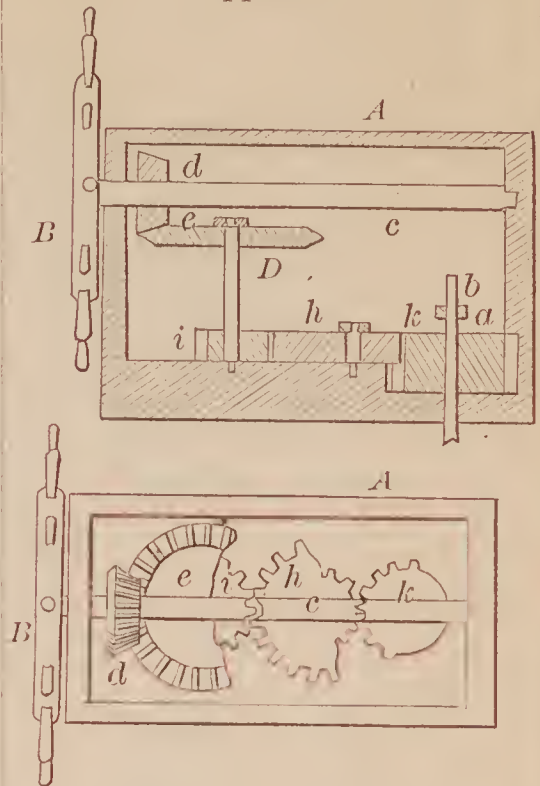
72941—R. Vose—*Car
Spring.*



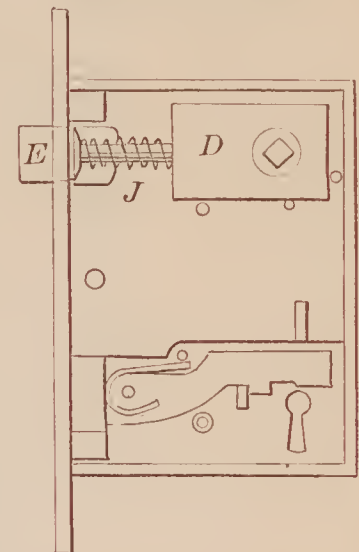
72947—Wegmann & Diessel—*Horse Collar.*



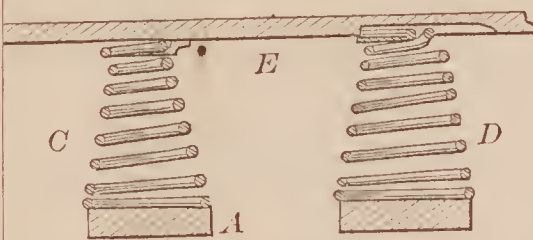
72945—J. H. Weaver—*Steering Apparatus.*



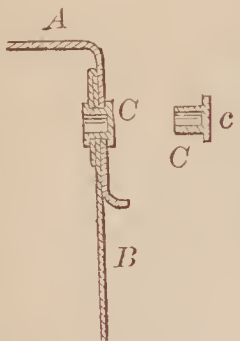
72946—R. L. Webb—*Reversible Latch.*



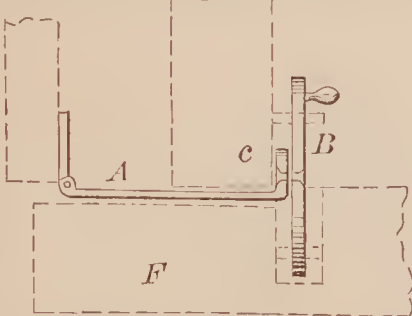
72943—A. Walker—*Spring Bed.*



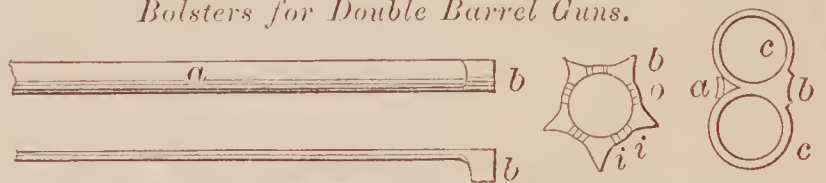
72944—Z. Walsh—*Traveling Bag.*



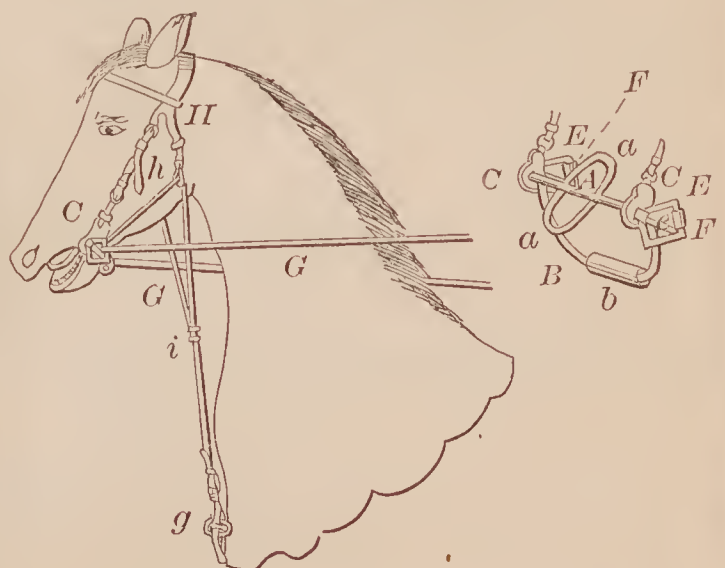
72948—Wemple & Richardson—*Sash and Shutter Fastener.*



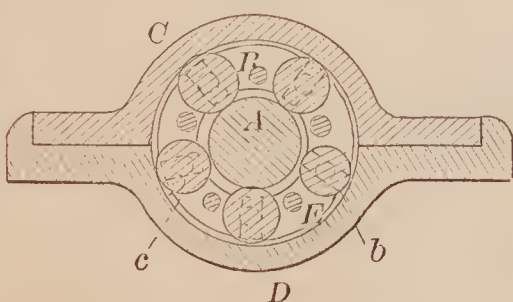
72949—Wesson & Blaze—*Manufacturing Ribs and Bolsters for Double Barrel Guns.*

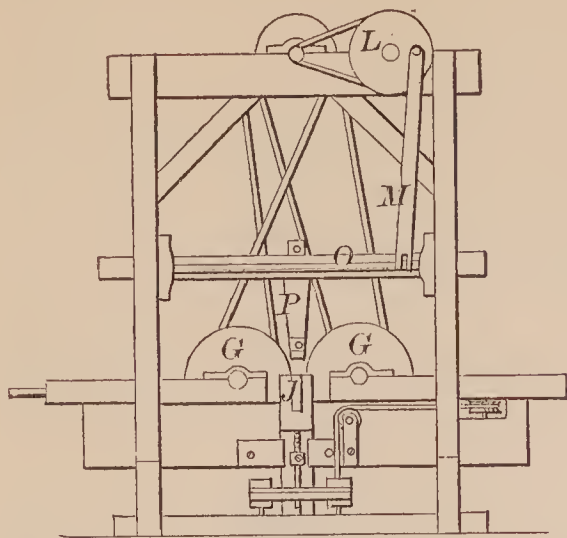
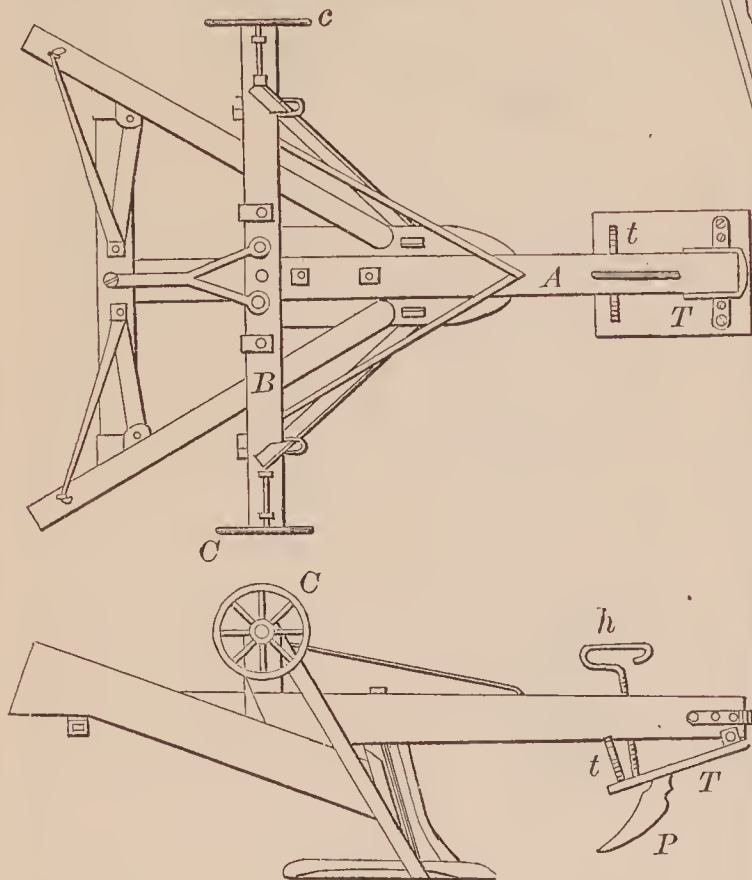
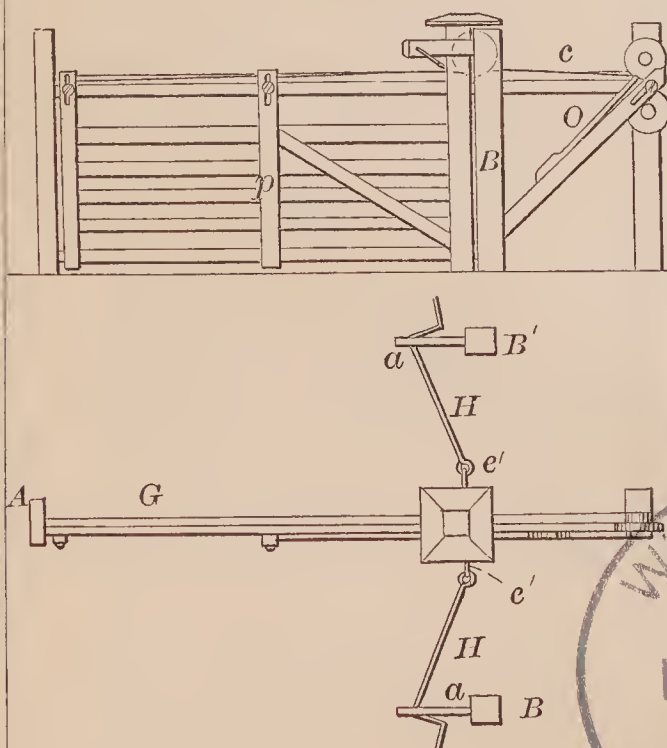
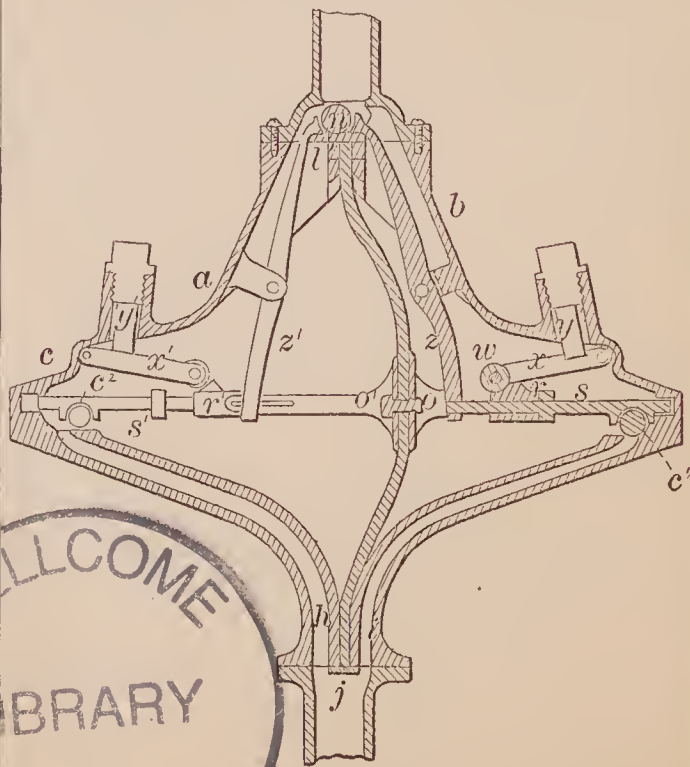
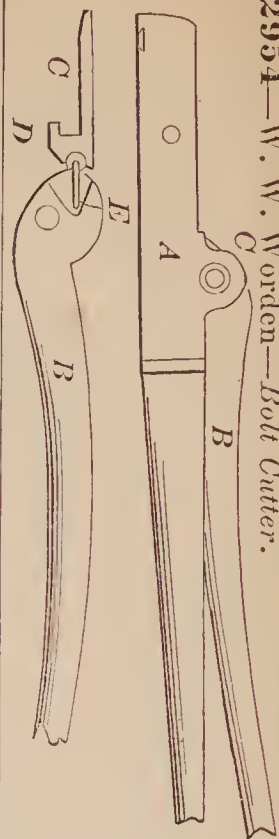
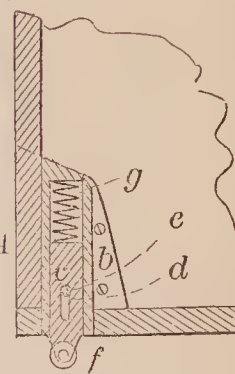


72950—R. P. Whelan—*Bridle Bit.*



72942—E. Wadhams—*Roller Journal Box.*



72951—J. A. Whelpley—*For Polishing Metal.*72953—D. Whisler—*Ditching Machine.*72957—I. N. Young—*Gate.*72958—W. Baldwin—*Water Meter.*72954—W. W. Warden—*Bolt Cutter.*72955—A. Young—*Lacing Device.*72956—W. H. & L. Young—*Trunk Caster.*72952—Whipple & Bonzano—*Lubricator.*